B O N N E V I L L E   P O W E R   A D M I N I S T R A T I O N

BP-18 Rate Proceeding

Final Proposal

# Transmission Rates Study and Documentation

BP-18-FS-BPA-08

July 2017

TRANSMISSION RATES STUDY AND DOCUMENTATION

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**Tables**

## COMMONLY USED ACRONYMS AND SHORT FORMS

| | |
|---|---|
| AAC | Anticipated Accumulation of Cash |
| ACNR | Accumulated Calibrated Net Revenue |
| ACS | Ancillary and Control Area Services |
| AF | Advance Funding |
| AFUDC | Allowance for Funds Used During Construction |
| aMW | average megawatt(s) |
| ANR | Accumulated Net Revenues |
| ASC | Average System Cost |
| BAA | Balancing Authority Area |
| BiOp | Biological Opinion |
| BPA | Bonneville Power Administration |
| Bps | basis points |
| Btu | British thermal unit |
| CIP | Capital Improvement Plan |
| CIR | Capital Investment Review |
| CDQ | Contract Demand Quantity |
| CGS | Columbia Generating Station |
| CHWM | Contract High Water Mark |
| CNR | Calibrated Net Revenue |
| COB | California-Oregon border |
| COE | U.S. Army Corps of Engineers |
| COI | California-Oregon Intertie |
| Commission | Federal Energy Regulatory Commission |
| Corps | U.S. Army Corps of Engineers |
| COSA | Cost of Service Analysis |
| COU | consumer-owned utility |
| Council | Northwest Power and Conservation Council |
| CP | Coincidental Peak |
| CRAC | Cost Recovery Adjustment Clause |
| CSP | Customer System Peak |
| CT | combustion turbine |
| CY | calendar year (January through December) |
| DD | Dividend Distribution |
| DDC | Dividend Distribution Clause |
| dec | decrease, decrement, or decremental |
| DERBS | Dispatchable Energy Resource Balancing Service |
| DFS | Diurnal Flattening Service |
| DNR | Designated Network Resource |
| DOE | Department of Energy |
| DOI | Department of Interior |
| DSI | direct-service industrial customer or direct-service industry |
| DSO | Dispatcher Standing Order |
| EE | Energy Efficiency |
| EIM | Energy imbalance market |

| | |
|---|---|
| EIS | Environmental Impact Statement |
| EN | Energy Northwest, Inc. |
| ESA | Endangered Species Act |
| ESS | Energy Shaping Service |
| e-Tag | electronic interchange transaction information |
| FBS | Federal base system |
| FCRPS | Federal Columbia River Power System |
| FCRTS | Federal Columbia River Transmission System |
| FELCC | firm energy load carrying capability |
| FOIA | Freedom Of Information Act |
| FORS | Forced Outage Reserve Service |
| FPS | Firm Power and Surplus Products and Services |
| FPT | Formula Power Transmission |
| FY | fiscal year (October through September) |
| G&A | general and administrative (costs) |
| GARD | Generation and Reserves Dispatch (computer model) |
| GMS | Grandfathered Generation Management Service |
| GSP | Generation System Peak |
| GSR | Generation Supplied Reactive |
| GRSPs | General Rate Schedule Provisions |
| GTA | General Transfer Agreement |
| GWh | gigawatthour |
| HLH | Heavy Load Hour(s) |
| HOSS | Hourly Operating and Scheduling Simulator (computer model) |
| HYDSIM | Hydrosystem Simulator (computer model) |
| IE | Eastern Intertie |
| IM | Montana Intertie |
| inc | increase, increment, or incremental |
| IOU | investor owned utility |
| IP | Industrial Firm Power |
| IPR | Integrated Program Review |
| IR | Integration of Resources |
| IRD | Irrigation Rate Discount |
| IRM | Irrigation Rate Mitigation |
| IRPL | Incremental Rate Pressure Limiter |
| IS | Southern Intertie |
| kcfs | thousand cubic feet per second |
| kW | kilowatt |
| kWh | kilowatthour |
| LDD | Low Density Discount |
| LGIA | Large Generator Interconnection Agreement |
| LLH | Light Load Hour(s) |
| LPP | Large Project Program |
| LPTAC | Large Project Targeted Adjustment Charge |
| LTF | Long-term Form |
| Maf | million acre-feet |

| | |
|---|---|
| Mid C | Mid Columbia |
| MMBtu | million British thermal units |
| MNR | Modified Net Revenue |
| MRNR | Minimum Required Net Revenue |
| MW | megawatt |
| MWh | megawatthour |
| NCP | Non-Coincidental Peak |
| NEPA | National Environmental Policy Act |
| NERC | North American Electric Reliability Corporation |
| NFB | National Marine Fisheries Service (NMFS) Federal Columbia River Power System (FCRPS) Biological Opinion (BiOp) |
| NLSL | New Large Single Load |
| NMFS | National Marine Fisheries Service |
| NOAA Fisheries | National Oceanographic and Atmospheric Administration Fisheries |
| NOB | Nevada-Oregon border |
| NORM | Non-Operating Risk Model (computer model) |
| Northwest Power Act | Pacific Northwest Electric Power Planning and Conservation Act |
| NP-15 | North of Path 15 |
| NPCC | Pacific Northwest Electric Power and Conservation Planning Council |
| NPV | net present value |
| NR | New Resource Firm Power |
| NRFS | NR Resource Flattening Service |
| NT | Network Integration |
| NTSA | Non-Treaty Storage Agreement |
| NUG | non-utility generation |
| NWPP | Northwest Power Pool |
| OATT | Open Access Transmission Tariff |
| O&M | operation and maintenance |
| OATI | Open Access Technology International, Inc. |
| OS | Oversupply |
| OY | operating year (August through July) |
| PDCI | Pacific DC Intertie |
| Peak | Peak Reliability (assessment/charge) |
| PF | Priority Firm Power |
| PFp | Priority Firm Public |
| PFx | Priority Firm Exchange |
| PNCA | Pacific Northwest Coordination Agreement |
| PNRR | Planned Net Revenues for Risk |
| PNW | Pacific Northwest |
| POD | Point of Delivery |
| POI | Point of Integration or Point of Interconnection |
| POR | Point of Receipt |
| Project Act | Bonneville Project Act |
| PS | Power Services |
| PSC | power sales contract |

| | |
|---|---|
| PSW | Pacific Southwest |
| PTP | Point to Point |
| PUD | public or people's utility district |
| PW | WECC and Peak Service |
| RAM | Rate Analysis Model (computer model) |
| RCD | Regional Cooperation Debt |
| RD | Regional Dialogue |
| REC | Renewable Energy Certificate |
| Reclamation | U.S. Bureau of Reclamation |
| RDC | Reserves Distribution Clause |
| REP | Residential Exchange Program |
| REPSIA | REP Settlement Implementation Agreement |
| RevSim | Revenue Simulation Model |
| RFA | Revenue Forecast Application (database) |
| RHWM | Rate Period High Water Mark |
| ROD | Record of Decision |
| RPSA | Residential Purchase and Sale Agreement |
| RR | Resource Replacement |
| RRS | Resource Remarketing Service |
| RSC | Resource Shaping Charge |
| RSS | Resource Support Services |
| RT1SC | RHWM Tier 1 System Capability |
| SCD | Scheduling, System Control, and Dispatch rate |
| SCS | Secondary Crediting Service |
| SDD | Short Distance Discount |
| SILS | Southeast Idaho Load Service |
| Slice | Slice of the System (product) |
| T1SFCO | Tier 1 System Firm Critical Output |
| TCMS | Transmission Curtailment Management Service |
| TGT | Townsend-Garrison Transmission |
| TOCA | Tier 1 Cost Allocator |
| TPP | Treasury Payment Probability |
| TRAM | Transmission Risk Analysis Model |
| Transmission System Act | Federal Columbia River Transmission System Act |
| Treaty | Columbia River Treaty |
| TRL | Total Retail Load |
| TRM | Tiered Rate Methodology |
| TS | Transmission Services |
| TSS | Transmission Scheduling Service |
| UAI | Unauthorized Increase |
| UFT | Use of Facilities Transmission |
| UIC | Unauthorized Increase Charge |
| ULS | Unanticipated Load Service |
| USACE | U.S. Army Corps of Engineers |
| USBR | U.S. Bureau of Reclamation |
| USFWS | U.S. Fish & Wildlife Service |

| | |
|---|---|
| VERBS | Variable Energy Resources Balancing Service |
| VOR | Value of Reserves |
| VR1-2014 | First Vintage Rate of the BP-14 rate period (PF Tier 2 rate) |
| VR1-2016 | First Vintage Rate of the BP-16 rate period (PF Tier 2 rate) |
| WECC | Western Electricity Coordinating Council |
| WSPP | Western Systems Power Pool |

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# 1. INTRODUCTION TO THE TRANSMISSION RATES STUDY

## 1.1 Purpose

The Transmission Rates Study describes the rate design process and the calculations used for developing transmission rates for BPA's wholesale transmission services for fiscal years (FY) 2018 and 2019. The primary purpose of this Study is to demonstrate that the rates have been developed in a manner consistent with statutory directives and will recover the transmission revenue requirement for the rate period. The transmission rates can be found in the Transmission, Ancillary, and Control Area Service Rate Schedules, BP-18-A-04-AP04.

This Study also discusses the development and calculation of rates for two ancillary services that are associated with transmission service: (1) Scheduling, System Control, and Dispatch (SCD) Service, and (2) Reactive Supply and Voltage Control from Generation Sources Service (also known as Generation Supplied Reactive (GSR) Service). The Generation Inputs Testimony, BP-18-E-BPA-18, discusses the generation inputs settlement proposal and the rates for the ancillary and control area services covered by the settlement proposal. Fredrickson & Fisher, BP-18-E-BPA-18.

This Study is organized into seven sections. The first is this introduction, which includes a discussion of the statutory and contractual basis for rate development and an overview of the rate design process and methodology. Section 2 describes the sales and revenue forecasts used to calculate the rates for network and intertie services. Section 3 describes revenue credits and other adjustments that are applied to the revenue requirements. Section 4 describes the calculation of the rates for transmission service over the Network segment. Section 5 describes the calculation of the rates for intertie transmission services. Section 6 describes the calculation of the rates for SCD and GSR services. Section 7 discusses other transmission services and the General Rate Schedule Provisions (GRSPs). The Transmission Rates Study includes the documentation to support the calculations performed in this Study.

## 1.2 Basis for Rate Development

### 1.2.1 Statutes

In accordance with Section 4 of the Federal Columbia River Transmission System Act (Transmission System Act), BPA constructs, operates, and maintains the Federal Columbia River Transmission System (FCRTS) to (a) integrate and transmit electric power from existing or additional Federal or non-Federal generating units; (b) provide service to BPA customers; (c) provide interregional transmission facilities; and (d) maintain the electrical stability and reliability of the system. 16 U.S.C. § 838b.

Section 7(a) of the Northwest Power Act sets forth the overall guidelines to be used in establishing BPA's rates. 16 U.S.C. § 839e. Under Section 7(a)(2), rates are effective upon a finding by the Federal Energy Regulatory Commission (Commission or FERC) that the rates:

- are sufficient to ensure repayment of the Federal investment in the Federal Columbia River Power System over a reasonable number of years after first meeting the BPA Administrator's other costs;
- are based upon the BPA Administrator's total system costs; and

- insofar as transmission rates are concerned, equitably allocate the costs of the Federal transmission system between Federal and non-Federal power utilizing the FCRTS. *Id.* § 839e(a)(2).

Section 9 of the Transmission System Act provides that rates shall be established (1) to encourage the widest possible diversified use of electric power at the lowest possible rates consistent with sound business principles; (2) to recover the cost of producing and transmitting electric power, including amortization of the capital investment allocated to power over a reasonable number of years; and (3) at levels that produce such additional revenues as may be required to pay the principal, premiums, discounts, expenses, and interest in connection with bonds issued under the Transmission System Act. 16 U.S.C. § 838g. Section 10 of the Transmission System Act allows for uniform rates and specifies that the costs of the Federal transmission system be equitably allocated between Federal and non-Federal uses of the system. *Id*. § 838h.

Section 212(i) of the Federal Power Act sets forth additional ratemaking requirements for transmission rates for transmission service ordered by the Commission. *Id.* § 824k(i). Section 211A of the Federal Power Act authorizes the Commission to require unregulated transmitting utilities (including BPA) to provide transmission service at rates comparable to those that the unregulated transmitting utilities charge themselves. *Id*. § 824j–1.

### 1.2.2 Existing Contractual Arrangements

The transmission rates developed in this Study will apply to existing agreements and to new agreements established under BPA's Open Access Transmission Tariff (OATT) for the FY 2018 to 2019 rate period. For some contracts, such as Direct Service Industry (DSI) delivery contracts, rates change according to a contract schedule independent of the rate proceeding. Under those contracts, new rates will apply only if the rate is due to change under the contract schedule. Other contracts, such as Operations and Maintenance (O&M) and Use-of-Facilities (UFT) contracts, are fixed-price or formula rate contracts and are not affected by the rate design process discussed in this Study.

## 1.3 Overview of Transmission Rate Design Process and Methodology

BPA establishes transmission rates by determining the overall costs of the transmission system (revenue requirement) and allocating those costs to its various customer classes through processes of segmentation (discussed below) and cost allocation. The costs allocated to the various segments and customer classes are then divided by the forecast usage of those segments and customer classes to derive transmission rates.

This Study relies on the results of the Transmission Segmentation Study and the Transmission Revenue Requirement Study to calculate the rates. Sections 1.3.1 and 1.3.2 provide an overview of these studies.

### 1.3.1 Transmission Segmentation Study

BPA assigns transmission facilities to segments based on how those facilities are used. The Transmission Segmentation Study, BP-18-FS-BPA-07, explains how BPA established its segments for the FY 2018–2019 rate period and determined the investment and O&M expense ratios for each segment. BPA has established seven segments for the purposes of developing rates for the rate period: Generation Integration, Network, Southern Intertie, Eastern Intertie, Utility Delivery, DSI Delivery, and Ancillary Services.

The gross investment and historical O&M costs for each segment are identified in the Transmission Segmentation Study. These inputs are used in the Transmission Revenue Requirement Study to develop segmented investment ratios (the percentage of total net plant investment represented by each segment's plant investment) and O&M cost ratios (the share of total O&M costs represented by each segment's historical O&M costs). In the Transmission Revenue Requirement Study, these ratios are used to determine the portion of the transmission revenue requirement that is allocated to each segment.

### 1.3.2 Transmission Revenue Requirement Study

The Transmission Revenue Requirement Study, BP-18-FS-BPA-09, establishes the amount of revenue needed to recover the costs associated with providing transmission services for the rate period. The revenue requirement is based on program-level expenses and capital expenditures developed in the 2016 Capital Investment Review and Integrated Program Review processes, which preceded the rate development process.

The Transmission Revenue Requirement Study determines the revenue requirements for each segment (the segmented revenue requirement) by applying the investment and O&M ratios developed in the Transmission Segmentation Study to the overall transmission revenue requirement.  The segmented transmission revenue requirement for FY 2018–2019 is shown in Table 1 in this Study.  Section 2 of the Transmission Revenue Requirement Study, BP-18-FS-BPA-09, describes this allocation.

#### 1.3.3 Transmission Rates Study

Development of the rates for the transmission and ancillary services addressed in this Study relies on two primary inputs: (1) sales forecasts developed as part of this Study; and (2) the segmented transmission revenue requirements developed in the Transmission Revenue Requirement Study.  This Study takes the segmented transmission revenue requirements, allocates these revenue requirements to the various transmission services, and divides the allocated revenue requirements by the sales forecasts for each transmission service to calculate a rate for each service.  This Study demonstrates that the rates have been developed in a manner consistent with statutory directives and that they are sufficient to recover the allocated transmission revenue requirement for the rate period.

# 2. SALES AND REVENUE FORECASTS

## 2.1 Overview

This Study forecasts sales for each of the transmission services and certain ancillary services for purposes of developing rates. Transmission sales forecasts are generally based on either forecast load or contract transmission demand, depending on the type of transmission service. This Study uses the sales forecast for two purposes: 1) as the basis for the transmission revenue forecasts, which determine the expected levels of revenue for the rate period from transmission and ancillary services rates and other sources; and 2) in the calculation of rates, as described below.

BPA prepared two revenue forecasts for the FY 2018–2019 rate period, both are based on the sales forecast in Tables 4 and 5. One forecast applies the current (BP-16) rates to forecast sales and the other applies the proposed (BP-18 Final Proposal) rates to the same sales forecast. These revenue forecasts are used in the Transmission Revenue Requirement Study to test whether current rates are sufficient to recover the transmission revenue requirement and whether proposed rates are sufficient to recover the transmission revenue requirement. *See* Transmission Revenue Requirement Study, BP-18-FS-BPA-09, §§ 3.2, 3.3.

Sales forecasts are discussed further in Sections 2.2, 2.3, 2.4, and 2.5 below and are shown on Tables 4, 5, 9, 10.1, 13.1, 13.2, 14.1, 14.2, and 15 in this Study. Revenue forecasts are discussed further in Section 2.6, and the revenue forecasts at current and proposed rates are shown in Table 12.

In addition, BPA forecasts transmission credits and related interest expense associated with generator interconnection agreements and the California-Oregon Intertie (COI) upgrade project. These transmission credits are applied to customers' invoices for transmission service and result in non-cash revenue (the related interest expense represents non-cash expenses). The non-cash revenues are included in the revenue forecasts because the transmission services to which they apply are included in the sales forecasts. BPA forecasts the transmission credits separately because the non-cash revenues and expenses have other impacts on revenue requirements and cost recovery. These impacts are described further in Section 2.2.5 of the Transmission Revenue Requirement Study, BP-18-FS-BPA-09. The development of these credits are described later in this document.

## 2.2 Sales Forecasts for Transmission Service on BPA's Network

Sales forecasts for long-term transmission services are generally based on measures of use to which the charges for the service are applied. Sales forecasts of Network Integration (NT) transmission service are based on load forecasts because the charges for this transmission service are based on the customers' loads. Sales forecasts of long-term Point-to-Point (PTP) transmission service, Integration of Resources (IR) transmission service, and Formula Power Transmission (FPT) service are based on transmission contract demand or reserved capacity because the charges for these services are based on the demand or capacity amounts specified in the customers' transmission contracts. BPA includes both existing sales and expected future sales in the forecasts.

Because short-term PTP service is not reserved far in advance, there are no existing reserved capacities during the rate period on which to base the sales forecast. Instead, the forecast is developed using the statistical relationship between historical short-term sales data and historical price spread and streamflow data. It is assumed that the historical relationship represents the future relationship between short-term sales and streamflow and forecast price spread. The methodology for forecasting sales for each transmission service is discussed in more detail below.

### 2.2.1 Sales Forecast for NT Transmission Service

Network Integration service provides transmission service for a customer's designated network load, including network load growth, over the Network segment. BPA develops two versions of monthly load forecasts for NT service: a non-coincident peak forecast and a coincident peak forecast. The non-coincident peak forecast, which is used in the Network segment cost allocation methodology, is a forecast of the customer's highest hourly load. The customer's highest hourly load is the sum of the hourly load at the customer's Point(s) of Delivery (PODs) on the hour of the month in which this sum is the highest. The coincident peak forecast, which is used to calculate the NT rate and to develop the sales forecasts used to forecast revenue at the current and proposed NT rates, is a forecast of the customer's load at each POD on the hour of the monthly BPA transmission system peak. These load forecasts include all retail loads (residential, commercial, and industrial loads) in the customer's service territory.

#### 2.2.1.1 Determination of a Customer's Non-Coincident Peak Load Forecast

BPA uses a multi-step process to determine NT customers' non-coincident peak POD load forecasts. Steps 1 and 2 describe how BPA determines the customer's maximum hourly load at the customer's PODs during each month of the rate period. Steps 3 and 4 explain how BPA adjusts the maximum hourly load forecast to determine the sum of the hourly load at the customer's PODs on the hour in which this sum is the highest (the highest hourly load). The non-coincident peak load forecast is used for the Network segment cost allocation, described in Section 4.

**Step 1: Regression Analysis of Historical Meter Readings**

BPA uses a regression analysis to identify the historical relationship between POD load levels and temperature. A regression analysis evaluates how one variable (in this case load levels) changes, given changes in independent variables (such as temperature). The regression analysis identifies the statistical relationship between historical load levels at individual PODs and temperature, among other variables. For historical load level data, the analysis typically uses historical monthly meter readings from individual PODs from 2003 to 2015, a period of time that includes a large enough sample to perform meaningful statistical analysis. A shorter period is used for any customer for which these years would not accurately reflect load growth, such as a customer that added a sizeable new load in recent years.

For temperature data, BPA uses actual historical temperatures from National Oceanic and Atmospheric Administration weather stations from the same time period. For each POD, the analysis uses temperature data from a weather station near the POD and identifies the relationship between the load levels and temperature. The model confirms that both increasing and decreasing temperatures can result in increasing load levels. Increasing temperatures lead to greater use of air conditioning during warm weather periods, while decreasing temperatures lead to greater use of heating equipment during cold weather periods.

The analysis also calculates the relationship between load levels and month of the year. The analysis confirms that in certain months loads are typically higher than in other months, regardless of temperature. For example, January loads are typically higher than March loads because there are fewer daylight hours and, thus, more lighting use in January than in March. As another example, December loads tend to be higher because of increased use of decorative lighting for the holiday season. The analysis determines the amount by which load changes in each month, regardless of temperature. A variable assigned to each month, referred to as the monthly indicator variable, represents the amount by which load varies in each month.

Finally, individual PODs may have a load shape that is independent of the temperature and monthly variables. Energy efficiency measures, new construction, economic cycles and population changes affect electrical consumption and can increase or decrease load at a POD. Therefore, the analysis calculates how historical load levels at each POD change over time, independent of both temperature and month. A variable assigned to each month, referred to as the time trend variable, represents the amount by which load changes over time independent of other variables.

BPA uses a forecasting model that incorporates the relationships identified by the regression analysis for each POD and applies indicators of future conditions, discussed below, to develop the load forecast. The model assumes that historical relationships between the dependent variable (load) at each POD and the independent variables (temperature, the monthly indicator, and the time trend variable) represent future relationships. The model applies variables representing possible future conditions to the relationships to produce a load forecast.

**Step 2: Application of Indicators of Future Conditions to Model Forecast Load at Each POD**

BPA forecasts the maximum hourly load at each POD in the customer's contract for each month of the billing period, using the relationships identified in the regression analysis. BPA inputs into the model independent variables that represent possible future conditions. The variables include a temperature indicator, a monthly indicator, and time trend variables discussed above.

A temperature indicator is the average heating degree days and cooling degree days. Heating and cooling degree days are calculated from daily average temperatures between 1970 and 2004 and area base temperatures for the geographic area. The daily average temperature is the average of the daily minimum and maximum outdoor temperatures on a given day. The area base temperature is the temperature that reflects the use of heating and cooling equipment in that area and other characteristics of the residential, commercial, and industrial load. Heating degree days are days that the daily average temperature is below the area base temperature for the geographic area. Cooling degree days are days that the daily average temperature is above the area base temperature for the geographic area. There is a positive relationship between heating and cooling degree days and load change.  More heating degree days mean colder than average temperatures and higher loads from increased use of heating equipment.  More cooling degree days mean warmer than average temperatures and higher loads from increased use of air conditioning equipment.

The model next applies a monthly indicator variable and the time trend variable to forecast loads for each future month being evaluated.  The monthly indicator variable triggers the model to include in the forecast the amount by which historical loads in that month have tended to change over time, regardless of temperature.  For example, if the month being forecast is January, the model forecasts loads based on the amount by which loads in January are historically higher than loads in other months, regardless of temperature.  Similarly, the time trend variable triggers the model to include in the forecast the amount by which historical loads have changed over time, regardless of temperature and monthly indicator.  For example, if the forecast is being developed for June in the first year of the rate period, the model will forecast loads differently, based on historical time trends from Step 1, than it would if the forecast were for June of the second year of the rate period.  The time trend variable triggers the model to incorporate into the forecast the amount of load increase that is not attributable to temperature or calendar month.

After the inputs are included in the model, the model produces a forecast of the maximum hourly load at each POD for each month of the rate period.

**Step 3: Adjustment of Maximum Hourly Load at the PODs**

Because the maximum hourly load at each POD may not occur on the hour of the month in which the sum of the customer's load at all of its PODs is highest, BPA adjusts the forecast of the maximum hourly load at each POD by a coincident factor for each month. The coincident factor is the average of the ratios of the historical POD load on the hour of the customer's monthly peak load to the historical POD load on the hour of that POD's peak load during the same month, for the same years used for the regression analysis (typically 2003 to 2016). For example, to determine the July coincident factor, first BPA determines the ratio for each July of the historical period. The ratio for July 2015, as an example, is calculated by dividing the load at POD A during the hour of the customer's highest hourly load (assume it is 3 MW and occurs at 1:00 p.m. on July 7, 2015) by the maximum load at POD A (assume it is 4 MW at 2:00 p.m. on July 8, 2015). In this example, the ratio would be 3 divided by 4, which equals 75 percent. Next, BPA averages the July ratios in the historical period to determine a July coincident factor. BPA multiplies the forecast of the maximum hourly load for the month at the POD by its monthly coincident factor to determine the forecast POD load on the hour of the customer's peak load for the month.

**Step 4: Determination of Customer's POD Load Forecast**

BPA adds the adjusted POD load forecasts to determine the customer's highest hourly load for that month. The POD load forecast is used for the Network segment cost allocation.

#### 2.2.1.2 Determination of Customer's Coincident Peak POD Load Forecast

BPA forecasts the customer's coincident peak load on the hour of the monthly BPA transmission system peak to calculate the rate and to develop the sales forecasts to forecast revenue at the current and proposed NT rate. BPA develops the coincident peak forecast using the same methodology used for the non-coincident peak POD load forecast described above in steps 1 and 2 of Section 2.2.1.1 (BPA does not use steps 3 and 4). Next, BPA adjusts the maximum hourly load forecast for the POD to reflect the load on the hour of BPA's monthly transmission system peak. (The billing factor for the NT-18 rate is the customer's load on the hour of BPA's monthly transmission system peak.) These sales forecasts are shown in Table 4, lines 16-19, 35-38, and 51-54. The forecast of revenue at current rates is shown in Table 12.

#### 2.2.1.3 NT Sales Forecast

As noted above, this Study develops a non-coincident peak NT load forecast for cost allocation and a coincident peak NT load forecast to calculate the NT rate and for the NT sales forecast used in the revenue forecast. *See* Table 4 (the non-coincident peak NT load forecasts developed in Section 2.2.1.1 for FY 2018–2019 and the average over the rate period are shown in lines 17, 36, and 52; the coincident peak NT load forecasts developed in Section 2.2.1.2 for FY 2018–2019 and the average over the rate period are shown in lines 13, 32, and 48).

For the Network segment cost allocation (described further in Section 4), BPA reduces the monthly non-coincident peak load forecasts to reflect the impact, in megawatts, of the NT Short Distance Discount (SDD). The SDD applies to a customer's Network Resources that are designated for at least 12 months and that use FCRTS facilities for less than 75 circuit miles for delivery to Network Load. BPA forecasts a reduction in sales due to the SDD by multiplying the average generation of the designated network resource during heavy load hours (HLH) by the SDD formula of 40% × (75 – distance) / 75. *See* Table 4 (forecast NT SDD during the rate period is shown in lines 11 and 30).

For the revenue forecast and as the billing determinant used to calculate the NT rate (discussed further in Section 4), BPA reduces the monthly coincident peak load forecasts to reflect the impact, in megawatts, of the NT SDD. *See* Table 4 (forecasts developed in Section 2.2.1.2 for FY 2018–2019 and the average over the rate period, including a reduction for the NT SDD, are shown in lines 14, 33, and 49). BPA uses the average of the monthly coincident peak load forecasts, including a reduction for the NT SDD, for each fiscal year.

To calculate the NT SCD and GSR Ancillary Services rates (discussed further in Section 6), this Study uses the average of the monthly coincident peak load forecasts, not including a reduction for the NT SDD.

#### 2.2.2 Sales Forecast for PTP Transmission Service on the Network

PTP transmission service provides for the transmission of energy on a firm or non-firm basis from specific point(s) of receipt to specific point(s) of delivery under Part II of BPA's OATT. PTP service may be long-term (one year or longer) or short-term (hourly, daily, weekly, or monthly service). BPA separately forecasts sales of long-term and short-term PTP transmission service on the Network.

#### 2.2.2.1 Long-Term PTP Transmission Service Sales Forecast

This Study includes forecasts of both existing sales and expected additional sales of long-term PTP service on the Network during the rate period. The forecast of existing long-term PTP sales is based on:

(a) current long-term reserved capacities effective through the FY 2018–2019 rate period. This forecast includes all confirmed reservations for service during the rate period, including confirmed reservations for Conditional Firm Service; and

(b) current long-term firm reserved capacities with start dates that have been deferred pursuant to OATT Section 17.7 (extensions for commencement of service), which reduce the sales forecast for the period of the deferral.

The forecast of expected additional long-term PTP sales on the Network is based on:

(a) long-term sales that have not yet been requested, but are expected to be requested and begin during the rate period, including renewals of service under OATT Section 2.2 (associated with existing agreements);

(b) Network Open Season reservations that are expected to be confirmed during the rate period (that is, service BPA expects to offer as a result of new or additional infrastructure BPA plans to place into service during the rate period);

(c) long-term PTP sales to customers whose existing IR or FPT agreements are expiring during the rate period and that are expected to convert their transmission to PTP service on the Network; and

(d) expected OATT Section 17.7 customer deferrals (extensions for commencement of service), which reduce the sales forecast for the period of the deferral.

In forecasting expected additional long-term PTP sales on the Network, BPA also considers a variety of information sources.  BPA examines requests in the queue.  BPA consults with customers, account executives, and others with knowledge about long-term PTP requests concerning expected service demand, start date, length of the service, and whether the customer is expected to accept the offer.  BPA also considers the potential for additional sales as a result of new or changed business practices that are expected to be in effect during the rate period.  The forecast reflects the most likely scenario based on this information.  If there is a great deal of uncertainty in the information gathered through this process, BPA looks at historical sales to the customer to determine whether the additional sales should be included in the forecast.

Table 4 also includes adjusted forecasts that are developed in this Study to reflect the impact of the SDD in the PTP rate schedules.  The PTP SDD applies to the contract demand for any long-term reservation using less than 75 circuit miles of BPA transmission.  The adjusted forecasts are developed by multiplying the reserved capacity for each reservation or request to which the SDD applies by the distance-based percentage: 40% × (75 – distance) / 75.  This adjustment is made to both existing and expected sales to which the SDD applies.

This Study calculates the average of the monthly sales forecasts, including the reduction for the SDD, over the rate period and for each fiscal year.  The average of the monthly sales forecasts for each fiscal year, including the reduction for the SDD, is used to establish the revenue forecast from long-term PTP sales.  The average of the sales forecasts over the rate period, not including the reduction for the SDD, is used for the Network segment cost allocation, discussed in Section 4.

This Study uses the average PTP sales forecast for each fiscal year, not including the reduction for the SDD, to calculate an average for the rate period, which is used to establish the sales forecast for SCD and GSR services (described further in Section 2.4). *See* Table 4.

#### 2.2.2.2 Short-Term PTP Network Sales Forecast

Short-term PTP sales are firm or non-firm sales of less than one year, including monthly, weekly, daily, and hourly sales. Because short-term PTP service is not reserved far in advance, there are no existing reserved capacities on which to base the sales forecast. Therefore, the forecast of short-term PTP sales expected to occur during the rate period is developed with a regression model that relies on key market variables – streamflow and price spreads. This method develops a forecast that reflects (1) historical relationships between sales and market indicators and (2) expected market conditions over the rate period.

BPA performs a regression analysis to determine the statistical relationship between short-term PTP sales and market indicators (streamflow and price spread). The streamflow data used is historical regulated streamflow at The Dalles, obtained from the U.S. Geological Survey (USGS). The price spread data used is historical day-ahead power prices at North-of-Path 15 (NP-15, a weighted price of Northern California) and at Mid-Columbia (Mid-C, a trading point in the Pacific Northwest) obtained from Intercontinental Exchange (ICE, an operator of over-the-counter electricity markets) and the California Independent System Operator. The analysis uses historical data from October 2006 through April 2016 for all sets of data—sales, streamflow, and price spread.

BPA performs one regression analysis for BPA Power Services' short-term PTP reservations and another for all other customers' short-term PTP reservations. BPA analyzes BPA Power Services' reservations separately from other customers because its reservations correlate with different variables than other customers. For sales of short-term PTP service to BPA's Power Services, the regression analysis is performed on historical short-term PTP sales against streamflow only, because as streamflow increases, short-term sales to Power Services tend to increase, while price spread and seasonality do not tend to influence short-term sales for Power Services. This is because streamflow at The Dalles is a proxy for power generated on the Federal Columbia River Power System (FCRPS). This generation can occur whether or not there are strong price spreads that incentivize generation. For short-term PTP sales to customers other than BPA Power Services, BPA performs the regression analysis on historical short-term PTP sales against streamflow, price spread, and seasonality. For these customers, there is a significant statistical relationship between sales and streamflow, price spread, and seasonality.

The forecast for future market conditions (streamflow, price spread and seasonality) are inputs to the development of the rate forecast. The streamflow model uses average streamflow at The Dalles from 1950 through 2015. This dataset has streamflow data for each month in each of those years. The price spread forecast is derived from Mid-C and NP-15 forward prices obtained from AURORAxmp®. These forward prices represent expected power prices during the rate period. The Mid-C forecast price is subtracted from the NP-15 forecast price to obtain the price spread input to the forecasting model to predict future sales. To account for monthly seasonality, the model incorporates dummy variables to capture the monthly trends of short-term sales observed in the first step.

BPA incorporates uncertainty around the streamflow, price spread and other parameters using a Microsoft Excel add-in, @RISK®, Professional version 6.1.1 (© Palisade Corporation). @RISK® uses a Monte Carlo-based simulation (a method that uses repeated simulations to determine a range of possible outcomes) to run 3,500 short-term sales forecasting iterations to generate the distribution of possible sales under a variety of streamflow and price spread conditions. BPA also models risk around the forecast of other market indicators that are used to develop the sales forecast. BPA models variability in streamflow using the 1950–2015 streamflow dataset for the Columbia River at The Dalles. To determine the variability for price spread used in @RISK®, BPA uses ICE forward prices for Mid-C and NP-15 to represent expected power prices during the rate period. The model creates variability around the AURORAxmp® prices by inputting factors that affect power prices, such as natural gas prices, Columbia River streamflows, and ambient temperatures in the BPA load area. By running games that randomly sample natural gas, streamflow, and temperature data and applying that data to the historical relationships between these factors and power prices, the model produces power prices at Mid-C and NP-15 for each month, which are adjusted for natural gas price, streamflow, and seasonal variation. The outcome of each game is a forecast for short-term sales for each month of each year of the rate period, given the assumed market conditions. The resulting forecast of short-term sales for each month of the rate period is the mean, or average, of the 3,500 games.

BPA then allocates the total short-term sales forecast (for sales to Power Services and to all customers other than Power Services) for each month across the different short-term services (monthly, weekly, daily, and hourly service), resulting in a forecast for sales under the Hourly, Block 1 (days 1-5), and Block 2 (days 6+) rates for each month of the rate period. This allocation is made by applying the historical distribution of short-term sales across the three rates, using sales data from October 2006 through April 2016 (the same data used to forecast total short-term sales). This allocation determines the overall short-term PTP sales forecasts for each month under each rate. The forecast of short-term PTP sales is shown in Table 5.

#### 2.2.3 Sales Forecast for IR Transmission Service

Integration of Resources contracts are transmission service agreements under which customers integrate multiple resources and transmit non-Federal power over BPA's Network and Delivery facilities to multiple points of delivery on the customer's system. With BPA's agreement, firm transmission deliveries may be made to other points on BPA's Network, such as to an intertie. Customers may schedule non-firm transmission under IR contracts from alternate points of integration or to alternate points of delivery, such as to the Southern Intertie, at the IR rate up to the contractually specified total transmission demands, subject to the availability of transmission capacity. The transmission demand associated with IR contracts is not transferable to third parties.

The sales forecast of IR service is the sum of the contract demands in each IR contract. For IR agreements that expire during the rate period, the forecast includes only the revenues associated with the agreements while they are in effect. During the rate period, BPA anticipates average IR sales of 244 MW during FY 2018 and no IR sales in FY 2019. Table 4, lines 5, 24. No IR sales are forecast for FY 2019 because the remaining 266 MW of IR agreements expire after August of 2018. BPA expects all of the expiring IR agreements to convert to OATT service on the Network. BPA includes expected conversions in the sales forecasts for OATT service on the Network by increasing the PTP sales forecast by the number of megawatts expected to convert to OATT service.

The sales forecast is shown in Table 4. The fiscal year averages of the sales forecasts are used to calculate forecast revenues in Table 12. The average monthly sales over the rate period is used for the Network segment cost allocation and in the sales forecast for SCD.

#### 2.2.4 Sales Forecast for FPT Service

Formula Power Transmission contracts are transmission service agreements that provide firm transmission of non-Federal power on the Network for both full-year and partial-year service. The forecast of sales of FPT service is the sum of the contract demands in each FPT contract. For FPT agreements that expire during the rate period, the forecast includes only the sales associated with the agreements while they are in effect. During the rate period, FPT agreements totaling 83 MW will expire. This figure is shown in the reduction in the FPT sales forecasts for FY 2019 in Table 4, lines 22 and 23. BPA expects the agreements that are expiring to convert to OATT service on the Network. BPA includes expected conversions in the sales forecasts for OATT service on the Network by increasing the PTP sales forecast by the number of megawatts expected to convert to OATT service. The adjustment for each contract is made beginning with the month that the FPT contract expires. The fiscal year averages of the sales forecasts are used to forecast revenues.  The sales forecast for FPT is not used for the Network segment cost allocation or in the sales forecast for SCD and GSR, as described in Sections 2.4 and 4.1.

### 2.3 Sales Forecasts for Transmission Service on BPA's Interties

BPA segments the facilities comprising its external interconnections with California/Nevada (Southern Intertie) and Montana (Eastern Intertie) separately from its Network facilities.

#### 2.3.1 Sales Forecast for IS Transmission Service

BPA offers PTP transmission service on the Southern Intertie.  BPA separately forecasts sales of long-term and short-term transmission service on the Southern Intertie.

##### 2.3.1.1 Sales Forecast for Long-Term IS Transmission Service

Forecasts of long-term IS sales include existing and expected long-term sales.  The forecast of existing long-term sales is based on:

(a) current confirmed long-term reserved capacities effective through the FY 2018–2019 rate period; and

(b) confirmed OATT 17.7 customer deferrals (extensions for commencement of service), which reduce the Intertie sales forecast for the duration of the deferral.

Long-term capacity on the Southern Intertie is almost fully subscribed in the north to south direction, meaning that BPA cannot make additional sales unless existing agreements terminate or are not renewed, or until reliability upgrades on the Pacific DC Intertie (PDCI) increase transfer capability. There is no assumption for increased sales south to north. As a result, the forecast of additional expected long-term IS sales is based on:

(a) long-term sales that have been requested, such as OATT Section 2.2 renewals (associated with existing agreements) and sales that BPA expects to make if an existing agreement is not renewed; and

(b) expected OATT Section 17.7 deferrals during FY 2018–2019 (extensions for commencement of service), which reduce the long-term IS sales forecast for the duration of the deferral.

In developing the long-term IS sales forecasts, BPA examines requests in the queue that are seeking service. BPA also consults with customers, account executives, and other subject matter experts about expected long-term IS requests that could be offered service. BPA receives information on expected service demand, start date, and length of the service, and whether the customer is expected to accept the offer. The forecast reflects the most likely scenario based on this information. If there is a great deal of uncertainty in the information gathered through this process, BPA also reviews historical sales to the customer to determine whether to include the additional sales in the forecast.

Table 4 includes the forecasts of confirmed IS sales and expected additional sales for each month of the rate period. Table 4 also shows the total forecast of long-term IS sales (the sum of existing sales and expected additional sales), the fiscal year averages, and the averages for the entire rate period. The fiscal year averages are used to forecast revenues, and the average forecast over the rate period is used in the sales forecast for SCD and GSR.

#### 2.3.1.2 Sales Forecast for Short-Term IS Transmission Service

Short-term IS sales are firm or non-firm sales of less than one year and include monthly, weekly, daily, and hourly sales. Because short-term IS service is not reserved far in advance, there are no existing reservations for this service on which to base the sales forecast. Therefore, the forecast of short-term IS sales expected to occur during the rate period is based on historical short-term sales data and price spreads between the Mid-Columbia trading hub and California energy prices. The price spread data used is historical day-ahead power prices at North-of-Path 15 (NP-15, a weighted price of northern California prices), South-of-Path 15 (SP-15, a weighted price of southern California prices) and at Mid-Columbia (Mid-C, a trading point in the Pacific Northwest) obtained from Intercontinental Exchange (ICE, an operator of over-the-counter electricity markets) and the California Independent System Operator.

Original hourly reservations in the north to south direction are forecast using models developed with regression analysis. The analysis uses historical data from October 2009 through April 2016. BPA performed separate regression analysis for hourly north to south reservations on the COI and hourly reservations on the PDCI. The regression model for the COI estimates the statistical relationship between hourly reservations and the price spread between the Mid-Columbia trading hub and North of Path 15 trading hub net of BPA Southern Intertie hourly transmission costs. As the price spread between the two trading hubs increases, so does the mean or expected value of hourly reservations and the variance of the hourly reservations. At a higher price spread, the model would estimate a higher expected volume of hourly reservations and a higher variability of the volume of hourly reservations. BPA anticipates that the proposed increase to the rate for hourly transmission on the Southern Intertie will have the same effect on demand as a decrease in the price spread. By including both the price spread and the rate for hourly transmission in the model, BPA is able to forecast anticipated hourly reservations given a future price spread and transmission rate estimate. To estimate hourly north to south reservations in the rate period, BPA assumed the hourly non-firm rate would be $10.00 mills/kWh. BPA made this assumption because it did not know what the hourly transmission rate would be for the BP-18 rate period and this was the rate Staff proposed in the Initial Proposal. The regression model for hourly reservations on the PDCI was developed using the same methodology as the COI model, except it uses price spreads between Mid-C and SP-15 net of BPA Southern Intertie transmission costs.

BPA did not include any north to south daily, weekly or monthly reservations in the rate forecast. This is because in the rate period, BPA anticipates long-term reservations will equal both the COI and PDCI scheduling limits in all months of the rate period and there should be no inventory for these products. Historically this has not been true. Prior to FY 2011, BPA did not sell long-term firm up to the COI and PDCI scheduling limits. This allowed for seasonal reservations of daily, weekly and monthly transmission. Upon completion of the COI upgrade, BPA was able to sell up to the scheduling limit with long-term firm transmission, but there were other reasons for daily, weekly, and monthly inventory during certain periods of the year. The reasons included long-term reservations where demand varied by season and timing differences between service for one request ending and new service beginning. No requests with demand that varies by season are in place for the rate period. Assuming all customers decide to renew their service, there should be no daily, weekly, and monthly inventory available for sale.

The forecast of short-term reservations from south to north on the Southern Intertie is based on historical reservations from FY 2014 to FY 2015. BPA used average historical data because that represents a reasonable expectation of reservations in the rate period.

BPA incorporates uncertainty around price spreads and other parameters using a Microsoft Excel add-in, @RISK®, Professional version 6.1.1 (© Palisade Corporation). @RISK® uses a Monte Carlo-based simulation (a method that uses repeated simulations to determine a range of possible outcomes) to run 3,500 short-term sales forecasting iterations to generate the distribution of possible sales under a variety of streamflow and price spread conditions. BPA also models the impact of variation in the forecast market indicators that are used to develop the sales forecast. To determine the variability for price spread used in @RISK®, BPA uses AURORAxmp® prices for Mid-C, NP-15, and SP-15 to represent expected power prices during the rate period. The model creates variability around the AURORAxmp® forwards prices by inputting factors that affect power prices, such as natural gas prices, Columbia River streamflows, and ambient temperatures in the BPA load area. By running games that randomly sample natural gas, streamflow, and temperature data and applying that data to the historical relationships between these factors and power prices, the model produces power prices at Mid-C, NP-15 and SP-15 for each month, which are adjusted for natural gas price, streamflow, and seasonal variation. The outcome of each game is a forecast for hourly sales for each month of each year of the rate period, given the assumed market conditions and variability. The resulting forecast of short-term sales for each month of the rate period is the mean, or average, of the 3,500 games.

One further adjustment is made to the sales forecasts for rate development purposes, as described in Section 4. The average sales forecast (including the sales for all three rates) over the rate period, including this adjustment, is used in the sales forecast for SCD and GSR.

### 2.3.2 Sales Forecast for IM Transmission Service

BPA offers PTP service over its capacity on the Eastern Intertie. The Montana Intertie Agreement between BPA, Avista Corp., NorthWestern Energy, PacifiCorp, Portland General Electric Company, and Puget Sound Energy, Inc., identifies the facilities that constitute the Eastern Intertie (the Townsend-to-Garrison facilities). It also establishes BPA's share of capacity on the Eastern Intertie as any capacity on the line in either direction that is not allocated under the agreement to another party. BPA offers its capacity for sale under the IM rate.

The forecast of IM rate sales is based on contract demand. The IM sales forecast during the FY 2018–2019 rate period totals 16 MW of existing long-term sales in each year of the rate period. Table 4, lines 69, 71. BPA does not forecast any additional long-term IM sales. Historically, BPA has made very few sales of short-term service on the Montana Intertie and does not expect any short-term sales on the Montana Intertie during the rate period. As a result, the sales forecast for short-term IM service is zero.

The sales forecast for IM service is shown in Table 4. The fiscal year average sales forecasts are used to forecast revenues, and the average forecast over the rate period is used in the sales forecast for SCD and GSR.

### 2.4 Sales Forecasts for Ancillary Services: SCD and GSR

BPA provides the Ancillary Services described in Section 3 of its OATT. The two ancillary services customers are required to purchase from BPA are (1) Scheduling, System Control, and Dispatch Service, and (2) Reactive Supply and Voltage Control from Generation Sources Service. The sales forecasts for these Ancillary Services are discussed below.

SCD service is necessary for the provision of basic transmission service within BPA's balancing authority area (the area in which the responsible entity, or balancing authority, must maintain a balance between generation and load (consumption)). System control and communications equipment and dispatch of generating resources and transmission facilities maintain generation and load balance and physical and electronic security requirements for North American Electric Reliability Corporation critical infrastructure facilities, and preserve system reliability for all transactions. SCD service can be provided only by the operator of the balancing authority area in which the transmission facilities used are located, since the service is used to schedule the movement of power through, out of, within, or into the balancing authority area.

GSR Service also is necessary for the provision of basic transmission service within BPA's balancing authority area. GSR is the provision of reactive power and voltage control by generating facilities under the control of BPA as the operator of the balancing authority area. The GSR rate is set on a quarterly basis according to a formula in the GSR rate schedule.

Because all transmission customers taking service within BPA's balancing authority area must purchase SCD and GSR, the sales forecast for both services is the sum of the sales forecasts of the transmission services within BPA's balancing authority area (for NT customers, BPA uses the coincident peak load forecast), with one exception. The FPT sales forecast is not included in the SCD and GSR sales forecast because the FPT rate includes the costs of the SCD and GSR services associated with FPT service. Therefore, the FPT revenues that recover SCD and GSR costs are removed from the SCD and GSR revenue requirement before rates are calculated. The short-distance discount associated with NT and PTP service does not apply to SCD and GSR sales. Therefore, the sales forecast for SCD and GSR is not adjusted to reflect the SDD. The sales forecast used for developing the SCD rate is shown in Table 10.1. The same sales forecast is included in the formula in the GSR rate schedule. *See* Transmission, Ancillary, and Control Area Service Rate Schedules, BP-18-A-04-AP04, ACS-18, § II.B.1.

For purposes of developing revenue forecasts, BPA does not separately forecast sales for SCD and GSR. Instead, the SCD and GSR rates are applied to the sales forecast for long-term and short-term PTP, IS, and IM service and to the coincident peak load forecast for NT service. The IR rate developed in this Study incorporates the SCD and GSR rates developed here. Therefore, BPA does not separately forecast SCD or GSR revenue associated with IR service. IR revenue includes the revenue from those services. *See* Table 12.

### 2.5 Sales Forecast for Utility Delivery Service

Utility customers who utilize facilities in BPA's Utility Delivery segment pay a separate rate for that service. *See* Transmission Segmentation Study and Documentation, BP-18-FS-BPA-07, § 2.5. Sales forecasts of Utility Delivery service are based on load forecasts because the charges for the Utility Delivery service are based on the customers' loads. BPA forecasts sales for Utility Delivery service using coincident peak POD load forecasts, which are used to develop the rate. The POD load forecast for Utility Delivery service is developed in the same manner as is described in Section 2.2.1.1 for the load forecasts for NT service, except that BPA separately calculates the POD load forecast for Utility Delivery customers that take NT service and for the single Utility Delivery customer that takes PTP service. BPA uses the average of the monthly total Utility Delivery POD load forecasts to calculate the Utility Delivery rate, which is discussed in greater detail in Section 7.6.1. The annual sales forecasts are shown in Table 9. For the Utility Delivery revenue forecast, the Utility Delivery customers' monthly POD load forecast is multiplied by the proposed Utility Delivery rate for each month in the rate period.

## 2.6 Revenue Forecasts

The transmission revenue forecasts determine the expected levels of revenue from transmission and ancillary services rates and other sources for the rate period, as indicated in Table 12. As discussed above, this Study includes forecast revenues at current rates and at proposed rates to perform the current revenue test and the revised revenue test. The forecast of revenue at current rates applies the transmission and ancillary services rates placed into effect on October 1, 2015, to the sales forecasts. The forecast of revenue at proposed rates applies the Final Proposal rates to the sales forecasts. The forecasts are used to test whether the current and proposed rates are sufficient to recover the transmission revenue requirement. Sections 3.2 and 3.3 of the Transmission Revenue Requirement Study, BP-18-FS-BPA-09, further describe the revenue tests.

Both revenue forecasts include revenue credits. Section 3 of this Study discusses revenue credits in detail. In general, revenue credits are revenues from sources other than the transmission rates determined in this rate proceeding. This Study includes revenue credits in the revenue forecasts to ensure that the revenue tests performed in the Transmission Revenue Requirement Study incorporate all sources of transmission-related revenue. Table 12 includes all of the revenue credits applied in the revenue forecast.

#### 2.6.1 Forecast of Non-Cash Revenues: Transmission Credits and Interest Expense Associated with Customer-Financed Projects

A portion of the revenues that BPA forecasts is non-cash revenues due to credits that customers receive against their transmission service charges. (BPA provides these credits in two general circumstances, described below.) The credits (non-cash revenues) are forecast as part of this Study and are included in the revenue forecasts discussed above because the transmission services to which they apply are included in the sales forecasts. However, because BPA does not receive the revenue in the form of cash, the credit (and the related interest expense, described below) has a different impact on BPA's revenue requirements and cost recovery than cash revenue. *See* Transmission Revenue Requirement Study, BP-18-FS-BPA-09, § 2.2.5.

BPA forecasts transmission credits and related interest expense associated with generator interconnection agreements and the COI upgrade project. Under the generator interconnection agreements, interconnection customers advance fund Network Upgrades (upgrades to the transmission system at or beyond the point at which the interconnection facilities connect to the transmission system) if BPA, as the transmission provider, does not provide the funding. The advance funds are then returned to the customers, with interest, either as credits to the customers' transmission bills or as monthly cash payments. The credits are applied to transmission service used to transmit power from the generating facility. The cash payments are designed to approximate the comparable credits and are based on the generating facility's capacity and its plant capacity factor. The customer chooses whether to receive credits or cash payments.

BPA also provides transmission credits for customer financing for the COI upgrade. The upgrade increased the availability of the COI and PDCI so that BPA is able to provide long-term firm transmission service up to the full rating of the COI and PDCI. The forecasts of transmission credits and related interest expense include transmission credits related to the COI upgrade and generator interconnection agreements. These credits are expected to expire at the end of FY 2018. The forecasts of transmission credits and related interest expense at current rates and at proposed rates are provided in Tables 16.1 and 16.2.

#### 2.6.2 Forecast of TGT Revenues

The Eastern Intertie segment includes the Townsend-Garrison transmission (TGT) lines and a portion of the Garrison substation facilities. *See* Transmission Segmentation Study and Documentation, BP-18-FS-BPA-07, § 2.4. BPA constructed these facilities under the Montana Intertie Agreement (Contract No. DE-MS79-81BP90210, as amended), under which BPA provides transmission service from the Colstrip generating facility in Montana to BPA's Network. *Id*. As part of the agreement, the Colstrip Parties (Avista, NorthWestern Energy, PacifiCorp, Portland General Electric, and Puget Sound Energy) acquired transmission rights over a portion of the capacity of the Eastern Intertie. BPA receives payments from each party for its share of the Townsend-to-Garrison capacity under the TGT rate. Pursuant to the Montana Intertie Agreement, BPA has the contractual right to exclusively market any remaining transmission capacity in either direction on the Eastern Intertie. During the BP-18 rate period, as stated in the Montana Intertie Agreement, the projected sales for the Colstrip Parties is 1,730 MW of TGT sales. Table 8, line 24. This is anticipated to result in $12.4M of annual revenues. Table 12, line 93.

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# 3. REVENUE CREDITS AND ADJUSTMENTS TO THE SEGMENTED REVENUE REQUIREMENTS

Revenue credits and adjustments reflect known costs and revenues that are not accounted for in the Transmission Revenue Requirement Study. To develop the revenue requirements for use in calculating rates, this Study allocates the revenue credits among the various segments and then applies these credits and other adjustments to the segmented revenue requirements determined in the Transmission Revenue Requirement Study. It then calculates the net segmented revenue requirements after these credits and adjustments.

## 3.1 Revenue Credits

Revenue credits are transmission revenues from sources other than the general transmission rates developed in the rate proceeding. Revenue credits include revenue from items such as fixed-price contracts, contracts that specify the rates for services, use-of-facilities contracts, and fixed-price fees. This Study forecasts revenue credits based on existing contract charges or rates, expectations of additional sales at such charges or rates, and receipt of fixed-price fees.

The revenue credits for fixed-price contracts and fees relate to items such as fiber and wireless leases (in which BPA leases communications capacity that exceeds BPA's operational needs), land leases, reservation and application fees, direct funding of projects and facilities, and O&M charges. The use-of-facilities contracts include agreements such as those governing DSI delivery contracts, under which parties pay for the rights to use specified BPA facilities.

The segmented revenue requirements are initially set without regard to these additional revenues. This Study allocates revenue credits to particular segments, which reduces the segmented revenue requirements and ensures that this Study accounts for all sources of revenue in determining the net segmented revenue requirements used to calculate rates. If this Study did not account for the revenue represented by the revenue credits, the rates would be higher than needed to recover costs. The allocation and application of the revenue credits described in this section are separate and distinct from the inclusion of the transmission credits in the revenue forecasts discussed in Section 2.

This Study allocates revenue credits associated with a particular transmission segment entirely to that segment. For example, revenues related to the O&M charges for customers using facilities on the Southern Intertie are allocated entirely to the Southern Intertie. If revenue credits are not associated with a particular segment, the revenues are allocated across all segments based on the ratio of net plant investment in each segment to total net plant investment. For example, this Study allocates revenues from fiber and wireless leases to all segments based on portion of the net plant investment in each segment. Table 2 identifies all of the expected revenue credits from various sources and the allocation of the credits by segment.

### 3.2 Adjustments to the Segmented Revenue Requirements

This Study includes certain adjustments to the segmented revenue requirements. These adjustments are not categorized as revenue credits because they do not account for additional revenues. The adjustments are made for the Eastern Intertie and DSI Delivery segments where all costs are recovered through contractually set rates and fees. In general, the adjustments allocate (1) individual segment revenues in excess of costs and (2) individual segment costs in excess of revenues. A segment's revenues in excess of costs represent a surplus, which is allocated to the other segments as a credit, reducing the other segments' overall revenue requirements. A segment's costs in excess of revenues represents a cost, which is allocated to the other segments as an additional revenue requirement, increasing the other segments' revenue requirements.

### 3.2.1 Eastern Intertie Adjustment

To determine the net segmented revenue requirement for the Eastern Intertie, this Study begins with the gross Eastern Intertie revenue requirement shown in Table 1. This Study then applies revenue credits and adjustments to the Eastern Intertie segmented revenue requirement.
Table 2 shows the expected revenue credits that apply to the Eastern Intertie segment. The most significant revenue credit relates to revenue from payments to BPA under the Montana Intertie Agreement for rights to transmission service on the TGT transmission lines. The total payment for use of the facilities is set in the Montana Intertie Agreement and totals $12.5 million annually. During the rate period $12.4 million of this revenue is anticipated to come from the TGT rate charged to parties of the Montana Intertie Agreement. Table 3, line 31. The IM rate, which applies to PTP transmission service on BPA's capacity share of the Eastern Intertie, is forecast to recover $0.98 million annually during the rate period. Table 3, line 30. Since these revenues arise solely through the use of the Eastern Intertie, this Study applies the entire amount of this revenue credit to the Eastern Intertie segment. *See* Table 3.

The segmented revenue requirement for the Eastern Intertie is $11.3 million annually. Table 1, line 27. After applying all of the revenue credits, the TGT revenues, and the IM rate revenues to the Eastern Intertie's segmented revenue requirement, the forecast revenues and credits for the Eastern Intertie segment exceed the net segmented revenue requirement by approximately $1.849 million annually. Table 3, line 34.

This Study allocates the $1.849 million in excess revenue from the Eastern Intertie segment to all the other segments proportionally based on net plant investment determined in the Transmission Segmentation Study. This allocation reduces the difference between the Eastern Intertie segment's adjusted revenue requirement and its revenue recovery to zero. *See* Table 3. This Study then applies the excess revenue allocated to each segment as an adjustment to reduce the revenue requirement for each segment. Once the difference between the Eastern Intertie segment's adjusted revenue requirement and its revenue recovery has been reduced to zero, no other revenue credits or costs from other segments are allocated to the Eastern Intertie segment, since these credits or costs would have to be re-allocated back to other segments.

### 3.2.2 DSI Delivery Adjustment

The DSI Delivery segment consists of low-voltage transmission facilities that provide transmission service to DSI customers. Charges for service on the DSI Delivery segment are established by contract and change based on a schedule incorporated in those contracts. As a result, this Study does not calculate a rate for delivery service on DSI facilities. *See* Transmission Segmentation Study and Documentation, BP-18-FS-BPA-07, § 2.6.

However, this Study does account for the revenues and costs associated with this segment to ensure total cost recovery. The average annual segmented revenue requirement attributable to the DSI Delivery segment is $1.575 million. Table 1, line 27. The revenues generated from sales under the DSI delivery contracts, the Eastern Intertie adjustment, and the other revenue credits allocated to this segment are forecast to average $1.94 million annually during the rate period. Table 3, lines 26 to 34. After applying all of the revenue credits and the DSI Delivery revenues to the DSI Delivery segmented revenue requirement, the forecast revenues for the DSI Delivery segment exceed the net segmented revenue requirement an average of $0.37 million annually. *Id.*, line 35.

This Study allocates the $0.37 million in excess revenue from the DSI Delivery segment to all the other segments proportionally based on net plant investment as determined in the Transmission Segmentation Study. This allocation reduces the difference between the DSI Delivery segment's adjusted revenue requirement and its revenue recovery to zero. *See* Table 3. As with the Eastern Intertie adjustment, once the difference between the DSI Delivery segment's adjusted revenue requirement and its revenue recovery has been reduced to zero, no other revenue credits or costs from other segments are allocated to the DSI Delivery segment, since these credits or costs would have to be re-allocated back to other segments.

#### 3.2.3 Adjustment for NT Redispatch Costs

Under Attachment M to BPA's OATT, Transmission Services initiates redispatch of Federal resources as part of congestion management efforts on the Network. There are three types of redispatch that Transmission Services can request from Power Services to relieve flowgate congestion: Discretionary Redispatch, NT Firm Redispatch, and Emergency Redispatch. Transmission Services requests Discretionary Redispatch to maintain all transmission schedules. Power Services provides this service at its discretion based on real-time operating objectives and constraints. Transmission Services requests NT Firm Redispatch to maintain firm NT schedules, and may redispatch firm NT schedules only after it has curtailed all non-firm Point-to-Point and secondary NT schedules in a sequence consistent with NERC curtailment priority. Power Services must provide NT Firm Redispatch to the extent that it can do so without violating non-power constraints. Transmission Services requests Emergency Redispatch if it declares a System Emergency as defined by NERC. Power Services must provide this service even if doing so may violate non-power constraints.

Power Services may respond to requests for redispatch through redispatch of Federal generation, through purchases or sales of energy, or through purchases of transmission. The forecast of costs for Attachment M redispatch is $225,000 per year. *See* Fredrickson & Fisher, BP-18-E-BPA-18, Appendix A, Attachment 3, line 8. These costs are included in the segmented revenue requirement for the Network. *See* Transmission Revenue Requirement Study Documentation, BP-18-FS-BPA-09A, § 2.2.

Consistent with Section 33.3 of BPA's OATT, which provides that NT customers are allocated the redispatch costs associated with firm service to NT load, costs associated with NT Firm Redispatch are allocated to NT customers, because this type of redispatch benefits only NT customers. Accordingly, this Study credits the cost of NT Firm Redispatch to the Network segment revenue requirement so that these costs are not included in all Network rates. *See* Table 3, line 32. The costs are then included in the calculation of rates for NT service. *See* Table 7, line 58. Section 4 of this Study discusses the calculation of the NT rate. Costs associated with Discretionary Redispatch and Emergency Redispatch are allocated to all Network segment users because Discretionary Redispatch and Emergency Redispatch benefit all Network segment users.

Of the $225,000 annual forecast for Attachment M redispatch, the forecast of costs for NT Firm Redispatch is $160,000 per year. This forecast is based on the historical actual amounts paid by Transmission Services to Power Services in FY 2014 to 2016 (the most recent for which BPA has actual data). Calculation of the actual revenue Power Services receives from Transmission Services for providing NT Firm Redispatch is based on one of two sources: (1) for redispatch provided from Federal generation, market prices for incrementing and decrementing Federal generation at the time the redispatch is provided, or (2) for redispatch provided by purchases or sales of energy or purchases of transmission, the actual cost to Power Services of the purchase or sale. The forecast of costs for Discretionary Redispatch and Emergency Redispatch are based on this same methodology.

In addition, BPA's OATT provides that NT customers will make their Network Resources available for redispatch to avoid curtailments to NT service when there are transmission constraints (this type of redispatch is referred to as non-Federal NT redispatch). BPA has not seen any significant costs in its non-Federal NT redispatch program since its inception. Therefore, no non-Federal NT redispatch costs are included in this Study

### 3.3 Allocation of Generation Integration Revenues

The Generation Integration segment consists of transmission facilities that integrate Federal resources into BPA's Network. The costs allocated to the Generation Integration segment plus all revenue credits and adjustments averages $12.565 million annually. Table 3, line 36. These costs are assigned to BPA Power Services and recovered through power rates. The payments that Power Services makes to Transmission Services are included as a revenue credit in the transmission revenue forecast and are applied to the Generation Integration segment.

# 4. NETWORK TRANSMISSION SERVICES

BPA establishes separate rates for four types of transmission service on its Network: Network Integration Transmission Service (NT), Point-to-Point Transmission Service (PTP), Integration of Resources (IR), and Formula Power Transmission (FPT). BPA provides NT and PTP service pursuant to the terms and conditions set forth in its OATT, and it provides FPT and IR service under legacy (or grandfathered, pre-FERC Order 888) agreements.

In general terms, this Study calculates the rates for Network services by taking the net segmented revenue requirement for the Network segment, subtracting the forecast revenues associated with the transmission portion of FPT service, and allocating a proportionate share of the resulting remaining Network costs to NT, PTP, and IR service. The rates for FPT service are based on certain simplifying assumptions described in Section 4.5. The rates for NT, PTP, and IR service are calculated by dividing the costs to be recovered by those services by the NT, PTP, and IR billing determinants, respectively.

## 4.1 Network Segment Cost Allocation

To calculate the rates for Network services, this Study allocates the adjusted Network segment revenue requirement among the various services. This Study takes the annual average Network segment revenue requirement from the Transmission Revenue Requirement Study, $659.613 million. Table 1, line 27. Revenue credits and other adjustments are then applied, resulting in an adjusted Network segment revenue requirement of $638.275 million. Table 3, line 36.

As explained in Section 4.5, FPT service is provided under contracts that address specific classifications of Network transmission facilities, and FPT rates separately recover a subset of Network costs. Therefore, this Study subtracts from the adjusted Network segment revenue requirement $15.119 million in forecast annual revenue attributable to sales of FPT service on the Network. Table 7, lines 2-4. Subtracting the forecast FPT revenues excludes the costs and revenues attributable to FPT service from the costs allocated among NT, PTP, and IR service, thus ensuring that rates for NT, PTP, and IR service are based only on costs and revenues properly attributable to those services. The result is an annual average cost of $623.157 million to be allocated among NT, PTP, and IR service. *Id*.

This Study allocates costs to PTP and IR service based on contract demand and to NT service based on forecast load. The NT load forecast is based on a 12 non-coincident peak (NCP) measure. *See* § 2. This Study calculates an allocation percentage for each service based on the ratio of the forecast for each individual service to the total forecast average annual sales for all three services, 35,301 MW. Table 7, line 25. The allocation percentages for NT, PTP, and IR services are 21.24 percent, 78.42 percent, and 0.35 percent, respectively. *Id.*, lines 29, 32, 35. Multiplying the total adjusted average annual Network revenue requirement of $623.157 million by the allocation percentage for each service yields an allocated cost of $132.354 million for NT service, $488.651 million for PTP service, and $2.152 million for IR service. *Id*., lines 40, 47, 57. This Study uses these allocated costs to calculate the rates for NT, PTP, and IR service.

### 4.2 Network Integration Rate (NT-18 )

Network Integration service provides transmission service for a customer's designated network load, including network load growth. BPA provides this service according to the terms and conditions in Part III of its OATT.

The NT-18 rate schedule identifies a single rate for NT Service and NT Conditional Firm Service under the OATT. Transmission, Ancillary, and Control Area Service Rate Schedules, BP-18-A-04-AP04, NT-18, § II. The monthly billing factor for the NT-18 rate is the customer's Network Load on the hour of the Monthly Transmission System Peak Load for the month (the billing period). *Id.* § III.

The NT-18 rate schedule includes a variety of adjustments and references to charges from other rate schedules. The rate schedule includes an SDD available to customers with designated Network Resources that use less than 75 circuit miles of BPA's transmission facilities for delivery to Network Load. *Id*. § IV.D. The SDD is a credit applied to the customer's monthly bill according to the following formula:

$$\text{SDD credit} = \text{NT Rate} \times \text{Average HLH Generation} \times (75 - \text{distance}) / 75 \times 0.4$$

*Id*.

For resources that are directly connected to the customer's system or that do not use any FCRTS facilities, the discount is 40 percent of the NT rate multiplied by the average generation of the resource during heavy load hours.

Other charges and provisions in the NT-18 rate schedule include:

- a requirement to purchase Scheduling and Reactive ancillary services;
- the Delivery Charge;
- the Failure to Comply Penalty Charge;
- a Short-Distance Discount;
- notice that BPA will collect capital and related costs of a Direct Assignment Facility under the Advance Funding rate or Use-of-Facilities rate;
- notice of BPA's intent to charge incremental cost rates under specified conditions;
- allowance for a rate adjustment pursuant to a FERC order under Section 212 of the Federal Power Act; and
- the Transmission Cost Recovery Adjustment Clause and Reserves Distribution Clause.

*Id.* § IV. Section 7 of this Study discusses the rate schedule provisions.

To calculate the NT rate, this Study begins with the $132.354 million in Network costs allocated to NT service and adds the NT redispatch costs ($160,000 in NT Firm Redispatch of Federal resources costs and $0 in non-Federal NT redispatch costs), which equals total costs of $132.514 million. Table 7, line 60. Dividing this amount by the NT billing factor of 6,395 MW yields a unit cost of $20,720/MW-year, which is then divided by 1,000 to derive a kW-year unit cost of $20.72/kW-year. *Id.*, lines 60-62. The kW-year unit cost is divided by 12 to yield the rate for NT service, which is $1.727/kW-month. *Id.*, line 63.

### 4.3 Point-to-Point Rate (PTP-18)

Point-to-Point transmission service provides for the transmission of energy on a firm, non-firm, or conditional firm basis from specific points of receipt to specific points of delivery on BPA's Network. BPA provides this service according to the terms and conditions in Part II of its OATT.

The PTP-18 rate schedule includes rates for long-term service; monthly, weekly, and daily service; and hourly service. Transmission, Ancillary, and Control Area Service Rate Schedules, BP-18-A-04-AP04, PTP-18, § II. A single rate applies to all long-term firm service and to conditional firm service under the rate schedule. The rate schedule includes two rates for monthly, weekly, and daily service: "Block 1" for the first five days of a reservation, and "Block 2" for the remaining days of the reservation. One hourly rate applies to all hours of a reservation for hourly service. *Id*.

The PTP-18 rate schedule incorporates a variety of adjustments, charges, notices, and other rate provisions, including:

- a Short-Distance Discount for contract paths less than 75 circuit miles;
- a requirement to purchase Scheduling, System Control, and Dispatch Ancillary Service;
- the Delivery Charge;
- an Unauthorized Increase Charge;
- the Reservation Fee;
- the Failure to Comply Penalty Charge;
- a credit for interruption of non-firm service;

- notice that BPA will collect capital and related costs of a Direct Assignment Facility under the Advance Funding rate or Use-of-Facilities rate;
- notice of BPA's intent to charge incremental cost rates under specified conditions;
- allowance for a rate adjustment pursuant to a FERC order under Section 212 of the Federal Power Act; and
- the Transmission Cost Recovery Adjustment Clause and Reserves Distribution Clause.

*Id.* § IV. See Section 7 for further discussion of the rate schedule provisions.

This Study calculates the rate for long-term firm PTP service by dividing the Network costs allocated to PTP service, $488.651 million, by the forecast average annual PTP sales of 27,682 MW, yielding a unit cost of $17,65/MW-year. Table 7, lines 47-49. This amount is then divided by 1,000 to derive a kW-year unit cost of $17.65/kW-year. *Id.*, line 49. This kW-year unit cost is divided by 12 to yield the monthly rate for long-term PTP service, $1.471/kW-month. *Id.*, line 50.

The rate for short-term and hourly PTP service is derived from the long-term rate. Short-term sales allow the customer to purchase transmission that more closely matches the energy required in a day-by-day or hour-by-hour timeframe. Typically, this means more short-term transmission is purchased during weekdays than weekends and during heavy load hours (HLH) than during light load hours (LLH).

In order to account for the greater amount of short-term capacity that is expected to be sold during weekdays and heavy load hours, and to help ensure that the rate for sales during those hours recovers the appropriate amount of costs, this Study sets short-term rates at a level higher than a simple pro rata fraction of the long-term rate. It does so by establishing the Block 1 rate for the first five days of short-term daily service based on the costs for a full seven days. This Study calculates the Block 1 rate by multiplying the daily PTP unit cost (*i.e.*, the annual rate divided by 365, the average number of days in each year of the rate period) by a factor of 7/5 (seven total days in the week divided by five weekdays). *Id.*, line 51. The resulting Block 1 rate is $0.068/kW-day. *Id.* The daily PTP short-term Block 2 rate of $0.048/kW-day is calculated by dividing the unit cost by 365 days. *Id.*, line 52. The PTP daily, weekly, and monthly services are all charged the same block rates.

This Study applies a similar factor in the calculation of the rate for hourly service. Since there are 16 heavy load hours each weekday, the hourly rate is set by multiplying the PTP unit cost by an LLH/HLH factor of 24/16 (24 hours per day divided by 16 heavy load hours) and then by the 7/5 daily factor. *Id.*, line 53. The resulting hourly PTP rate of 4.23 mills/kWh applies to both firm and non-firm hourly sales. *Id.*

In the calculation of the PTP unit cost, the forecast of short-term sales in the denominator is adjusted upward by these same LLH/HLH factors for rate development purposes, to recognize that the short-term rates will recover more revenue because the rates are increased by these factors. The final short-term PTP sales forecasts after these adjustments are used in the development of the rates and in the revenue forecasts.

### 4.4 Integration of Resources Rate (IR-18)

As described in Section 2, IR contracts integrate multiple resources and transmit non-Federal power over BPA's Network and Delivery facilities to multiple points of delivery on the customer's system. The rate that applies to service under IR agreements includes a single "postage stamp" rate (a rate that does not vary by distance) that combines a monthly demand charge calculated in the same manner as and equal to the sum of the demand charge for the PTP rate and the SCD rate. Transmission, Ancillary, and Control Area Service Rate Schedules, BP-18-A-04-AP04, IR-18, § II.A. The IR rate schedule also provides for a charge for GSR.

IR contracts include specified transmission demands at each point of integration, which are based on the annual peak output of a generating resource or annual peak demand in a power purchase agreement. The billing factor for the IR demand charge is the contractually specified transmission demand or, if the contract contains multiple points of integration and transmission demands, the total transmission demand, which is the sum of the multiple transmission demands under the contract. Non-firm service in excess of the total transmission demand is billed at the PTP rate.

The IR rate schedule includes an SDD for IR contracts, which decreases the IR rate by up to 40 percent for transmission that uses Network facilities for a distance of less than 75 circuit miles. *Id.* § II.B. No IR contracts are expected to receive the SDD during the rate period.

The IR rate schedule also incorporates other rate provisions and potential adjustments:

- the Delivery Charge;
- the Failure to Comply Penalty Charge;
- provisions detailing the circumstances under which the ratchet demand may be waived or reduced; and
- the Transmission Cost Recovery Adjustment Clause and Reserves Distribution Clause.

*Id.* § IV. Section 7 of this Study explains the rate provisions in detail.

This Study calculates the IR rate by dividing the Network costs allocated to IR service, $2.152 million, by the forecast average annual IR sales of 122 MW, yielding a unit cost of $17,65/MW-year. Table 7, lines 40-42. This amount is divided by 1,000 to derive a kW-year unit cost of $17.65/kW-year. *Id.*, line 42. This kW-year unit cost is divided by 12 to yield a monthly unit cost of $1.471/kW-month. *Id.*, line 43.

The costs of providing IR service include the Network transmission costs and the costs of SCD and GSR services, which are the required ancillary services. The IR base rate is calculated by combining the monthly IR service unit cost of $1.471/kW-month with the SCD rate of $0.322/kW-month, for a total IR rate of $1.793/kW-month. The IR-18 rate schedule provides for adding the rate for GSR service to the IR base rate as well. As explained in Section 6, however, the GSR rate has been set at zero, so it has no impact on the charges for IR service.

### 4.5 Formula Power Transmission Rates (FPT-18.1 and FPT-18.3)

The FPT rates are generally based on the types of transmission facilities used under a particular FPT contract and the distance the energy is transmitted. Depending on the type of FPT contract the customer has, the FPT rate may be adjusted annually under the FPT-18.1 rate schedule, or adjusted once every three years under the FPT-18.3 rate schedule. The FPT-18.1 rate schedule will take effect on the first day of the BP-18 rate period (October 1, 2017). The FPT-18.3 rates will remain at the same level as they were during the BP-16 rate period until October 1, 2019, which is three years after the rates were last adjusted.

Both the FPT-18.1 and FPT-18.3 rate schedules include charges for use of facilities that are part of the main grid (that portion of the Network facilities with an operating voltage of 230 kV or more) and for those that are part of the secondary system (that portion of the Network with an operating voltage between 69 kV and 230 kV). Transmission, Ancillary, and Control Area Service Rate Schedules, BP-18-A-04-AP04, FPT-18.1, § II and FPT-18.3, § II. Within the category of facilities designated as "main grid" facilities, there are specific charges for use of main grid interconnection terminals, main grid terminals, and main grid miscellaneous facilities. The secondary system charges are divided into charges for use of secondary system transformation, secondary system intermediate terminals, and secondary system interconnection terminals. *Id*. The distance charge has two components: a charge for the distance energy is transmitted over the main grid, and a charge for the distance energy is transmitted over the secondary system. *Id*. Each FPT contract has a different overall rate per unit of transmission demand based on the facilities used under the contract and the distance energy is transmitted.

The FPT rate also includes the costs associated with SCD and an adjustment for the GSR charge. *Id*. The FPT rate schedules specify that all customers taking FPT service are subject to the Failure to Comply Penalty Charge, and customers taking service under the FPT 18.1 rate schedule are subject to the Transmission Cost Recovery Adjustment Clause and the Transmission Reserves Distribution Clause. *Id.* at FPT-18.1, § IV.B-D and FPT-18.3, § IV.B. Section 7 discusses these rate schedules.

Only four customers are expected to take FPT service during the rate period, and the sales under the few remaining FPT contracts are forecast to constitute about two percent of BPA's Network revenues. *See* Table 4. Given the relatively small effect of the FPT contracts on BPA's revenues, this Study relies on certain simplifying assumptions in order to set the FPT-18 rates instead of a detailed cost analysis of all the categories and subcategories of facilities in the FPT rate schedule. This Study assumes that the increase in FPT costs will equal the increase in the sum of the PTP service unit cost (determined in Section 4.3) and the rates for the associated ancillary services. This Study also assumes that the costs for each of the various FPT rate components (*e.g.*, Main Grid Distance, Main Grid Terminal) will maintain the same proportion to each other as exists in the FPT-16 rates. The facilities used to provide FPT service and associated ancillary services are the same type of facilities used to provide other services over the Network segment. As a result, it is reasonable to assume that their costs accelerate at similar rates and in relation to one another.

The FPT-18.3 rates are three year rates that were calculated in FY 2017 and will continue through FY 2019. The FPT-18.1 rates use the following methodology: the forecast revenue during BP-18 from the existing FPT contracts at FY 2016–2017 rates is $18.382 million. Table 6, line 5. Dividing the forecast revenue at FY 2016–2017 rates by the sales forecast for FY 2018–2019 results in an average FPT rate of $1.659/kW-month. A change in the unit cost is calculated by dividing the Long-Term PTP plus the associated ancillary services BP-18 rates by the Long-Term PTP plus the associated ancillary services at BP-16 rates. This unit cost increase of 0.2% percent is applied to the current rates for the components of FPT and rounded to the nearest three decimal places to develop the proposed rates. These FPT rate components will be applied to each reservation based on the facilities utilized by the reservation which will result in different charges to each FPT reservation. The estimated average rate applied to FPT reservations is $1.662/kW-month. *Id.*,, line 12. The average FPT rate is the denominator for the adjustment of the GSR rate.

Multiplying the sales forecast by the average FPT rates for BP-18 yields a revenue forecast of $18.413 million. The unit cost of the Network component of the rates is 82.0 percent of the sum of the unit cost, the SCD rate, and the GSR rate. *Id*., line 15. Applying this percentage to the FPT revenue forecast produces $15.106 million attributable to Network transmission service excluding ancillary services. This amount of revenue is allocated to covering Network costs. The remaining revenues of $3.292 million are attributed to ancillary services and are allocated to recover SCD costs. Table 10.1, line 15.

## 5. INTERTIE TRANSMISSION SERVICES

BPA provides Point-to-Point transmission service on the Southern Intertie and the Eastern Intertie. As described below, this Study develops separate rates for service on these interties.

### 5.1 Southern Intertie Point-to-Point Rate (IS-18)

The IS-18 rate schedule applies to PTP service on the Southern Intertie. The IS rate schedule includes rates for long-term firm service; monthly, weekly, and daily service; and hourly firm service. A single rate applies to all long-term firm service. Like the PTP-18 rate schedule, the IS-18 rate schedule provides for daily, weekly, and monthly transmission service at daily Block 1 and daily Block 2 rates. One hourly rate applies to all hours of a reservation for hourly service. Transmission, Ancillary, and Control Area Service Rate Schedules, BP-18-A-04-AP04, IS-18, § II.

The IS rate schedule also includes these provisions:

- the requirement to purchase certain ancillary services;
- a credit for interruption of non-firm service;
- the Reservation Fee;
- an Unauthorized Increase Charge;
- the Failure to Comply Penalty Charge;
- notice of BPA's intent to charge incremental cost rates under specified conditions;
- allowance for a rate adjustment pursuant to a FERC order under Section 212 of the Federal Power Act;

- notice regarding Direct Assignment Facility costs, which are to be collected under the Advance Funding rate or Use-of-Facilities rate; and
- the Transmission Cost Recovery Adjustment Clause and Reserves Distribution Clause.

*Id.* § IV. See Section 7 for further discussion of the rate schedule provisions.

To calculate the IS-18 rates, this Study first determines a unit cost for service on the Southern Intertie. The unit cost equals the net segmented revenue requirement for the Southern Intertie segment divided by the forecast sales for the segment. To determine the net segmented revenue requirement, this Study begins with the segmented revenue requirement determined in the Transmission Revenue Requirement Study. Revenue credits and other adjustments are then applied to the revenue requirement. *See* Table 1. Section 3 of this Study describes these revenue credits and adjustments.

The Southern Intertie was originally constructed in 1967 and was expanded in 1993 with the participation of non-Federal parties (the capacity owners). The capacity owners obtained a share of the capacity on these facilities and make payments to BPA for use of the capacity. This Study treats revenue from the payments by the capacity owners as a revenue credit allocated to the Southern Intertie, which reduces the segmented revenue requirement. *See* Tables 2 & 3.

After all revenue credits and adjustments are applied, the average net segmented revenue requirement for the Southern Intertie segment is $81.152 million. Table 3, line 36. The projected sales on BPA's portion of the Southern Intertie equal 6,515 MW. Table 8, line 13.

Dividing dollars by megawatts yields an annual rate of \$12.46/kW-year. *Id.*, line 15. This annual rate is divided by 12 to determine the IS long-term rate of \$1.038/kW-month. *Id.*, line 16.

The calculation of the daily IS-18 rates includes the same adjustment for short-term sales that the Study makes for other daily PTP rates. Section 4.3 explains the adjustment. The daily IS short-term Block 1 rate is calculated by dividing the annual rate, \$12.46/kW-year, by 365 days/year and multiplying by 7/5 to recognize higher weekday demand, which yields \$0.048/kW-day. *Id.*, line 17. The daily IS short-term Block 2 rate is calculated by dividing the annual rate by 365 days, yielding \$0.034/kW-day. *Id.*, line 18.

The calculation of the hourly IS-18 rates includes a similar adjustment that the Study makes for other hourly PTP rates. Section 4.3 explains the adjustment. The IS hourly rate applies to both firm and non-firm hourly sales. It is calculated by dividing the annual rate by 8,760 hours/year, multiplying by 1,000 to convert to mills, and multiplying by 24/5 and 7/5 to recognize higher demand during these weekday hours in California. *See* Fredrickson *et al.*, BP-18-E-BPA-12, § 3. The result is a IS-18 hourly rate of 9.56 mills/kWh. Table 8, line 19.

### 5.2 Eastern Intertie (Montana)

The Broadview-to-Garrison intertie facilities, referred to as the Montana Intertie, were built to transmit the output of the Colstrip generating facility, a coal plant in Montana, to the Pacific Northwest. The arrangement for constructing transmission lines and providing transmission service for Colstrip was set forth in the Montana Intertie Agreement. The Colstrip parties to the Montana Intertie Agreement (Avista, NorthWestern Energy, PacifiCorp, Portland General

Electric, and Puget Sound Energy, or their predecessors) built transmission facilities between Broadview and Townsend, Montana. BPA built the facilities between Townsend and Garrison, which are called the Eastern Intertie. Under the Montana Intertie Agreement, BPA provides transmission service on the Eastern Intertie to the Colstrip parties at the TGT rate. BPA has the exclusive right to market any remaining transmission capacity in either direction on the Eastern Intertie.

The costs associated with the Eastern Intertie segment are recovered primarily through the Montana Intertie Agreement under the TGT rate, which is a formula rate specified in the contract. BPA receives payments under the TGT rate from each Colstrip party for its share of the costs of the Eastern Intertie capacity. These payments are applied to the Eastern Intertie segment costs. Table 3, line 31. Non-firm service for the Colstrip parties is available over the Eastern Intertie under either the IE or IM rate. A proportionate share of any revenue for non-firm service received under the IE and IM rates is credited under the TGT rate to the Colstrip parties. Any firm sales BPA makes on BPA's remaining capacity on the Eastern Intertie are marketed at the IM rate.

### 5.2.1 Montana Intertie Rate (IM-18)

The IM-18 rate applies to service on BPA's capacity share of the Eastern Intertie facilities. The IM rate schedule includes rates for long-term firm service; monthly, weekly, and daily service; and hourly firm service. Like the PTP-18 rate schedule, the IM-18 rate schedule provides block rates for monthly, weekly, and daily firm and non-firm service. One hourly rate applies to all hours of a reservation for hourly service. *See* Transmission, Ancillary, and Control Area Service Rate Schedules, BP-18-A-04-AP04, IM-18, § II.

The IM rate schedule also includes these provisions:

- the requirement to purchase certain ancillary services;
- a credit for interruption of non-firm service;
- the Reservation Fee;
- an Unauthorized Increase Charge;
- the Failure to Comply Penalty Charge;
- notice of BPA's intent to charge incremental cost rates under specified conditions;
- allowance for a rate adjustment pursuant to a FERC order under Section 212 of the Federal Power Act;
- notice regarding Direct Assignment Facility costs, which are to be collected under the Advance Funding rate or Use-of-Facilities rate; and
- the Transmission Cost Recovery Adjustment Clause and Reserves Distribution Clause.

*Id.* § IV. See Section 7 for further discussion of the rate schedule provisions.

The IM-18 annual rate is based on the segmented revenue requirement for the Eastern Intertie. The IM rate is calculated by dividing the Eastern Intertie Segmented Revenue Requirement, Table 8, line 32, less revenue credits assigned to the Eastern Intertie, Table 8, line 33, by the total sales on the Eastern Intertie (1,746 MW), which yields \$6.11/kW-year. *Id.*, line 38. The monthly IM-18 rate is calculated by dividing the annual rate by 12 months, yielding \$0.509/kW-month. *Id.*, line 39.

The calculation of the daily and hourly IM-18 rates includes the same adjustment for short-term sales that this Study makes for Network PTP rates. Section 4.3 explains the adjustment. The daily IM-18 short-term Block 1 rate is set by dividing the IM-18 annual rate by 365 days and multiplying by the LLH/HLH factor of 7/5, which yields \$0.023/kW-day. *Id.*, line 40. The daily IM short-term Block 2 rate is calculated by dividing the IM-18 annual rate by 365 days, yielding \$0.017/kW-day. *Id.*, line 41.

The IM hourly rate, which applies to both firm and non-firm hourly sales, is calculated by dividing the IM-18 annual rate by 8,760 hours/year, multiplying by 1,000 to convert to mills, and multiplying by the LLH/HLH factors of 24/16 and 7/5. *Id.*, line 42. The result is an IM-18 hourly rate of 1.46 mills/kWh. *Id.*

#### 5.2.2 Townsend-Garrison Transmission Rate (TGT-18)

As described above, BPA recovers the majority of the Eastern Intertie costs through the TGT rate, which is a formula rate based on the Montana Intertie Agreement. The TGT rate schedule is Exhibit E to the agreement and has been modified in minor respects in rate proceedings held since execution of the agreement. The calculation of the TGT rate is demonstrated in Table 8, lines 21-29. The TGT revenues are allocated as credits to the Eastern Intertie segment. Table 3, line 31.

#### 5.2.3 Eastern Intertie Rate (IE-18)

The IE rate is applicable to hourly non-firm service available to the parties to the Montana Intertie Agreement on the Eastern Intertie. The IE-18 rate is based on the segmented revenue requirement for the Eastern Intertie. The rate is calculated by dividing the Eastern Intertie Segmented Revenue Requirement, Table 8, line 46, less revenue credits, Table 8, line 47, by the total sales on the Eastern Intertie of 1,746 MW, Table 8, line 51. This is then divided by 8,760 hours/year, multiplied by 1,000 to convert to mills, and multiplied by the LLH/HLH factors of 24/16 and 7/5. *Id.*, line 52. The result is a rate of 1.46 mills/kWh. *Id.*

Under the TGT rate schedule, monthly revenues from any non-firm transactions under the IE-18 and IM-18 rates are deducted from the portion of the total annual costs to be recovered in that month under the TGT rate. The Colstrip parties' portion of the monthly net cost is then allocated to them in accordance with the formula in the TGT rate schedule.

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# 6. ANCILLARY AND CONTROL AREA SERVICES

BPA provides ancillary and control area services that are separate from transmission services. This Study describes the development of the rates for (1) Scheduling, System Control, and Dispatch Service, and (2) Generation Supplied Reactive Service. The Generation Inputs settlement testimony, Fisher & Fredrickson, BP-18-E-BPA-18, discusses the development of the rates for other ancillary and control area services BPA provides.

## 6.1 Scheduling, System Control, and Dispatch Service

Most customers purchasing transmission service from BPA are required to purchase SCD service. Customers taking NT and PTP service (including PTP service over the Montana Intertie or the Southern Intertie) purchase SCD separate from transmission service at the rates in the SCD rate schedule. Customers taking IR or FPT service do not pay a separate SCD rate; the SCD rate is included in the IR or FPT rate. *See* §§ 4.4 & 4.5.

The SCD rate schedule includes rates for long-term service; monthly, weekly, and daily service; and hourly service. Like the rate schedules for PTP service, the SCD rate schedule includes "Block 1" and "Block 2" rates for service on a monthly, weekly, or daily basis. One hourly rate applies to all hourly service.

SCD service applies to all transmission service, and the equipment that comprises the Ancillary Services segment supports all transmission service. The calculation of the SCD rate starts with the segmented revenue requirement attributable to Scheduling, System Control, and Dispatch, which averages $173.052 million annually over the rate period. Table 10.1, line 8. This Study adjusts the SCD costs by applying revenue credits and other adjustments, including the portion of the FPT revenues allocated to SCD. Table 10.1, lines 9-15; *see* Table 3; *see also* §§ 3 & 4.5. The revenue credits and other adjustments reduce the overall SCD costs to an average of $161.352 million annually over the rate period. Table 10.1, line 16.

As it does with respect to the calculation of rates for NT, PTP, and IR service on the Network, this Study calculates allocation percentages for SCD sales associated with NT (based on the non-coincident peak load forecast), PTP (including PTP service on the Southern Intertie and Montana Intertie), and IR service based on the ratio of the sales forecast for each service to the total forecast average annual SCD sales associated with all three services, 41,800 MW. Table 10.1, line 26. The allocation percentages for SCD sales associated with NT, PTP, and IR services are 18.23 percent, 81.48 percent, and 0.29 percent, respectively. *Id.*, lines 30, 33, 36. Multiplying the total adjusted average annual SCD revenue requirement of $161.352 million by the sales percentage for each service yields an allocated cost of $29.414 million for NT service, $131.467 million for PTP service, and $0.47 million for IR service. *Id.*, lines 41, 48 ,58. This Study uses these allocated costs to calculate the rates for SCD service associated with NT, PTP, and IR service.

To calculate the SCD rate for NT service, this Study divides the $29.414 million of SCD costs allocated to NT service by the NT billing factor of 6,518 MW (the average monthly NT coincident peak load forecast for the rate period, not considering the Short Distance Discount). This yields a unit cost of $4,510/kw-year, which is then divided by 1,000 to derive a kW-year unit cost of \$4.51/kW-year. The kW-year unit cost is divided by 12 to yield a monthly SCD for NT service unit cost of \$0.376/kW-month. *Id.*, lines 58-61. This Study sets the SCD rate for NT service equal to this monthly unit cost.

The same methodology is used to calculate the SCD rates for PTP, IR, Southern Intertie, and Montana Intertie service. For the SCD rate for PTP service (including PTP service on the Southern Intertie and Montana Intertie), the PTP share of total SCD sales (81.48 percent) is multiplied by the total average annual SCD revenue requirement of \$161.352 million, yielding a total PTP service class cost of \$131.467 million. This value is divided by forecast average annual PTP sales (Long-Term and Short-Term combined, and not considering the Short Distance Discount) of 34,034 MW, yielding a unit cost of \$3,862/MW-year, which is then divided by 1,000 to derive a kW-year unit cost of \$3.86/kW-year. This kW-year unit cost is divided by 12 to yield a monthly SCD for PTP service unit cost of \$0.322/kW-month. *Id*., lines 46-51.

For the SCD rate for IR service, the IR share of total SCD sales (0.29 percent) is multiplied by the total average annual SCD revenue requirement of \$161.352 million, yielding a total IR service class cost of \$0.47 million. This value is divided by forecast average annual IR sales of 122 MW, yielding a unit cost of \$3,862/MW-year, which is then divided by 1,000 to derive a kW-year unit cost of \$3.86/kW-year. This kW-year unit cost is divided by 12 to yield a monthly SCD for IR service unit cost of \$0.322/kW-month. *Id*., lines 39-44.

The rates for Block 1 daily service and hourly SCD service include the adjustment for short-term sales that this Study includes for the rates for every PTP service. Section 4.3 discusses this adjustment. The short-term Block 1 rate of $0.015/kW-day equals the SCD annual unit cost divided by 365 days and multiplied by the LLH/HLH factor of 7/5 (seven days divided by five HLH days). *Id.*, line 52. The Block 2 rate of $0.011/kW-day equals the SCD annual unit cost divided by 365 days. *Id.*, line 53. This Study calculates the hourly rate of 0.93 mills/kWh by dividing the annual unit cost by 8,760 hours/year, multiplying by 1,000 to convert to mills, and multiplying by the LLH/HLH factors of 24/16 (24 hours/day divided by 16 HLH/day) and 7/5. *Id.*, line 54.

### 6.2 Generation Supplied Reactive Service

The GSR rate is set on a quarterly basis pursuant to a formula in the GSR rate schedule. *See* Transmission, Ancillary, and Control Area Service Rate Schedules, BP-18-A-04-AP04, ACS-18, § II.B. As of October 1, 2007, BPA Transmission Services no longer compensates BPA Power Services for generation inputs associated with providing reactive supply and is not required to pay independent power producers for reactive supply inside the deadband. *See Bonneville Power Admin. v. Puget Sound Energy, Inc.*, 120 FERC ¶ 61,211 (2007), *reh'g denied*, 125 FERC ¶ 61,273 (2008). Therefore, no costs exist for GSR inside the deadband. BPA is required to pay generators for reactive supply that it requests outside the deadband, pursuant to the generator's FERC-approved rate. BPA does not expect any costs for GSR outside the deadband during the rate period. Therefore, the GSR rate is expected to be zero for the FY 2018–2019 rate period.

## 7. OTHER SERVICES AND PROVISIONS

### 7.1 Western Electricity Coordinating Council (WECC) and Peak Reliability (Peak) Rate

The WECC and Peak rates recover costs associated with funding the reliability activities of the North American Electric Reliability Corporation (NERC), the Western Electricity Coordinating Council (WECC), and Peak Reliability (Peak). The WECC rate recovers costs associated with the Electric Reliability Organization (ERO) responsibilities delegated to WECC by NERC. The Peak rate recovers costs associated with the Reliability Coordinator and Interchange Authority functions recently assumed from WECC. The WECC and Peak organizations assign costs to the Balancing Authorities (BAs) they serve based on load in each BA's service area (Balancing Authority Area – BAA). The WECC and Peak costs collected through the WECC and Peak rates are the share of WECC and Peak costs assessed to BPA due to customers' loads in BPA's BAA. WECC and Peak costs assessed to BPA for unscheduled flow, station service and losses are recovered through the SCD Rate.

Total WECC and Peak costs are estimated to average $6.054 million per year for the FY 2018–2019 rate period. These costs are directly assigned to the Ancillary Services Segmented Revenue requirement shown on Table 1, column I. The forecast $6.054 million per year in total WECC and Peak costs are based on 2016 actuals, inflated by 1.6 percent, which is the inflation rate BPA used in the IPR Of the total forecast of $6.054 million per year in WECC and Peak costs, $5.230 of those costs are related to customer served load in BPA's BAA and will be recovered through the WECC and Peak rates. The anticipated costs associated with customer served load are forecast to be $2.665 million for WECC and $2.565 million for Peak. Table 10.2, lines 1, 7. The remaining $0.824M per year in WECC and Peak costs is associated with unscheduled flow, station service and losses and will be recovered through the SCD rate.

The rates are determined by first removing the WECC and Peak costs related to customer served load in BPA's BAA from the Ancillary Services segment. Table 3, lines 28-29. BPA then calculates the WECC and Peak rates by dividing the forecast annual average WECC and Peak costs resulting from customers' loads in BPA's BAA by the forecast average annual load in the BAA of 51,392,109 kWh. Table 10.2, lines 4, 10. This results in an hourly WECC rate of $0.05 mills/kWh and an hourly Peak rate of $0.05 mills/kWh. *Id.* These rates will only be charged to customers serving load in BPA's BAA.

### 7.2 Oversupply Rate (OS-18)

The Oversupply rate recovers the displacement costs that BPA pays under Attachment P of its Tariff, also known as the Oversupply Management Protocol (OMP), for the FY 2018–2019 rate period. Under the protocol, in order to moderate total dissolved gas levels in the Columbia River BPA displaces generators located in BPA's BAA under a least-cost displacement cost curve. The Oversupply rate allocates displacement costs to each generator based on the proportion that that generator's scheduled generation for the hour bears to the total amount of scheduled generation in the balancing authority area for the hour. For generation scheduled by BPA Power Services, BPA will bill customers that purchase under the PF, IP, or NR rate schedules using Modified Tier 1 Cost Allocators (TOCA). TOCAs are customer-specific power rate billing determinants that are established under the Tiered Rate Methodology for PF customers. Each power customer's billing determinant is a percentage of the sum of all power customers' billing determinants. *See* Transmission, Ancillary, and Control Area Service Rate Schedules, BP-18-A-04-AP04, GRSP II.K.

### 7.3 Use-of-Facilities Transmission Rate (UFT-18)

Use-of-Facilities Transmission (UFT) service is generally offered in a limited set of situations in which PTP transmission service is not appropriate. Such situations include, for example, sales of capacity over a specific set of facilities within a substation (*e.g.*, buswork or a transformer bank) that do not negatively affect power flows on the rest of the transmission system.

The UFT rate schedule includes a formula monthly rate of one-twelfth of the sum of the annual costs of the transmission facilities used by the UFT customer divided by the sum of the transmission demand reserved by the UFT customer. If more than one customer uses given facilities, the costs of the facilities are allocated between the customers based on usage.

BPA adjusts the costs of operating and maintaining the transmission facilities (the numerator in the UFT formula rate) annually. Finally, the UFT rate schedule includes provisions for Ancillary Services and Failure to Comply Penalties.

### 7.4 Advance Funding Rate (AF-18)

If a customer and BPA agree that the customer should advance fund BPA-owned transmission facilities, the customer will pay BPA the cost of those facilities under the AF-18 rate schedule. Such facilities may include for example, interconnection and resource integration facilities and transmission system upgrades, reinforcements, and replacements. The Advance Funding rate allows BPA to recover costs and prevent stranded costs for facilities that BPA builds under agreements with individual customers. After commercial operation of the facilities, BPA performs a true-up of estimated costs to actual costs and either bills the customer or issues a refund for the difference between the advance payment and the actual costs.

## 7.5 Rate Adjustment Due to FERC Order Under Section 212 of the Federal Power Act

This provision is included in the NT, PTP, IS, IM, and ACS rate schedules. After review by FERC, these rate schedules may be modified to satisfy statutory standards for FERC-ordered transmission service. For customers taking transmission service that has not been ordered by FERC, any modifications would be effective only prospectively from the date of the FERC order that grants final approval of the rate schedule for FERC-ordered transmission.

## 7.6 Delivery Charges

### 7.6.1 Utility Delivery Charge

The Utility Delivery Charge applies to utility customers that take delivery of power over transmission facilities that are included in the Utility Delivery segment. Utility Delivery customers are customers that serve retail load, including as investor-owned utilities, public utility districts, cooperatives, and municipalities.

The annual average segmented revenue requirement for the Utility Delivery segment is $2.755 million. Table 1, line 27. As described in Section 3, this Study applies revenue credits and adjustments to this amount to determine the net segmented revenue requirement. The annual average net segmented revenue requirement for the Utility Delivery segment is $2.564 million. Table 3, line 36.

This Study determines an annual unit cost for Utility Delivery service by dividing the $2.564 million revenue requirement by the forecast annual average Utility Delivery sales of 166.5 MW. Table 9. This results in an annual unit cost of $15.40/kW-year and a monthly unit cost of $1.283/kW-month. *Id*.

#### 7.6.2 DSI Delivery Charge

The DSI Delivery Charge applies to direct-service industrial customers that take delivery of power over transmission facilities that are included in the DSI Delivery segment. The DSI Delivery Charge is a Use-of-Facility Charge and is determined under Sections III.A and B of the UFT-18 rate schedule. See Section 7.3 for an explanation of the Use-of-Facility Charge.

### 7.7 Failure to Comply Penalty Charge

The Failure to Comply Penalty Charge applies when a party fails to comply with BPA's dispatch, curtailment, redispatch, or load shedding orders necessary to maintain system reliability. Transmission, Ancillary, and Control Area Service Rate Schedules, BP-18-A-04-AP04, GRSP II.B. The charge is the greater of 500 mills/kWh or 150 percent of an hourly energy index in the Pacific Northwest, measured by the number of kilowatthours a party fails to curtail, redispatch, shed load, or change or limit generation in response to a BPA order.

### 7.8 Unauthorized Increase Charge

For firm transmission service under the PTP, IS, and IM rate schedules, BPA assesses an Unauthorized Increase Charge (UIC) when a customer's transmission usage exceeds its capacity reservations at any Point of Receipt (POR) or Point of Delivery (POD). *Id.* § II.F. The UIC rate is the lesser of (i) 100 mills/kWh plus the price cap established by the Commission for spot market sales of energy in the WECC, or (ii) 1000 mills/kWh. If the Commission eliminates the WECC price cap, the rate will be 500 mills/kWh.

For each hour, BPA adds the amounts that exceed capacity reservations at all PODs and PORs. The billing factor is the higher of the POR sum or the POD sum. BPA uses hourly measurements based on a 10-minute moving average to calculate actual demands at PODs associated with loads that are one-way dynamically scheduled and at PORs associated with resources that are one-way dynamically scheduled. For two-way dynamic schedules, actual demands are the instantaneous peak demand for the hour. The actual demands associated with all other PORs and PODs are based on 60-minute integrated demands or transmission schedules.

BPA may waive or reduce a UIC based on the criteria in the GRSPs. Because the UIC is a penalty rate, and BPA expects customers to limit their usage to the amount of reserved capacity, BPA does not expect to assess this charge during the rate period.

### 7.9 Reservation Fee

The Reservation Fee is included in the PTP, IS, and IM rate schedules. The Reservation Fee applies to PTP transmission customers that, pursuant to OATT Section 17.7, request an extension (deferral) of the Service Commencement Date specified in the Service Agreement. The Reservation Fee is a nonrefundable fee equal to one month's charge for each year or fraction of a year which the customer extends extension of the service commencement date by the customer.

**7.10 IR Ratchet Demand**

The IR rate schedule includes a Ratchet Demand Relief provision that describes the demonstration the customer must make to obtain a waiver or reduction of a Ratchet Demand. A Ratchet Demand is the maximum demand established during a specified period.

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# TABLES

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## Table 1
## Transmission Revenue Requirements
($000/yr)

| | (A) | (B) Total | (C) Generation Integration | (D) Network | (E) Intertie Southern | (F) Eastern | (G) Delivery Utility | (H) Delivery Industry | (I) Ancillary Services/1 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **FY 2018:** | | | | | | | | |
| 2 | FCRTS Investment Base (Net Plant) | 5,802,497 | 85,596 | 4,721,525 | 731,887 | 88,059 | 10,705 | 6,505 | 158,221 |
| 3 | Percent of Total | | 1.5% | 81.4% | 12.6% | 1.5% | 0.2% | 0.1% | 2.7% |
| 4 | Operations & Maintenance | 486,373 | 7,003 | 303,091 | 39,239 | 5,426 | 1,696 | 1,046 | 128,872 |
| 5 | Transmission Acquisition & Ancillary Services | 119,460 | 50 | 17,168 | 1,347 | 12 | 205 | 9 | 100,670 |
| 6 | Depreciation | 273,164 | 3,538 | 202,895 | 29,695 | 3,600 | 565 | 345 | 32,525 |
| 7 | Net Interest Expense | 148,225 | 2,123 | 121,401 | 18,167 | 2,184 | 265 | 161 | 3,924 |
| 8 | Planned Net Revenues | 8,626 | 57 | 5,854 | 2,541 | 58 | 7 | 4 | 105 |
| 9 | **Total Transmission Revenue Requirement** | **1,035,849** | **12,771** | **650,409** | **90,989** | **11,279** | **2,739** | **1,565** | **266,096** |
| 10 | **FY 2019:** | | | | | | | | |
| 11 | FCRTS Investment Base (Net Plant) | 5,945,000 | 83,207 | 4,853,917 | 728,375 | 85,421 | 10,413 | 6,328 | 177,339 |
| 12 | Percent of Total | | 1.4% | 81.6% | 12.3% | 1.4% | 0.2% | 0.1% | 3.0% |
| 13 | Operations & Maintenance | 490,918 | 7,047 | 304,952 | 39,483 | 5,460 | 1,706 | 1,053 | 131,217 |
| 14 | Transmission Acquisition & Ancillary Services | 111,983 | 50 | 16,601 | 1,347 | 12 | 205 | 9 | 93,760 |
| 15 | Depreciation | 284,422 | 3,606 | 211,488 | 30,374 | 3,654 | 582 | 355 | 34,362 |
| 16 | Net Interest Expense | 164,167 | 2,240 | 134,792 | 19,610 | 2,300 | 280 | 170 | 4,774 |
| 17 | Planned Net Revenues | 348 | (27) | 984 | (518) | (28) | (3) | (2) | (58) |
| 18 | **Total Transmission Revenue Requirement** | **1,051,837** | **12,916** | **668,817** | **90,296** | **11,397** | **2,770** | **1,585** | **264,057** |
| 19 | **Annual Average for Rate Period** | | | | | | | | |
| 20 | FCRTS Investment Base (Net Plant) | 5,873,749 | 84,402 | 4,787,721 | 730,131 | 86,740 | 10,559 | 6,416 | 167,780 |
| 21 | Percent of Total | | 1.4% | 81.5% | 12.4% | 1.5% | 0.2% | 0.1% | 2.9% |
| 22 | Operations & Maintenance | 488,645 | 7,025 | 304,021 | 39,361 | 5,443 | 1,701 | 1,049 | 130,045 |
| 23 | Transmission Acquisition & Ancillary Services | 115,722 | 50 | 16,884 | 1,347 | 12 | 205 | 9 | 97,215 |
| 24 | Depreciation | 278,793 | 3,572 | 207,192 | 30,034 | 3,627 | 573 | 350 | 33,444 |
| 25 | Net Interest Expense | 156,196 | 2,181 | 128,097 | 18,889 | 2,242 | 273 | 166 | 4,349 |
| 26 | Planned Net Revenues | 4,487 | 15 | 3,419 | 1,011 | 15 | 2 | 1 | 24 |
| 27 | **Total Transmission Revenue Requirement** | 1,043,843 | 12,843 | 659,613 | 90,642 | 11,338 | 2,755 | 1,575 | 265,076 |

/1 Ancillary Service costs include Scheduling, System Control, and Dispatch (SCD) and Gen Inputs costs.

## Table 2
## Revenue Credits

| | (A) Transmission Revenue Credit | (B) FY 2017 ($000) | (C) FY 2018 ($000) | (D) FY 2019 ($000) | (E) Avg 18/19 ($000/yr) | (F) Growth |
|---|---|---|---|---|---|---|
| 1 | IS Reservation Fee | - | - | - | - | - |
| 2 | UFT Fixed Dollar Amount | 4,848 | 4,841 | 4,682 | 4,762 | -1.8% |
| 3 | UFT Variable Service Amt | 259 | 242 | 242 | 242 | -6.6% |
| 4 | O&M Non-Federal Facility | 426 | 416 | 416 | 416 | -2.3% |
| 5 | O&M Federal Facility | 304 | 303 | 303 | 303 | -0.3% |
| 6 | PTP Reservation Fee | 2,114 | 1,861 | 1,340 | 1,601 | -24.3% |
| 7 | CF Reservation Fee | - | - | - | - | N/A |
| 8 | Failure to Comply Penalty | - | - | - | - | N/A |
| 9 | SINT AC Non Federal O&M | 1,905 | 1,905 | 1,905 | 1,905 | 0.0% |
| 10 | SINT AC Non Fed Replacements | - | - | - | - | N/A |
| 11 | TOP Service Charge | 1,100 | 1,100 | 1,100 | 1,100 | 0.0% |
| 12 | DSI Delivery Charge | 1,915 | 1,915 | 1,915 | 1,915 | 0.0% |
| 13 | PCS Wireless Leases | 4,228 | 5,022 | 5,042 | 5,032 | 19.0% |
| 14 | PCS Construction | 3,015 | 3,720 | 3,720 | 3,720 | 23.4% |
| 15 | PCS Operations & Maintenance | 435 | 312 | 312 | 312 | -28.3% |
| 16 | Fiber Leases | 8,103 | 7,733 | 7,379 | 7,556 | -6.8% |
| 17 | Fiber Operations & Maintenance | 1,484 | 1,550 | 1,550 | 1,550 | 4.4% |
| 18 | Land Use/Lease/Sale | 208 | 216 | 216 | 216 | 3.8% |
| 19 | Misc Leases | 73 | 105 | 105 | 105 | 43.8% |
| 20 | Right-Of-Way Lease | 79 | 79 | 79 | 79 | 0.0% |
| 21 | COE/BOR Project Revenue | - | - | - | - | N/A |
| 21 | 3rd AC RAS Generation Dropping | 27 | 27 | 27 | 27 | 0.0% |
| 22 | AC RAS Load Tripping | - | - | - | - | N/A |
| 23 | Transmission Share of IPP | 246 | 246 | 246 | 246 | 0.0% |
| 24 | Use of Communication Equipmt | 179 | 179 | 177 | 178 | -0.6% |
| 25 | FPS Real Power Losses | - | - | - | - | N/A |
| 26 | Amort NonFed PNW AC Intertie | 3,408 | 3,409 | 3,409 | 3,409 | 0.0% |
| 27 | Transmission Processing Fee | 41 | 43 | 43 | 43 | 4.9% |
| 28 | **Total** | **34,397** | **35,224** | **34,208** | **34,716** | 0.9% |

**Table 2**
**Revenue Credits**

| | (A) Credit Segmentation Factors | (B) Basis | (C) Total | (D) Generation Integration | (E) Network | (F) Delivery Utility | (G) Delivery Industrial | (H) Intertie Southern | (I) Intertie Eastern | (J) Ancillary Services |
|---|---|---|---|---|---|---|---|---|---|---|
| 29 | IS Reservation Fee | direct | 100.00% | - | - | - | - | 100.00% | - | - |
| 30 | UFT Fixed Dollar Amount | direct | 100.00% | 0.30% | 51.18% | 3.15% | - | 36.92% | 8.45% | - |
| 31 | UFT Variable Service Amt | direct | 100.00% | 0.30% | 51.18% | 3.15% | - | 36.92% | 8.45% | - |
| 32 | O&M Non-Federal Facility | direct | 100.00% | - | 93.04% | - | 1.32% | 2.88% | 2.01% | 0.75% |
| 33 | O&M Federal Facility | direct | 100.00% | - | 93.04% | - | 1.32% | 2.88% | 2.01% | 0.75% |
| 34 | PTP Reservation Fee | network | 100.00% | - | 100.00% | - | - | - | - | - |
| 35 | CF Reservation Fee | network | 100.00% | - | 100.00% | - | - | - | - | - |
| 36 | Failure to Comply Penalty | network | 100.00% | - | 100.00% | - | - | - | - | - |
| 37 | SINT AC Non Federal O&M | southern | 100.00% | - | - | - | - | 100.00% | - | - |
| 38 | SINT AC Non Fed Replacements | southern | 100.00% | - | - | - | - | 100.00% | - | - |
| 39 | TOP Service Charge | network | 100.00% | - | 100.00% | - | - | - | - | - |
| 40 | DSI Delivery Charge | industry | 100.00% | - | - | - | 100.00% | - | - | - |
| 41 | PCS Wireless Leases | net plant | 100.00% | 1.23% | 70.00% | 0.15% | 0.09% | 10.67% | 1.27% | 16.58% |
| 42 | PCS Construction | net plant | 100.00% | 1.23% | 70.00% | 0.15% | 0.09% | 10.67% | 1.27% | 16.58% |
| 43 | PCS Operations & Maintenance | net plant | 100.00% | 1.23% | 70.00% | 0.15% | 0.09% | 10.67% | 1.27% | 16.58% |
| 44 | Fiber Leases | net plant | 100.00% | 1.23% | 70.00% | 0.15% | 0.09% | 10.67% | 1.27% | 16.58% |
| 45 | Fiber Operations & Maintenance | net plant | 100.00% | 1.23% | 70.00% | 0.15% | 0.09% | 10.67% | 1.27% | 16.58% |
| 46 | Land Use/Lease/Sale | net plant | 100.00% | 1.23% | 70.00% | 0.15% | 0.09% | 10.67% | 1.27% | 16.58% |
| 47 | Misc Leases | net plant | 100.00% | 1.23% | 70.00% | 0.15% | 0.09% | 10.67% | 1.27% | 16.58% |
| 48 | Right-Of-Way Lease | net plant | 100.00% | 1.23% | 70.00% | 0.15% | 0.09% | 10.67% | 1.27% | 16.58% |
| 49 | COE/BOR Project Revenue | direct | 100.00% | - | 97.85% | - | - | 2.15% | - | - |
| 50 | 3rd AC RAS Generation Dropping | southern | 100.00% | - | - | - | - | 100.00% | - | - |
| 51 | AC RAS Load Tripping | southern | 100.00% | - | - | - | - | 100.00% | - | - |
| 52 | Transmission Share of IPP | network | 100.00% | - | 100.00% | - | - | - | - | - |
| 53 | Use of Communication Equipmt | net plant | 100.00% | 1.23% | 70.00% | 0.15% | 0.09% | 10.67% | 1.27% | 16.58% |
| 54 | FPS Real Power Losses | network | 100.00% | - | 100.00% | - | - | - | - | - |
| 55 | Amort NonFed PNW AC Intertie | southern | 100.00% | - | - | - | - | 100.00% | - | - |
| 56 | Transmission Processing Fee | network | 100.00% | - | 100.00% | - | - | - | - | - |

## Table 2
## Revenue Credits

| | (A) FY 2018 Revenue | (B) Generation Integration ($000) | (C) Network ($000) | (D) Delivery Utility ($000) | (E) Delivery Industrial ($000) | (F) Intertie Southern ($000) | (G) Intertie Eastern ($000) | (H) Ancillary Services ($000) |
|---|---|---|---|---|---|---|---|---|
| 57 | IS Reservation Fee | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 58 | UFT Fixed Dollar Amount | 14 | 2,477 | 153 | 0 | 1,787 | 409 | 0 |
| 59 | UFT Variable Service Amt | 1 | 124 | 8 | 0 | 89 | 20 | 0 |
| 60 | O&M Non-Federal Facility | 0 | 387 | 0 | 5 | 12 | 8 | 3 |
| 61 | O&M Federal Facility | 0 | 282 | 0 | 4 | 9 | 6 | 2 |
| 62 | PTP Reservation Fee | 0 | 1,861 | 0 | 0 | 0 | 0 | 0 |
| 63 | CF Reservation Fee | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 64 | Failure to Comply Penalty | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65 | SINT AC Non Federal O&M | 0 | 0 | 0 | 0 | 1,905 | 0 | 0 |
| 66 | SINT AC Non Fed Replacements | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 67 | TOP Service Charge | 0 | 1,100 | 0 | 0 | 0 | 0 | 0 |
| 68 | DSI Delivery Charge | 0 | 0 | 0 | 1,915 | 0 | 0 | 0 |
| 69 | PCS Wireless Leases | 62 | 3,515 | 8 | 5 | 536 | 64 | 833 |
| 70 | PCS Construction | 46 | 2,604 | 6 | 3 | 397 | 47 | 617 |
| 71 | PCS Operations & Maintenance | 4 | 218 | 0 | 0 | 33 | 4 | 52 |
| 72 | Fiber Leases | 95 | 5,413 | 12 | 7 | 825 | 98 | 1,282 |
| 73 | Fiber Operations & Maintenance | 19 | 1,085 | 2 | 1 | 165 | 20 | 257 |
| 74 | Land Use/Lease/Sale | 3 | 151 | 0 | 0 | 23 | 3 | 36 |
| 75 | Misc Leases | 1 | 73 | 0 | 0 | 11 | 1 | 17 |
| 76 | Right-Of-Way Lease | 1 | 55 | 0 | 0 | 8 | 1 | 13 |
| 77 | COE/BOR Project Revenue | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 78 | 3rd AC RAS Generation Dropping | 0 | 0 | 0 | 0 | 27 | 0 | 0 |
| 79 | AC RAS Load Tripping | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 80 | Transmission Share of IPP | 0 | 246 | 0 | 0 | 0 | 0 | 0 |
| 81 | Use of Communication Equipmt | 2 | 125 | 0 | 0 | 19 | 2 | 30 |
| 82 | FPS Real Power Losses | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 83 | Amort NonFed PNW AC Intertie | 0 | 0 | 0 | 0 | 3,409 | 0 | 0 |
| 84 | Transmission Processing Fee | 0 | 43 | 0 | 0 | 0 | 0 | 0 |
| 85 | **Subtotal FY 2018** | **249** | **19,761** | **189** | **1,942** | **9,258** | **684** | **3,141** |

**Table 2**
**Revenue Credits**

| | (A) FY 2019 Revenue | (B) Generation Integration ($000) | (C) Network ($000) | (D) Delivery Utility ($000) | (E) Delivery Industrial ($000) | (F) Intertie Southern ($000) | (G) Intertie Eastern ($000) | (H) Ancillary Services ($000) |
|---|---|---|---|---|---|---|---|---|
| 86 | IS Reservation Fee | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87 | UFT Fixed Dollar Amount | 14 | 2,396 | 148 | 0 | 1,729 | 396 | 0 |
| 88 | UFT Variable Service Amt | 1 | 124 | 8 | 0 | 89 | 20 | 0 |
| 89 | O&M Non-Federal Facility | 0 | 387 | 0 | 5 | 12 | 8 | 3 |
| 90 | O&M Federal Facility | 0 | 282 | 0 | 4 | 9 | 6 | 2 |
| 91 | PTP Reservation Fee | 0 | 1,340 | 0 | 0 | 0 | 0 | 0 |
| 92 | CF Reservation Fee | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 93 | Failure to Comply Penalty | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 94 | SINT AC Non Federal O&M | 0 | 0 | 0 | 0 | 1,905 | 0 | 0 |
| 95 | SINT AC Non Fed Replacements | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 96 | TOP Service Charge | 0 | 1,100 | 0 | 0 | 0 | 0 | 0 |
| 97 | DSI Delivery Charge | 0 | 0 | 0 | 1,915 | 0 | 0 | 0 |
| 98 | PCS Wireless Leases | 62 | 3,529 | 8 | 5 | 538 | 64 | 836 |
| 99 | PCS Construction | 46 | 2,604 | 6 | 3 | 397 | 47 | 617 |
| 100 | PCS Operations & Maintenance | 4 | 218 | 0 | 0 | 33 | 4 | 52 |
| 101 | Fiber Leases | 91 | 5,165 | 11 | 7 | 788 | 94 | 1,223 |
| 102 | Fiber Operations & Maintenance | 19 | 1,085 | 2 | 1 | 165 | 20 | 257 |
| 103 | Land Use/Lease/Sale | 3 | 151 | 0 | 0 | 23 | 3 | 36 |
| 104 | Misc Leases | 1 | 73 | 0 | 0 | 11 | 1 | 17 |
| 105 | Right-Of-Way Lease | 1 | 55 | 0 | 0 | 8 | 1 | 13 |
| 106 | COE/BOR Project Revenue | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 107 | 3rd AC RAS Generation Dropping | 0 | 0 | 0 | 0 | 27 | 0 | 0 |
| 108 | AC RAS Load Tripping | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 109 | Transmission Share of IPP | 0 | 246 | 0 | 0 | 0 | 0 | 0 |
| 110 | Use of Communication Equipmt | 2 | 124 | 0 | 0 | 19 | 2 | 29 |
| 111 | FPS Real Power Losses | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 112 | Amort NonFed PNW AC Intertie | 0 | 0 | 0 | 0 | 3,409 | 0 | 0 |
| 113 | Transmission Processing Fee | 0 | 43 | 0 | 0 | 0 | 0 | 0 |
| 114 | **Subtotal FY 2019** | **244** | **18,923** | **184** | **1,942** | **9,163** | **666** | **3,086** |

## Table 3
## Segmented Revenue Requirement Adjustments
($000/yr)

| | (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) |
|---|---|---|---|---|---|---|---|---|
| | | Generation | | Intertie | | Delivery | | Ancillary |
| | | Integration | Network | Southern | Eastern | Utility | Industry | Services |
| 1 | **FY 2018** | | | | | | | |
| 2 | Unadjusted Costs (Table 1)......................... | 12,771 | 650,410 | 90,989 | 11,279 | 2,739 | 1,565 | 266,096 |
| 3 | Revenue Credits (Table 2).......................... | -249 | -19,761 | -9,258 | -684 | -189 | -1,942 | -3,141 |
| 4 | WECC Costs 1/…………………….............. | 0 | 0 | 0 | 0 | 0 | 0 | -2,650 |
| 5 | Peak Costs 1/ ……………………….......... | 0 | 0 | 0 | 0 | 0 | 0 | -2,550 |
| 6 | IM Tx Revenues......................................... | 0 | 0 | 0 | -98 | 0 | 0 | 0 |
| 7 | TGT Revenues............................................ | 0 | 0 | 0 | -12,414 | 0 | 0 | 0 |
| 8 | NT Federal Redispatch Credit 1/................. | 0 | -160 | 0 | 0 | 0 | 0 | 0 |
| 9 | NT Nonfederal Redispatch Credit 1/........... | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | Eastern Intertie Adjustment 2/..................... | -29 | -1,584 | -246 | 1,917 | -4 | -2 | -53 |
| 11 | Industry Delivery Adjustment 2/.................. | -6 | -313 | -49 | 0 | -1 | 379 | -11 |
| 12 | **Total** | **12,488** | **628,592** | **81,437** | **0** | **2,545** | **0** | **257,691** |
| 13 | **FY 2019** | | | | | | | |
| 14 | Unadjusted Costs (Table 1)......................... | 12,916 | 668,817 | 90,296 | 11,397 | 2,770 | 1,585 | 264,057 |
| 15 | Revenue Credits (Table 2).......................... | -244 | -18,923 | -9,163 | -666 | -184 | -1,942 | -3,086 |
| 16 | WECC Costs 1/…………………….............. | 0 | 0 | 0 | 0 | 0 | 0 | -2,680 |
| 17 | Peak Costs 1/ ……………………….......... | 0 | 0 | 0 | 0 | 0 | 0 | -2,580 |
| 18 | IM Tx Revenues......................................... | 0 | 0 | 0 | -98 | 0 | 0 | 0 |
| 19 | TGT Revenues............................................ | 0 | 0 | 0 | -12,414 | 0 | 0 | 0 |
| 20 | NT Firm Redispatch Credit 1/...................... | 0 | -160 | 0 | 0 | 0 | 0 | 0 |
| 21 | NT Nonfederal Redispatch Credit 1/........... | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | Eastern Intertie Adjustment 2/..................... | -25 | -1,475 | -221 | 1,781 | -3 | -2 | -54 |
| 23 | Industry Delivery Adjustment 2/.................. | -5 | -298 | -45 | 0 | -1 | 359 | -11 |
| 24 | **Total** | **12,642** | **647,960** | **80,866** | **0** | **2,583** | **0** | **255,646** |

# Table 3
## Segmented Revenue Requirement Adjustments
($000/yr)

| | (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) |
|---|---|---|---|---|---|---|---|---|
| | | Generation | | Intertie | | Delivery | | Ancillary |
| | | Integration | Network | Southern | Eastern | Utility | Industry | Services |
| 25 | **Average FY 2018 and FY 2019** | | | | | | | |
| 26 | Unadjusted Costs (Table 1).......................... | 12,843 | 659,613 | 90,642 | 11,338 | 2,755 | 1,575 | 265,076 |
| 27 | Revenue Credits (Table 2)........................... | -246 | -19,342 | -9,210 | -675 | -187 | -1,942 | -3,113 |
| 28 | WECC Costs 1/………………….............. | 0 | 0 | 0 | 0 | 0 | 0 | -2,665 |
| 29 | Peak Costs 1/ ……………………........... | 0 | 0 | 0 | 0 | 0 | 0 | -2,565 |
| 30 | IM Tx Revenues......................................... | 0 | 0 | 0 | -98 | 0 | 0 | 0 |
| 31 | TGT Revenues............................................ | 0 | 0 | 0 | -12,414 | 0 | 0 | 0 |
| 32 | NT Firm Redispatch Credit 1/...................... | 0 | -160 | 0 | 0 | 0 | 0 | 0 |
| 33 | NT Nonfederal Redispatch Credit 1/........... | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 34 | Eastern Intertie Adjustment 2/..................... | -27 | -1,530 | -233 | 1,849 | -3 | -2 | -53 |
| 35 | Industry Delivery Adjustment 2/.................. | -5 | -306 | -47 | 0 | -1 | 369 | -11 |
| 36 | **Total** | **12,565** | **638,276** | **81,152** | **0** | **2,564** | **0** | **256,669** |

1/ NT Redispatch Credit adjustments are for NT Redispatch costs that are 100% assignable to NT Service.

2/ Eastern Intertie, Industry Delivery, and Utility Delivery adjustments (cost - revenue) segmented on Table 1 net plant percentages.

# Table 4
## Long-term Transmission Sales
(MegaWatts)

| | (A) Transmission Rate Schedule | (B) MWs | (C) Oct | (D) Nov | (E) Dec | (F) Jan | (G) Feb | (H) Mar | (I) Apr | (J) May | (K) Jun | (L) Jul | (M) Aug | (N) Sep | (O) Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Network** | | | | | | | | | | | | | | |
| 2 | **FY 2018** | | | | | | | | | | | | | | |
| 3 | Formula Power Transmission -- 1 Year | m_cd | 885 | 885 | 885 | 885 | 885 | 885 | 885 | 885 | 885 | 885 | 885 | 885 | **885** |
| 4 | Formula Power Transmission -- 3 Year | | 58 | 68 | 77 | 73 | 66 | 66 | 60 | 56 | 50 | 56 | 56 | 55 | **62** |
| 5 | Integration of Resources (IR) | m_cd | 266 | 266 | 266 | 266 | 266 | 266 | 266 | 266 | 266 | 266 | 266 | 0 | **244** |
| 6 | PTP | m_cd | 25,796 | 25,684 | 25,696 | 25,796 | 25,816 | 25,816 | 25,816 | 25,916 | 25,916 | 25,916 | 26,116 | 26,116 | **25,867** |
| 7 | PTP SDD | m_cd | -260 | -260 | -260 | -260 | -260 | -260 | -260 | -260 | -260 | -260 | -260 | -260 | **-260** |
| 8 | Point to Point (PTP) | m_cd | 25,536 | 25,424 | 25,436 | 25,536 | 25,556 | 25,556 | 25,556 | 25,656 | 25,656 | 25,656 | 25,856 | 25,856 | **25,607** |
| 9 | Point to Point (PTP) w/o SDD | m_cd | 25,796 | 25,684 | 25,696 | 25,796 | 25,816 | 25,816 | 25,816 | 25,916 | 25,916 | 25,916 | 26,116 | 26,116 | **25,867** |
| 10 | PTP to Which SCD Charges Do Not Apply | m_cd | -73 | -73 | -73 | -73 | -73 | -73 | -73 | -73 | -73 | -73 | -73 | -73 | **-73** |
| 11 | NT SDD EXPECTATION | m_cp | -132 | -144 | -144 | -146 | -114 | -102 | -151 | -64 | -88 | -122 | -126 | -133 | **-122** |
| 12 | NT Coincident with Transmission Peak (CP): | | | | | | | | | | | | | | |
| 13 | Network Load Service | m_cp | 5,755 | 6,964 | 7,867 | 7,590 | 7,226 | 6,529 | 5,935 | 5,521 | 5,904 | 6,363 | 6,317 | 5,702 | **6,473** |
| 14 | Network Transmission (NT) (Including SDD) | m_cp | 5,623 | 6,820 | 7,722 | 7,444 | 7,112 | 6,428 | 5,784 | 5,457 | 5,816 | 6,241 | 6,191 | 5,569 | **6,351** |
| 15 | Annual peak | a_cp | | | | | | | | | | | | | **7,722** |
| 16 | NT Coincident with Customer Peak (NCP): | | | | | | | | | | | | | | |
| 17 | Network Load Service | m_ncp | 7,019 | 8,062 | 9,001 | 8,971 | 8,584 | 7,869 | 7,448 | 6,731 | 6,639 | 7,113 | 7,013 | 6,612 | **7,588** |
| 18 | Network Transmission (NT) (Including SDD) | m_ncp | 6,887 | 7,918 | 8,856 | 8,825 | 8,470 | 7,767 | 7,297 | 6,667 | 6,551 | 6,991 | 6,887 | 6,479 | **7,466** |
| 19 | Annual peak | a_ncp | | | | | | | | | | | | | **8,856** |
| 20 | **Subtotal FY 2018** | | **32,500** | **33,607** | **34,531** | **34,350** | **33,999** | **33,302** | **32,703** | **32,384** | **32,761** | **33,226** | **33,380** | **32,498** | **33,270** |

# Table 4
## Long-term Transmission Sales
(MegaWatts)

| | (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (I) | (J) | (K) | (L) | (M) | (N) | (O) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Transmission Rate Schedule** | **MWs** | **Oct** | **Nov** | **Dec** | **Jan** | **Feb** | **Mar** | **Apr** | **May** | **Jun** | **Jul** | **Aug** | **Sep** | **Annual** |
| 1 | **Network** | | | | | | | | | | | | | | |
| 21 | **FY 2019** | | | | | | | | | | | | | | |
| 22 | Formula Power Transmission -- 1 Year | m_cd | 885 | 885 | 885 | 835 | 835 | 835 | 835 | 835 | 835 | 802 | 802 | 802 | **839** |
| 23 | Formula Power Transmission -- 3 Year | | 58 | 68 | 77 | 73 | 66 | 66 | 60 | 56 | 50 | 56 | 56 | 55 | **62** |
| 24 | Integration of Resources (IR) | m_cd | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0** |
| 25 | PTP | m_cd | 26,116 | 26,116 | 26,127 | 26,527 | 26,557 | 26,557 | 26,557 | 26,567 | 26,627 | 26,627 | 26,727 | 26,727 | **26,486** |
| 26 | PTP SDD | m_cd | -260 | -260 | -260 | -260 | -260 | -260 | -260 | -260 | -260 | -260 | -260 | -260 | **-260** |
| 27 | Point to Point (PTP) | m_cd | 25,856 | 25,856 | 25,867 | 26,267 | 26,297 | 26,297 | 26,297 | 26,307 | 26,367 | 26,367 | 26,467 | 26,467 | **26,226** |
| 28 | Point to Point (PTP) w/o SDD | m_cd | 26,116 | 26,116 | 26,127 | 26,527 | 26,557 | 26,557 | 26,557 | 26,567 | 26,627 | 26,627 | 26,727 | 26,727 | **26,486** |
| 29 | PTP to Which SCD Charges Do Not Apply | m_cd | -73 | -73 | -73 | -73 | -73 | -73 | -73 | -73 | -73 | -73 | -73 | -73 | **-73** |
| 30 | NT SDD EXPECTATION | m_cp | -132 | -144 | -144 | -146 | -114 | -102 | -151 | -64 | -88 | -122 | -126 | -133 | **-122** |
| 31 | NT Coincident with Transmission Peak (CP): | | | | | | | | | | | | | | |
| 32 | Network Load Service | m_cp | 5,861 | 7,092 | 8,011 | 7,673 | 7,321 | 6,612 | 5,987 | 5,576 | 5,994 | 6,459 | 6,400 | 5,768 | **6,563** |
| 33 | Network Transmission (NT) (Including SDD) | m_cp | 5,729 | 6,947 | 7,866 | 7,527 | 7,207 | 6,510 | 5,835 | 5,512 | 5,906 | 6,337 | 6,274 | 5,636 | **6,440** |
| 34 | Annual peak | a_cp | | | | | | | | | | | | | **7,866** |
| 35 | NT Coincident with Customer Peak (NCP): | | | | | | | | | | | | | | |
| 36 | Network Load Service | m_ncp | 7,138 | 8,190 | 9,127 | 9,011 | 8,627 | 7,898 | 7,484 | 6,781 | 6,701 | 7,159 | 7,059 | 6,647 | **7,652** |
| 37 | Network Transmission (NT) (Including SDD) | m_ncp | 7,006 | 8,045 | 8,983 | 8,864 | 8,513 | 7,796 | 7,332 | 6,717 | 6,613 | 7,037 | 6,933 | 6,514 | **7,529** |
| 38 | Annual peak | a_ncp | | | | | | | | | | | | | **8,983** |
| 39 | **Subtotal FY 2018** | | **32,659** | **33,900** | **34,839** | **34,848** | **34,519** | **33,810** | **33,178** | **32,774** | **33,246** | **33,685** | **33,725** | **33,093** | **33,690** |

# Table 4
## Long-term Transmission Sales
(MegaWatts)

| | (A) Transmission Rate Schedule | (B) MWs | (C) Oct | (D) Nov | (E) Dec | (F) Jan | (G) Feb | (H) Mar | (I) Apr | (J) May | (K) Jun | (L) Jul | (M) Aug | (N) Sep | (O) Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Network** | | | | | | | | | | | | | | |
| 40 | **Network Average for Rate Period** | | | | | | | | | | | | | | |
| 41 | Formula Power Transmission -- 1 Year | m_cd | 885 | 885 | 885 | 860 | 860 | 860 | 860 | 860 | 860 | 843 | 843 | 843 | **862** |
| 42 | Formula Power Transmission -- 3 Year | | 58 | 68 | 77 | 73 | 66 | 66 | 60 | 56 | 50 | 56 | 56 | 55 | **62** |
| 43 | Integration of Resources (IR) | m_cd | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 133 | 0 | **122** |
| 44 | Point to Point (PTP) with SDD | m_cd | 25,696 | 25,640 | 25,652 | 25,902 | 25,927 | 25,927 | 25,927 | 25,982 | 26,012 | 26,012 | 26,162 | 26,162 | **25,917** |
| 45 | Point to Point (PTP) w/o SDD | m_cd | 25,956 | 25,900 | 25,912 | 26,162 | 26,187 | 26,187 | 26,187 | 26,242 | 26,272 | 26,272 | 26,422 | 26,422 | **26,177** |
| 46 | PTP to Which SCD Charges Do Not Apply | m_cd | -73 | -73 | -73 | -73 | -73 | -73 | -73 | -73 | -73 | -73 | -73 | -73 | **-73** |
| 47 | NT Coincident with Transmission Peak (CP): | | | | | | | | | | | | | | |
| 48 | Network Load Service | m_cp | 5,808 | 7,028 | 7,939 | 7,632 | 7,274 | 6,571 | 5,961 | 5,548 | 5,949 | 6,411 | 6,358 | 5,735 | **6,518** |
| 49 | Network Transmission (NT) (Including SDD) | m_cp | 5,682 | 6,883 | 7,794 | 7,485 | 7,159 | 6,469 | 5,810 | 5,484 | 5,861 | 6,289 | 6,232 | 5,603 | **6,395** |
| 50 | Annual peak | | | | | | | | | | | | | | **7,794** |
| 51 | NT Coincident with Customer Peak (NCP): | | | | | | | | | | | | | | |
| 52 | Network Load Service | m_ncp | 7,079 | 8,126 | 9,064 | 8,991 | 8,606 | 7,883 | 7,466 | 6,756 | 6,670 | 7,136 | 7,036 | 6,629 | **7,620** |
| 53 | Network Transmission (NT) (Including SDD) | m_ncp | 6,953 | 7,982 | 8,919 | 8,844 | 8,491 | 7,782 | 7,314 | 6,692 | 6,582 | 7,014 | 6,910 | 6,496 | **7,498** |
| 54 | Annual peak | a_ncp | | | | | | | | | | | | | **8,919** |
| 55 | **Subtotal Network** | | **32,580** | **33,754** | **34,685** | **34,599** | **34,259** | **33,556** | **32,940** | **32,579** | **33,003** | **33,455** | **33,552** | **32,796** | **33,480** |
| 56 | **Southern Intertie** | | | | | | | | | | | | | | |
| 57 | **FY 2018** | | | | | | | | | | | | | | |
| 58 | IS CONFIRMED | m_cd | 6,022 | 6,022 | 6,022 | 6,002 | 6,002 | 6,002 | 6,002 | 6,002 | 6,002 | 6,002 | 6,002 | 6,002 | **6,007** |
| 59 | IS EXPECTATION | m_cd | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0** |
| 60 | **Subtotal FY 2018** | m_cd | **6,022** | **6,022** | **6,022** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,007** |
| 61 | **FY 2019** | | | | | | | | | | | | | | |
| 62 | IS CONFIRMED | m_cd | 6,002 | 6,002 | 6,002 | 6,002 | 6,002 | 6,002 | 6,002 | 6,002 | 6,002 | 6,002 | 6,002 | 6,002 | **6,002** |
| 63 | IS EXPECTATION | m_cd | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0** |
| 64 | **Subtotal FY 2019** | m_cd | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** |
| 65 | **Southern Intertie Average for Rate Period** | | | | | | | | | | | | | | |
| 66 | **Subtotal Southern Intertie (IS)** | m_cd | **6,012** | **6,012** | **6,012** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,005** |
| 67 | **Montana Intertie** | | | | | | | | | | | | | | |
| 68 | **FY 2018** | | | | | | | | | | | | | | |
| 69 | Montana Intertie (IM) | m_cd | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | **16** |
| 70 | **FY 2019** | | | | | | | | | | | | | | |
| 71 | Montana Intertie (IM) | m_cd | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | **16** |
| 72 | **Montana Intertie Average for Rate Period** | m_cd | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** |

m_cd = Monthly Contract Demand; m_cp = Monthly Coincidental Peak; a_cp = Annual Coincidental Peak; m_ncp = Monthly Non-Coincidental Peak; a_ncp = Annual Non-Coincidental Peak

# Table 5
# Short-term Transmission Sales

| | (A) Short-term Product | (B) Units | (C) Oct. | (D) Nov. | (E) Dec. | (F) Jan. | (G) Feb. | (H) Mar. | (I) Apr. | (J) May | (K) Jun. | (L) Jul. | (M) Aug. | (N) Sep. | (O) Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Days in Month | | 31 | 30 | 31 | 31 | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | |
| 2 | **Network (PTP only short-term)** | | | | | | | | | | | | | | |
| 3 | **FY 2018 1/** | | | | | | | | | | | | | | |
| 4 | Monthly/Weekly/Daily Block1 | MW-days | 240 | 250 | 3,020 | 4,235 | 5,490 | 7,430 | 11,380 | 18,470 | 25,830 | 17,185 | 2,120 | 305 | **95,955** |
| 5 | Monthly/Weekly/Daily Block2 | MW-days | 2,640 | 2,435 | 7,105 | 10,195 | 10,950 | 13,565 | 25,175 | 52,875 | 55,050 | 26,725 | 11,820 | 2,695 | **221,230** |
| 6 | Hourly | MWh | 111,384 | 167,520 | 221,352 | 248,856 | 172,344 | 257,952 | 332,688 | 451,896 | 483,384 | 594,216 | 195,912 | 135,240 | **3,372,744** |
| 7 | Monthly/Weekly/Daily Block1 | m_cd | 8 | 8 | 97 | 137 | 196 | 240 | 379 | 596 | 861 | 554 | 68 | 10 | **263** |
| 8 | Monthly/Weekly/Daily Block2 | m_cd | 85 | 81 | 229 | 329 | 391 | 438 | 839 | 1,706 | 1,835 | 862 | 381 | 90 | **606** |
| 9 | Hourly | m_cd | 150 | 233 | 298 | 334 | 256 | 347 | 462 | 607 | 671 | 799 | 263 | 188 | **384** |
| 10 | **Subtotal FY 2018** | m_cd | **243** | **322** | **624** | **800** | **844** | **1,024** | **1,681** | **2,909** | **3,367** | **2,215** | **713** | **288** | **1,252** |
| 11 | **FY 2019 1/** | | | | | | | | | | | | | | |
| 12 | Monthly/Weekly/Daily Block1 | MW-days | 235 | 245 | 2,965 | 4,190 | 5,455 | 7,370 | 11,325 | 18,215 | 24,940 | 17,185 | 2,105 | 300 | **94,530** |
| 13 | Monthly/Weekly/Daily Block2 | MW-days | 2,585 | 2,400 | 6,975 | 10,065 | 10,800 | 13,435 | 25,040 | 52,485 | 54,080 | 26,715 | 11,750 | 2,690 | **219,020** |
| 14 | Hourly | MWh | 109,536 | 165,576 | 216,336 | 243,984 | 167,784 | 253,680 | 327,864 | 434,328 | 455,280 | 594,168 | 194,064 | 134,520 | **3,297,120** |
| 15 | Monthly/Weekly/Daily Block1 | m_cd | 8 | 8 | 96 | 135 | 195 | 238 | 378 | 588 | 831 | 554 | 68 | 10 | **259** |
| 16 | Monthly/Weekly/Daily Block2 | m_cd | 83 | 80 | 225 | 325 | 386 | 433 | 835 | 1,693 | 1,803 | 862 | 379 | 90 | **599** |
| 17 | Hourly | m_cd | 147 | 230 | 291 | 328 | 250 | 341 | 455 | 584 | 632 | 799 | 261 | 187 | **375** |
| 18 | **Subtotal FY 2019** | m_cd | **238** | **318** | **611** | **788** | **830** | **1,012** | **1,668** | **2,864** | **3,266** | **2,215** | **708** | **287** | **1,234** |
| 19 | **Rate Period** | | | | | | | | | | | | | | |
| 20 | Monthly/Weekly/Daily Block1 | m_cd | 8 | 8 | 97 | 136 | 195 | 239 | 378 | 592 | 846 | 554 | 68 | 10 | **261** |
| 21 | Monthly/Weekly/Daily Block2 | m_cd | 84 | 81 | 227 | 327 | 388 | 435 | 837 | 1,699 | 1,819 | 862 | 380 | 90 | **602** |
| 22 | Hourly | m_cd | 148 | 231 | 294 | 331 | 253 | 344 | 459 | 596 | 652 | 799 | 262 | 187 | **380** |
| 23 | **Subtotal Rate Period** | m_cd | **240** | **320** | **618** | **794** | **837** | **1018** | **1674** | **2887** | **3317** | **2215** | **710** | **287** | **1243** |

# Table 5
## Short-term Transmission Sales

| | (A) Short-term Product | (B) Units | (C) Oct. | (D) Nov. | (E) Dec. | (F) Jan. | (G) Feb. | (H) Mar. | (I) Apr. | (J) May | (K) Jun. | (L) Jul. | (M) Aug. | (N) Sep. | (O) Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24 | **Southern Intertie** | | | | | | | | | | | | | | |
| 25 | **FY 2018 1/** | | | | | | | | | | | | | | |
| 26 | Monthly/Weekly/Daily Block1 | MW-days | 0 | 0 | 205 | 375 | 480 | 375 | 0 | 0 | 305 | 160 | 0 | 0 | **1,900** |
| 27 | Monthly/Weekly/Daily Block2 | MW-days | 0 | 0 | 245 | 460 | 590 | 455 | 0 | 0 | 375 | 195 | 0 | 0 | **2,320** |
| 28 | Hourly | MWh | 37,593 | 34,668 | 38,576 | 46,152 | 36,442 | 45,985 | 51,475 | 91,322 | 113,307 | 76,961 | 58,452 | 41,573 | **672,506** |
| 29 | Monthly/Weekly/Daily Block1 | m_cd | 0 | 0 | 7 | 12 | 17 | 12 | 0 | 0 | 10 | 5 | 0 | 0 | **5** |
| 30 | Monthly/Weekly/Daily Block2 | m_cd | 0 | 0 | 8 | 15 | 21 | 15 | 0 | 0 | 13 | 6 | 0 | 0 | **6** |
| 31 | Hourly | m_cd | 51 | 48 | 52 | 62 | 54 | 62 | 71 | 123 | 157 | 103 | 79 | 58 | **77** |
| 32 | **Subtotal FY 2018** | m_cd | **51** | **48** | **66** | **89** | **92** | **89** | **71** | **123** | **180** | **115** | **79** | **58** | **88** |
| 33 | **FY 2019 1/** | | | | | | | | | | | | | | |
| 34 | Monthly/Weekly/Daily Block1 | MW-days | 0 | 0 | 205 | 375 | 480 | 375 | 0 | 0 | 305 | 160 | 0 | 0 | **1,900** |
| 35 | Monthly/Weekly/Daily Block2 | MW-days | 0 | 0 | 245 | 460 | 590 | 455 | 0 | 0 | 375 | 195 | 0 | 0 | **2,320** |
| 36 | Hourly | MWh | 34,836 | 33,062 | 35,819 | 42,748 | 33,829 | 42,892 | 48,454 | 80,149 | 97,100 | 77,824 | 56,534 | 40,758 | **624,004** |
| 37 | Monthly/Weekly/Daily Block1 | m_cd | 0 | 0 | 7 | 12 | 17 | 12 | 0 | 0 | 10 | 5 | 0 | 0 | **5** |
| 38 | Monthly/Weekly/Daily Block2 | m_cd | 0 | 0 | 8 | 15 | 21 | 15 | 0 | 0 | 13 | 6 | 0 | 0 | **6** |
| 39 | Hourly | m_cd | 47 | 46 | 48 | 57 | 50 | 58 | 67 | 108 | 135 | 105 | 76 | 57 | **71** |
| 40 | **Subtotal FY 2019** | m_cd | **47** | **46** | **63** | **84** | **89** | **84** | **67** | **108** | **158** | **116** | **76** | **57** | **83** |
| 41 | **Rate Period** | | | | | | | | | | | | | | |
| 42 | Monthly/Weekly/Daily Block1 | m_cd | 0 | 0 | 7 | 12 | 17 | 12 | 0 | 0 | 10 | 5 | 0 | 0 | **5** |
| 43 | Monthly/Weekly/Daily Block2 | m_cd | 0 | 0 | 8 | 15 | 21 | 15 | 0 | 0 | 13 | 6 | 0 | 0 | **6** |
| 44 | Hourly | m_cd | 49 | 47 | 50 | 60 | 52 | 60 | 69 | 115 | 146 | 104 | 77 | 57 | **74** |
| 45 | **Subtotal Rate Period** | m_cd | **49** | **47** | **65** | **87** | **90** | **87** | **69** | **115** | **169** | **115** | **77** | **57** | **86** |

1/ Values based on market and streamflow estimates combined with historical trends

m_cd = Monthly Contract Demand (average), i.e. MW-days divided by days in month, MWh divided by hours in month

## Table 6
## Calculation of Formula Power Transmission Rates

| | (A) | (B) Source | (C) Sales | (D) Revenues | (E) Percent | (F) Network Rates |
|---|---|---|---|---|---|---|
| | | | MegaWatts (MW) | $000/yr | | $/kW-mo |
| 1 | **Transmission revenues from current rates** | | | | | |
| 2 | Formula Power Transmission (FPT) sales | Table 4, Line 41 (O) | **924** | | | |
| 3 | FY18 FPT Revenues /1 | Revenue forecast | | 18,647 | | |
| 4 | FY19 FPT Revenues /1 | Revenue forecast | | 18,117 | | |
| 5 | Average FPT revenues | (Line 3 + line 4) / 2 | | 18,382 | | |
| 6 | Current unit cost | Line 2 / line 5 | | | | 1.659 |
| 7 | Current PTP/IR rate plus Ancillary Services | Table 11, lines 26, 56 and 61 (D) | | | | 1.790 |
| 8 | **Transmission revenues:** | | | | | |
| 9 | **Assuming FPT3 rate stays constant** | | | | | |
| 10 | FY 2018-2019 PTP/IR rate plus Ancillary Services | Table 11, lines 26, 56 and 61 (E) | | | | 1.793 |
| 11 | Rate increase (PTP/IR rate + Ancillary) | (Line 10 - line 7 ) / line 7 | | | 0.2% | |
| 12 | Unit cost | Line 6 * ( 1 + line 11 ) | | | | **1.662** |
| 13 | FPT revenues | Line 2 * line 12 * 12 | | 18,413 | | |
| 14 | PTP/IR rate | Table 11, line 26 (E) | | | | 1.471 |
| 15 | Transmission percent of total | Line 14 / line 10 | | | 82.0% | |
| 16 | Network transmission | Line 15 * line13 | | **15,106** | | |
| 17 | Ancillary service percent of total | 100% - line 15 | | | 18.0% | |
| 18 | FPT portion of Scheduling Control & Dispatch | Line 13 - line 16 | | **3,307** | | |
| 19 | FPT portion of Generation Supplied Reactive | | | 0 | | |
| 20 | BP-16 Transmission percent of FY2018 FPT3 Revenues | BP-14 Rates Model, Table 9, line 14 | | | 83.2% | |
| 21 | FPT1 Revenues, FY2018 | Table 4, Line 3 (O) * Line12 * 12 | | 17,636 | | |
| 22 | FPT3 Revenues, FY2018 | Table 4, Line 4 (O) * Line6 * 12 | | 1,229 | | |
| 23 | Total FY2018 Revenues | Line 21 + line 22 | | 18,865 | | |
| 24 | FPT1 Revenues, FY2019 | Table 4, Line 22 (O) * Line12 * 12 | | 16,728 | | |
| 25 | FPT3 Revenues, FY2019 | Table 4, Line 23 (O) * Line6 * 12 | | 1,229 | | |
| 26 | Total FY2019 Revenues | Line 24 + line 25 | | 17,957 | | |

## Table 6
## Calculation of Formula Power Transmission Rates

| | (A) | (B) Source | (C) Sales | (D) Revenues | (E) Percent | (F) Network Rates |
|---|---|---|---|---|---|---|
| 27 | Network transmission portion of FY2018 FPT1 Revenue | Line 15 * line 21 | | 14,469 | | |
| 28 | Network transmission portion of FY2018 FPT3 Revenue | Line 20 * line 22 | | 1,022 | | |
| 29 | Total Network Transmission portion of FY2018 FPT Revenue | Line 27 + line 28 | | 15,491 | | |
| 30 | Network transmission portion of FY2019 FPT1 Revenue | Line 15 * line 24 | | 13,724 | | |
| 31 | Network transmission portion of FY2019 FPT3 Revenue | Line 20 * line 25 | | 1,022 | | |
| 32 | Total Network Transmission portion of FY2019 FPT Revenue | Line 30 + line 31 | | 14,746 | | |
| 33 | Average Annual Network Transmission Revenues | (Line 29 + line 32) / 2 | | 15,119 | | |
| 34 | SCD Portion of of FY2018 FPT1 revenue | Line 21 - line 27 | | 3,167 | | |
| 35 | SCD Portion of of FY2018 FPT3 revenue | Line 22 - line 28 | | 207 | | |
| 36 | Total SCD Porton of FY2018 FPT Revenue | Line 34 + line 35 | | 3,374 | | |
| 37 | SCD Portion of of FY2019 FPT1 revenue | Line 24 - line 30 | | 3,004 | | |
| 38 | SCD Portion of of FY2019 FPT3 revenue | Line 25 - line 31 | | 207 | | |
| 39 | Total SCD Porton of FY2019 FPT Revenue | Line 37 + line 38 | | 3,211 | | |
| 40 | Average Annual SCD Revenues | (Line 36 + line 39) / 2 | | 3,292 | | |

/1 Based on revenue forecast of FPT contracts active in the FY2018-19 time frame

## Table 7
## Calculation of PTP, IR, and NT Rates

| | (A) FY 2018/2019 | (B) Source | (C) Costs | (D) Sales | (E) Percentage | (F) Rates |
|---|---|---|---|---|---|---|
| 1 | **Network costs** | | $000/Yr | aMW | | |
| 2 | Segmented Network costs | Table 3, line 36 (C) | 638,276 | | | |
| 3 | Less: FPT transmission revenues | Table 6, line 33 (D) | 15,119 | | | |
| 4 | Net costs | Line 2 - line 3 | **623,157** | | | |
| 5 | **Network sales (IR, PTP, NT)** | | | | | |
| 6 | Integration of Resources (IR) | Table 4, line 43 (O) | | 122 | | |
| 7 | Point to point (PTP) w/o SDD | Table 4, line 45 (O) | | 26,177 | | |
| 8 | Point to point (PTP) with SDD | Table 4, line 44 (O) | | 25,917 | | |
| 9 | Network Integration w/o SDD (12 CP average peak) | Table 4, line 48 (O) | | 6,518 | | |
| 10 | Network Integration with SDD (12CP average peak) | Table 4, line 49 (O) | | 6,395 | | |
| 11 | Annual peak (1 CP) | Table 4, line 50 (O) | | 7,794 | | |
| 12 | Network Integration w/o SDD (12 NCP Average peak) | Table 4, line 58 (O) | | 7,620 | | |
| 13 | Network Integration with SDD (12 NCP Average peak) | Table 4, line 53 (O) | | 7,498 | | |
| 14 | Annual Noncoincidental Peak (1NCP) | Table 4, line 54 (O) | | 8,919 | | |
| 15 | Daily block 1 (day 1 through 5) | Table 5, line 20 (O) | | 261 | | |
| 16 | Daily block 2 (day 6 and beyond) | Table 5, line 21 (O) | | 602 | | |
| 17 | Hourly | Table 5, line 22 (O) | | 380 | | |
| 18 | **Sales used for cost allocation** | | | | | |
| 19 | IR Contracts | Line 6 | | 122 | | |
| 20 | NT load (12NCP average peak) | Line 13 | | 7,498 | | |
| 21 | PTP Contracts (with SDD) | Line 7 | | 25,917 | | |
| 22 | Daily block 1 (day 1 through 5) | Line 15 x (7/5) | | 365 | | |
| 23 | Daily block 2 (day 6 and beyond) | Line 16 | | 602 | | |
| 24 | Hourly | Line 17 x (7/5) x (24/16) | | 797 | | |
| 25 | Total cost allocation sales -- Reserved capacity contracts | Sum of lines 19 through 24 | | **35,301** | | |

## Table 7
## Calculation of PTP, IR, and NT Rates

| | (A) FY 2018/2019 | (B) Source | (C) Costs | (D) Sales | (E) Percentage | (F) Rates |
|---|---|---|---|---|---|---|
| 26 | **Sales allocation percentages:** | | | | | |
| 27 | IR contract demand | Line 6 | | **122** | | |
| 28 | Total cost allocation sales | Line 25 | | **35,301** | | |
| 29 | IR Percentage | Line 27 / line 28 | | | **0.35%** | |
| 30 | PTP contract demand | Line 8 + lines 22 through 24 | | **27,682** | | |
| 31 | Total cost allocation sales | Line 25 | | **35,301** | | |
| 32 | PTP Percentage | Line 30 / line 31 | | | **78.42%** | |
| 33 | NT Load | Line 13 | | **7,498** | | |
| 34 | Total cost allocation sales | Line 25 | | **35,301** | | |
| 35 | NT Percentage | Line 33 / line 34 | | | **21.24%** | |
| 36 | **Application of Revenue Requirements to Products:** | | | | | |
| 37 | IR rate calculation: | | | | | |
| 38 | Total segment costs | Line 4 | 623,157 | | | |
| 39 | IR cost allocation percentage | Line 29 | | | **0.35%** | |
| 40 | Allocated IR costs | Line 38 x line 39 | 2,152 | | | |
| 41 | IR Billing Factor (= IR contract demand) | Line 27 | | 122 | | |
| 42 | IR annual rate ($/kW-yr) | Line 40 / line 41 | | | | 17.65 |
| 43 | Monthly ($/kW-mo) | Line 42 / 12 | | | | 1.471 |
| 44 | PTP rate calculation: | | | | | |
| 45 | Total segment costs | Line 4 | 623,157 | | | |
| 46 | PTP cost allocation percentage | Line 32 | | | 78.42% | |
| 47 | Allocated PTP costs | Line 45 x line 46 | 488,651 | | | |
| 48 | PTP Billing factor (= PTP contract demand) | Line 30 | | 27,682 | | |
| 49 | PTP annual rate ($/kW-yr) | Line 47 / line 48 | | | | 17.65 |
| 50 | Monthly ($/kW-mo) | Line 49 / 12 | | | | 1.471 |
| 51 | Daily block1 ($/kW-day) | Line 49 / (365) x (7/5) | | | | **0.068** |
| 52 | Daily block2 ($/kW-day) | Line 49 / (365) | | | | **0.048** |
| 53 | Hourly (mills/kWh) | Line 49 / (8.76) x (7/5) x (24/16) | | | | **4.23** |

## Table 7
## Calculation of PTP, IR, and NT Rates

| | (A) FY 2018/2019 | (B) Source | (C) Costs | (D) Sales | (E) Percentage | (F) Rates |
|---|---|---|---|---|---|---|
| 54 | NT rate calculation: | | | | | |
| 55 | Total segment costs | Line 4 | 623,157 | | | |
| 56 | NT cost allocation percentage | Line 35 | | | 21.24% | |
| 57 | Allocated NT costs | Line 55 x line 56 | 132,354 | | | |
| 58 | NT federal redispatch costs | Table 3, line 32 (C) | 160 | | | |
| 59 | NT non-federal redispatch costs | Table 3, line 33 (C) | - | | | |
| 60 | Total NT costs | Sum of lines 57 through 59 | 132,514 | | | |
| 61 | NT Billing Factor (= NT 12 CP Average Peak load) | Line 10 | | 6,395 | | |
| 62 | NT annual rate ($/kW-yr) | Line 60 / line 61 | | | | 20.72 |
| 63 | Monthly ($/kW-mo) | Line 62 / 12 | | | | 1.727 |
| 64 | **Short distance discount forecast** | | | | | |
| 65 | NT reduction (credit) from SDD | (Line 9 - line 10) x line 62 | 2,534 | | | |
| 66 | PTP reduction (credit) from SDD | (Line 7 - line 8) x line 49 | 4,589 | | | |
| 67 | Total SDD credit | Line 65 + line 66 | **7,122** | | | |

## Table 8
## Calculation of Intertie Rates

| | (A) | (B) | (C) | (D) | (E) |
|---|---|---|---|---|---|
| | **FY 2018/2019** | **Source** | **Costs** | **Sales** | **Rates** |
| 1 | **Intertie Costs** | | $000/Yr | aMW | |
| 2 | Rate Development Costs | Table 3, line 36 (D) | **81,152** | | |
| 3 | **Southern Intertie Sales** | | | | |
| 4 | Long-term agreements | Table 4, line 66 (O) | | 6,005 | |
| 5 | Short-term daily block 1 | Table 5, line 42 (O) | | 5 | |
| 6 | Short-term daily block 2 | Table 5, line 43 (O) | | 6 | |
| 7 | Hourly | Table 5, line 44 (O) | | 74 | |
| 8 | **Sales used for cost allocation** | | | | |
| 9 | Long-term agreements | Line 4 | | 6,005 | |
| 10 | Daily block 1 (day 1 through 5) | Line 5 x (7/5) | | 7 | |
| 11 | Daily block 2 (day 6 and beyond) | Line 6 | | 6 | |
| 12 | Hourly | Line 7 x (7/5) x (24/5) | | 497 | |
| 13 | Total cost allocation sales | Sum of lines 9 through 12 | | **6,515** | |
| 14 | **IS rate calculation** | | | | |
| 15 | Annual ($/kW-yr) | Line 2 / line 13 | | | 12.46 |
| 16 | Monthly ($/kW-mo) | Line 15 / (12) | | | **1.038** |
| 17 | Daily block1 ($/kW-day) | Line 15 / (365) x (7/5) | | | **0.048** |
| 18 | Daily block2 ($/kW-day) | Line 15 / (365) | | | **0.034** |
| 19 | Hourly (mills/kWh) | Line 15 / (8.76) x (7/5) x (24/5) | | | **9.56** |

## Table 8
## Calculation of Intertie Rates

| | (A) | (B) | (C) | (D) | (E) |
|---|---|---|---|---|---|
| | **FY 2018/2019** | **Source** | **Costs** | **Sales** | **Rates** |
| 20 | | | $000/Yr | aMW | |
| 21 | **TGT Rate Calculation** | | | | |
| 22 | Eastern Intertie Costs | Montana Intertie Agreement | 12,536 | | |
| 23 | IM Sales | Table 4, line 71 (O) | | 16 | |
| 24 | TGT Sales | Montana Intertie Agreement | | 1,730 | |
| 25 | Total Sales | Line 23 + line 24 | | 1,746 | |
| 26 | | | | | |
| 27 | BPA Annual Share of Costs | Line 22 x (line 23 / line 25) | 115 | | |
| 28 | Annual ($/kW-yr) | Line 27 / line 23 | | | 7.18 |
| 29 | Monthly ($/kW-mo) | Line 28 / (12) | | | **0.598** |
| 30 | | | | | |
| 31 | **IM rate calculation** | | | | |
| 32 | Segmented Eastern Intertie Costs | Table 1, line 27 (F) | **11,338** | | |
| 33 | Eastern Intertie Revenue Credits | Table 2, average lines 85(G) and 114(G) | **(675)** | | |
| 34 | Adjusted Segmented Eastern Intertie Costs | Line 32 + line 33 | **10,663** | | |
| 35 | IM Sales | Table 4, line 71 (O) | | 16 | |
| 36 | TGT Sales | Montana Intertie Agreement | | 1,730 | |
| 37 | Total Sales | Line 35 + line 36 | | 1,746 | |
| 38 | Annual ($/kW-yr) | Line 34 / line 37 | | | 6.11 |
| 39 | Monthly ($/kW-mo) | Line 38 / (12) | | | **0.509** |
| 40 | Daily block1 ($/kW-day) | Line 38 / (365) x (7/5) | | | **0.023** |
| 41 | Daily block2 ($/kW-day) | Line 38 / (365) | | | **0.017** |
| 42 | Hourly (mills/kWh) | Line 38 / (8.76) x (7/5) x (24/16) | | | **1.46** |
| 43 | IM Revenue | Line 35 x line 38 | | **98** | |

## Table 8
## Calculation of Intertie Rates

| | (A) | (B) | (C) | (D) | (E) |
|---|---|---|---|---|---|
| | **FY 2018/2019** | **Source** | **Costs** | **Sales** | **Rates** |
| 44 | | | | | |
| 45 | **IE Rate Calculation** | | | | |
| 46 | Segmented Eastern Intertie Costs | Table 1, line 27 (F) | **11,338** | | |
| 47 | Eastern Intertie Revenue Credits | Table 2, average lines 85(G) and 114(G) | **(675)** | | |
| 48 | Adjusted Segmented Eastern Intertie Costs | Line 46 + line 47 | **10,663** | | |
| 49 | IM Sales | Table 4, line 71 (O) | | 16 | |
| 50 | TGT Sales | Montana Intertie Agreement | | 1,730 | |
| 51 | Total Sales | Line 49 + line 50 | | 1,746 | |
| 52 | Hourly rate (mills/kWh) | Line 46 / line 51 / (8.76) x (7/5) x (24/16) | | | **1.46** |

## Table 9
## Calculation of Utility Delivery Rate

| | (A) | (B) | (C) | (D) | (E) | (F) |
|---|---|---|---|---|---|---|
| | **FY 2018/2019** | **Units** | **Source** | **Costs** | **Sales** | **Rates** |
| | **Utility Delivery Charge (Full Recovery)** | | | | | |
| 1 | Annual Costs | $000/Yr | Table 3, line 36 (F) | **2,564** | | |
| 2 | FY18 Billing Factor | m_cp | Sales Forecast | | 166 | |
| 3 | FY19 Billing Factor | m_cp | Sales Forecast | | 167 | |
| 4 | Average over Rate Period | m_cp | (Line 2 + line 3) / 2 | | **166.5** | |
| 5 | Annual Rate | $/kW-yr | Line 1 / line 4 | | | 15.40 |
| 6 | Monthly Rate | $/kW-mo | Line 5 / 12 | | | **1.283** |

## Table 10.1
## Calculation of Ancillary Service Rates

| | (A) FY 2018/2019 | (B) Source | (C) FY18 | (D) FY19 | (E) FY18/19 | (F) Sales | (G) Percentage | (H) Rates | (I) Units |
|---|---|---|---|---|---|---|---|---|---|
| | | | $000/Yr | $000/Yr | $000/Yr | (MW) | | | |
| 1 | **Scheduling, System Control & Dispatch** | | | | | | | | |
| 2 | Direct O&M | Rev Rqmt | 75,070 | 76,663 | 75,867 | | | | |
| 3 | Overheads | Rev Rqmt | 58,993 | 59,745 | 59,369 | | | | |
| 4 | Total O&M | | 134,063 | 136,408 | 135,235 | | | | |
| 5 | Depreciation | Rev Rqmt | 32,525 | 34,362 | 33,444 | | | | |
| 6 | Financing costs | Rev Rqmt | 3,924 | 4,774 | 4,349 | | | | |
| 7 | Planned net revenue | Rev Rqmt | 105 | -58 | 24 | | | | |
| 8 | Total segmented SCD | | 170,616 | 175,487 | **173,052** | | | | |
| 9 | Revenue Credits | Table 3, lines 3 (H) & 15 (H) | -3,141 | -3,086 | -3,113 | | | | |
| 10 | WECC Costs | Table 3, lines 4 (H) & 16 (H) | -2,650 | -2,680 | -2,665 | | | | |
| 11 | Peak Costs | Table 3, lines 5 (H) & 17 (H) | -2,550 | -2,580 | -2,565 | | | | |
| 12 | Eastern Intertie Adjustment | Table 3, lines 10 (H) & 22 (H) | -53 | -54 | -53 | | | | |
| 13 | Industry Delivery Adjustment | Table 3, lines 11 (H) & 23 (H) | -11 | -11 | -11 | | | | |
| 14 | Subtotal SCD Costs | Sum of lines 8 through 13 | 162,212 | 167,077 | **164,644** | | | | |
| 15 | FPT revenue for SCD | Table 6, line 40 (D) | | | 3,292 | | | | |
| 16 | Net SCD Costs | Line 14 - line 15 | | | **161,352** | | | | |
| 17 | **Sales Used for Cost Allocation** | | | | | | | | |
| 18 | IR contract demand | Table 4, line 43 (O) | | | | 122 | | | |
| 19 | PTP contract demand w/o SDD | Table 4, line 45 (O) | | | | 26,104 | | | |
| 20 | Network Load Service | Table 4, line 52 (O) | | | | 7,620 | | | |
| 21 | Southern Intertie | Table 4, line 66 (O) | | | | 6,005 | | | |
| 22 | Montana Intertie | Table 4, line 72 (O) | | | | 16 | | | |
| 23 | Network Short-term | Table 7, line 22 & line 23 & line 24 | | | | 1,765 | | | |
| 24 | Intertie Daily (Blocks 1 & 2) | Table 8, line 10 & line 11 | | | | 14 | | | |
| 25 | Intertie Hourly | Table 8, line 7 * 7/5 * 24/16 | | | | 155 | | | |
| 26 | Total Sales, SCD | Sum of lines 18 through 25 | | | | **41,800** | | | |
| 27 | **Sales allocation percentages:** | | | | | | | | |
| 28 | IR sales | Line 18 | | | | 122 | | | |
| 29 | Total cost allocation sales | Line 26 | | | | 41,800 | | | |
| 30 | IR percentage | Line 28 / line 29 | | | | | **0.29%** | | |
| 31 | PTP (Network + Interties) sales | Sum of lines 19, 21, 22, 23, 24 and 25 | | | | 34,058 | | | |
| 32 | Total cost allocation sales | Line 26 | | | | 41,800 | | | |
| 33 | PTP percentage | Line 31 / line 32 | | | | | **81.48%** | | |
| 34 | NT sales | Line 20 | | | | 7,620 | | | |
| 35 | Total cost allocation sales | Line 26 | | | | 41,800 | | | |
| 36 | NT percentage | Line 34 / line 35 | | | | | **18.23%** | | |

**Table 10.1**
**Calculation of Ancillary Service Rates**

| | (A)<br>FY 2018/2019 | (B)<br>Source | (C)<br>FY18 | (D)<br>FY19 | (E)<br>FY18/19 | (F)<br>Sales | (G)<br>Percentage | (H)<br>Rates | (I)<br>Units |
|---|---|---|---|---|---|---|---|---|---|
| 37 | **Application of Revenue Requirements to Sales Products:** | | | | | | | | |
| 38 | IR rate caclulation: | | | | | | | | |
| 39 | Net SCD Costs | Line 16 | | | 161,352 | | | | |
| 40 | IR cost allocation percentage | Line 30 | | | | | 0.29% | | |
| 41 | Allocated IR costs | Line 39 x line 40 | | | **471** | | | | |
| 42 | IR Billing factor | Line 28 | | | | 122 | | | |
| 43 | IR annual rate ($/kW-year) | Line 41 / line 42 | | | | | | **3.86** | |
| 44 | IR monthly rate ($/kW-month) | Line 43 / 12 | | | | | | **0.322** | |
| 45 | PTP (Network + Interties) rate calculation: | | | | | | | | |
| 46 | Net SCD Costs | Line 16 | | | 161,352 | | | | |
| 47 | PTP cost allocation percentage | Line 33 | | | | | 81.48% | | |
| 48 | Allocated PTP costs | Line 46 x line 47 | | | **131,467** | | | | |
| 49 | PTP Billing factor | Line 31 | | | | 34,058 | | | |
| 50 | PTP annual rate ($/kW-year) | Line 48 / line 49 | | | | | | **3.86** | |
| 51 | PTP monthly rate ($/kW-month) | Line 50 / 12 | | | | | | **0.322** | |
| 52 | Daily block 1 | Line 50 / (365) x (7/5) | | | | | | **0.015** | |
| 53 | Daily block 2 | Line 50 / (365) | | | | | | **0.011** | |
| 54 | Hourly | Line 50 / (8.76) x (7/5) x (24/16) | | | | | | **0.93** | |
| 55 | NT rate calculation: | | | | | | | | |
| 56 | Net SCD Costs | Line 16 | | | 161,352 | | | | |
| 57 | NT cost allocation percentage | Line 36 | | | | | 18.23% | | |
| 58 | Allocated NT costs | Line 56 x line 57 | | | **29,414** | | | | |
| 59 | NT Billing factor | Line 20 | | | | 6,518 | | | |
| 60 | NT annual rate ($/kW-year) | Line 58 / line 59 | | | | | | **4.51** | |
| 61 | NT monthly rate ($/kW-month) | Line 60 / 12 | | | | | | **0.376** | |

**Table 10.1**
**Calculation of Ancillary Service Rates**

| | (A) FY 2018/2019 | (B) Source | (C) FY18 | (D) FY19 | (E) FY18/19 | (F) Sales | (G) Percentage | (H) Rates | (I) Units |
|---|---|---|---|---|---|---|---|---|---|
| 62 | **Rates** | | | | | | | | |
| 63 | For NT customers: | | | | | | | | |
| 64 | Monthly | Line 61 | | | | | | **0.376** | $/kW-mo |
| 65 | For PTP customers | | | | | | | | |
| 66 | Annual | Line 50 | | | | | | **3.86** | $/kW-yr |
| 67 | Monthly | Line 51 | | | | | | **0.322** | $/kW-mo |
| 68 | Daily Block1 (day 1 through 5) | Line 52 | | | | | | **0.015** | $/kW-day |
| 69 | Daily Block2 (day 6 and beyond) | Line 53 | | | | | | **0.011** | $/kW-day |
| 70 | Hourly | Line 54 | | | | | | **0.93** | mills/kWh |
| 71 | **Generation Supplied Reactive** | No Rqmt | 0 | 0 | 0 | | | **0** | $/kW-day |

/1 See Generation Inputs Study for details about rates associated with Generation Inputs

## Table 10.2
## Calculation of WECC/Peak Charge

| | (A) | (B) | (C) | (D) | (E) | (F) |
|---|---|---|---|---|---|---|
| | **FY 2018/2019** | **Units** | **Source** | **Costs** | **Sales** | **Rates** |
| | **WECC Charge** | | | | | |
| 1 | Annual Costs | $000/Yr | Table 3, line 28 (H) | 2,665 | | |
| 2 | FY18 Billing Factor | MWh | Sales Forecast | | 51,012,068 | |
| 3 | FY19 Billing Factor | MWh | Sales Forecast | | 51,772,150 | |
| 4 | Average over Rate Period | MWh | (Line 2 + line 3) / 2 | | **51,392,109** | |
| 5 | Hourly Rate | Mills per kilowatthour | Line 1 / line 4 | | | **0.05** |
| 6 | **Peak Charge** | | | | | |
| 7 | Annual Costs | $000/Yr | Forecast | 2,565 | | |
| 8 | FY18 Billing Factor | MWh | Sales Forecast | | 51,012,068 | |
| 9 | FY19 Billing Factor | MWh | Sales Forecast | | 51,772,150 | |
| 10 | Average over Rate Period | MWh | (Line 8 + line 9) / 2 | | **51,392,109** | |
| 11 | Hourly Rate | Mills per kilowatthour | Line 7 / line 10 | | | **0.05** |

## Table 10.3

## Summary of Current and Proposed Generation Inputs Rates

| | (A) Rate | (B) Units | (C) FY 2016-2017 Rates | (D) FY 2018-2019 Rates | (E) Percent Change |
|---|---|---|---|---|---|
| 1 | **RFR-18** | | | | |
| 2 | Regulation and Frequency Response | mills/kWh | 0.12 | 0.13 | 8.3% |
| 3 | **VERBS-18** | | | | |
| 4 | Rate For Wind Committed to 30/60 Scheduling: | | | | |
| 5 | Regulation | $/kW-mo | 0.08 | | |
| 6 | Following | $/kW-mo | 0.32 | | |
| 7 | Imbalance | $/kW-mo | 0.80 | | |
| 8 | **Total VERBS 30/60** | $/kW-mo | 1.20 | 1.01 | -15.8% |
| 9 | Rate For Wind Committed to 40/15 Scheduling: | | | | |
| 10 | Regulation | $/kW-mo | 0.08 | | |
| 11 | Following | $/kW-mo | 0.32 | | |
| 12 | Imbalance | $/kW-mo | 0.54 | | |
| 13 | **Total VERBS 40/15** | $/kW-mo | 0.94 | N/A | |
| 14 | Rate For Wind Committed to 30/15 Scheduling: | | | | |
| 15 | Regulation | $/kW-mo | 0.08 | | |
| 16 | Following | $/kW-mo | 0.32 | | |
| 17 | Imbalance | $/kW-mo | 0.33 | | |
| 18 | **Total VERBS 30/15** | $/kW-mo | 0.73 | 0.71 | -2.7% |
| 19 | Rate For Wind Committed to Self-Supply (CSGI): | | | | |
| 20 | **Total VERBS CSGI** | $/kW-mo | 0.40 | 0.49 | 22.5% |
| 21 | Rate For Wind With Uncommitted Scheduling: | | | | |
| 22 | Regulation | $/kW-mo | 0.08 | | |
| 23 | Following | $/kW-mo | 0.32 | | |
| 24 | Imbalance | $/kW-mo | 1.08 | | |
| 25 | **Total VERBS Uncommitted** | $/kW-mo | 1.48 | 1.22 | -17.6% |
| 26 | Rate For Solar: | | | | |
| 27 | Regulation | $/kW-mo | 0.04 | | |
| 28 | Following | $/kW-mo | 0.17 | | |
| 29 | Imbalance | $/kW-mo | 0.00 | | |
| 30 | **Total VERBS Solar Hourly** | $/kW-mo | 0.21 | 0.28 | 33.3% |
| 31 | **Total VERBS Solar 15-minute** | $/kW-mo | | 0.21 | |
| 32 | **DERBS-18** | | | | |
| 33 | Hourly rate *inc* | mills/kW-mo | 18.15 | 20.42 | 12.5% |
| 34 | Hourly rate *dec* | mills/kW-mo | 3.94 | 3.43 | -12.9% |
| 35 | **OR-18** | | | | |
| 36 | Spinning reserves | mills/kWh | 11.40 | 11.82 | 3.7% |
| 37 | Default rate | mills/kWh | 13.11 | 13.59 | 3.7% |
| 38 | Supplemental reserves | mills/kWh | 10.45 | 9.76 | -6.6% |
| 39 | Default rate | mills/kWh | 12.02 | 11.22 | -6.7% |

## Table 11
## Summary of FY 2016-2017 and FY 2018-2019 Rates

| | (A) Rate | (B) Units | (C) Source for FY 2014-2015 rates | (D) FY 2016-2017 Rates | (E) FY 2018-2019 Rates | (F) Percent Change |
|---|---|---|---|---|---|---|
| 1 | **FPT.1-18** | | | | | |
| 2 | M-G Distance | $/kW-mi-yr | Current Rate * Table 6, line 11 | 0.0700 | 0.0701 | 0.1% |
| 3 | M-G Miscellaneous Facilities | $/kW-yr | Current Rate * Table 6, line 11 | 3.99 | 4.00 | 0.3% |
| 4 | M-G Terminal | $/kW-yr | Current Rate * Table 6, line 11 | 0.81 | 0.81 | 0.0% |
| 5 | M-G Interconnection Terminal | $/kW-yr | Current Rate * Table 6, line 11 | 0.73 | 0.73 | 0.0% |
| 6 | S-S Transformation | $/kW-yr | Current Rate * Table 6, line 11 | 7.53 | 7.54 | 0.1% |
| 7 | S-S Interconnection Terminal | $/kW-yr | Current Rate * Table 6, line 11 | 2.06 | 2.06 | 0.0% |
| 8 | S-S Intermediate Terminal | $/kW-yr | Current Rate * Table 6, line 11 | 2.91 | 2.91 | 0.0% |
| 9 | S-S Distance | $/kW-mi-yr | Current Rate * Table 6, line 11 | 0.6884 | 0.6896 | 0.2% |
| 10 | Average FPT Rate (Revenue/Sales) | $/kW-mo | Table 6, line 12 | 1.634 | 1.662 | 1.7% |
| 11 | **FPT.3-18** | | | | | |
| 12 | M-G Distance | $/kW-mi-yr | Current Rate | 0.0700 | 0.0700 | 0.0% |
| 13 | M-G Miscellaneous Facilities | $/kW-yr | Current Rate | 3.99 | 3.99 | 0.0% |
| 14 | M-G Terminal | $/kW-yr | Current Rate | 0.81 | 0.81 | 0.0% |
| 15 | M-G Interconnection Terminal | $/kW-yr | Current Rate | 0.73 | 0.73 | 0.0% |
| 16 | S-S Transformation | $/kW-yr | Current Rate | 7.53 | 7.53 | 0.0% |
| 17 | S-S Interconnection Terminal | $/kW-yr | Current Rate | 2.06 | 2.06 | 0.0% |
| 18 | S-S Intermediate Terminal | $/kW-yr | Current Rate | 2.91 | 2.91 | 0.0% |
| 19 | S-S Distance | $/kW-mi-yr | Current Rate | 0.6884 | 0.6884 | 0.0% |
| 20 | Average FPT Rate (Revenue/Sales) | $/kW-mo | Current Rate | 1.634 | 1.634 | 0.0% |
| 21 | **IR-18** | | | | | |
| 22 | Demand | $/kW-mo | Table 7, line 1 + Table 10, lines 67 & 71 | 1.790 | 1.793 | 0.2% |
| 23 | **NT-18** | | | | | |
| 24 | Demand | $/kW-mo | Table 7, line 63 | 1.735 | 1.727 | -0.5% |
| 25 | **PTP-18** | | | | | |
| 26 | Demand | $/kW-mo | Table 7, line 50 | 1.489 | 1.471 | -1.2% |
| 27 | Daily Block 1 (day 1 thru 5) | $/kW-day | Table 7, line 51 | 0.068 | 0.068 | 0.0% |
| 28 | Daily Block 2 (day 6 and beyond) | $/kW-day | Table 7, line 52 | 0.049 | 0.048 | -2.0% |
| 29 | Hourly | mills/kWh | Table 7, line 53 | 4.28 | 4.23 | -1.2% |
| 30 | **IS-18** | | | | | |
| 31 | Demand | $/kW-mo | Table 8, line 16 | 1.230 | 1.038 | -15.6% |
| 32 | Daily Block 1 (day 1 thru 5) | $/kW-day | Table 8, line 17 | 0.057 | 0.048 | -15.8% |
| 33 | Daily Block 2 (day 6 and beyond) | $/kW-day | Table 8, line 18 | 0.040 | 0.034 | -15.0% |
| 34 | Hourly | mills/kWh | Table 8, line 19 | 3.53 | 9.56 | 170.8% |

## Table 11
## Summary of FY 2016-2017 and FY 2018-2019 Rates

| | (A) Rate | (B) Units | (C) Source for FY 2014-2015 rates | (D) FY 2016-2017 Rates | (E) FY 2018-2019 Rates | (F) Percent Change |
|---|---|---|---|---|---|---|
| 35 | **IM-18** | | | | | |
| 36 | Demand | $/kW-mo | Table 8, line 39 | 0.598 | 0.509 | -14.9% |
| 37 | Daily Block 1 (day 1 thru 5) | $/kW-day | Table 8, line 40 | 0.028 | 0.023 | -17.9% |
| 38 | Daily Block 2 (day 6 and beyond) | $/kW-day | Table 8, line 41 | 0.020 | 0.017 | -15.0% |
| 39 | Hourly | mills/kWh | Table 8, line 42 | 1.72 | 1.46 | -15.1% |
| 40 | **TGT-18** | | | | | |
| 41 | Townsend to Garrison | $/kW-mo | Table 8, line 29 | 0.598 | 0.60 | 0.0% |
| 42 | **IE-18** | | | | | |
| 43 | Eastern Intertie | mills/kWh | Table 8, line 52 | 1.48 | 1.46 | -1.4% |
| 44 | **UD-18** | | | | | |
| 45 | Demand | $/kW-mo | Table 9, line 6 | 1.285 | 1.283 | -0.2% |
| 46 | **Power Factor Penalty Charge** | | | | | |
| 47 | Demand -- Lagging | $/kVAr-mo | Rate eliminated | 0.00 | 0.00 | 0.0% |
| 48 | Demand -- Leading | $/kVAr-mo | Rate eliminated | 0.00 | 0.00 | 0.0% |
| 49 | **WECC Charge - 16** | | | | | |
| 50 | Demand | mills/kWh | Table 10.2, line 5 | 0.05 | 0.05 | 0.0% |
| 51 | **Peak Charge - 16** | | | | | |
| 52 | Demand | mills/kWh | Table 10.2, line 11 | 0.05 | 0.05 | 0.0% |
| 53 | **SCD-18** | | | | | |
| 54 | For NT customers | $/kW-mo | Table 10, line 67 | 0.350 | 0.376 | 7.4% |
| 55 | For PTP customers: | | | | | |
| 56 | Demand | $/kW-mo | Table 10, line 67 | 0.301 | 0.322 | 7.0% |
| 57 | Daily Block 1 (day 1 thru 5) | $/kW-day | Table 10, line 68 | 0.014 | 0.015 | 7.1% |
| 58 | Daily Block 2 (day 6 and beyond) | $/kW-day | Table 10, line 69 | 0.010 | 0.011 | 10.0% |
| 59 | Hourly | mills/kWh | Table 10, line 70 | 0.87 | 0.93 | 6.9% |
| 60 | **GSR-18** | | | | | |
| 61 | Demand | $/kW-mo | Table 10.1, line 71 | 0.000 | 0.000 | 0.0% |
| 62 | Daily Block 1 (day 1 thru 5) | $/kW-day | Table 10.1, line 71 | 0.000 | 0.000 | 0.0% |
| 63 | Daily Block 2 (day 6 and beyond) | $/kW-day | Table 10.1, line 71 | 0.000 | 0.000 | 0.0% |
| 64 | Hourly | mills/kWh | Table 10.1, line 71 | 0.00 | 0.00 | 0.0% |

## Table 12
## Revenue at FY 2016-2017 and FY 2018-2019 Rates

| | (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) |
|---|---|---|---|---|---|---|---|---|
| | | Current FY 2016-2017 Rates | | Average | Proposed FY 2018-2019 Rates | | Average | Percent |
| | **Service** | **FY 2018** | **FY 2019** | **FYs 18&19** | **FY 2018** | **FY 2019** | **FYs 18&19** | **Change** |
| 1 | **Network Sales Revenues** | | | | | | | |
| 2 | FPT 1 | 17,431 | 16,875 | 17,153 | 17,636 | 16,728 | 17,182 | 0.2% |
| 3 | FPT 3 | 1,217 | 1,242 | 1,229 | 1,211 | 1,211 | 1,211 | -1.5% |
| 4 | IR | 5,238 | - | 2,619 | 5,246 | - | 2,623 | 0.2% |
| 5 | BP-18 Transmission Ratio from table 6 | 82.0% | | | | | | |
| 6 | BP-16 Transmission Ratio from table 6 | 83.2% | | | | | | |
| 7 | FPT 1&3 Transmission Portion | 15,512 | 15,071 | 15,291 | 15,476 | 14,731 | 15,103 | -1.2% |
| 8 | IR Transmission Portion | 4,357 | - | 2,178 | 4,304 | - | 2,152 | -1.2% |
| 9 | NT_Base | 132,218 | 134,091 | 133,154 | 131,608 | 133,472 | 132,540 | -0.5% |
| 10 | NT Ancillary Revenues | 27,186 | 27,564 | 27,375 | 29,205 | 29,611 | 29,408 | 7.4% |
| 11 | Subtotal NT Sale Revenues | **159,404** | **161,654** | **160,529** | **160,814** | **163,083** | **161,948** | 0.9% |
| 12 | PTP, Long-term | 457,548 | 468,607 | 463,078 | 452,017 | 462,942 | 457,480 | -1.2% |
| 13 | PTP LT Ancillary Revenues | 93,168 | 95,404 | 94,286 | 99,668 | 102,060 | 100,864 | 7.0% |
| 14 | PTP, Short-term | 31,801 | 31,272 | 31,536 | 31,411 | 30,888 | 31,149 | -1.2% |
| 15 | PTP ST Ancillary Revenues | 6,490 | 6,382 | 6,436 | 7,010 | 6,893 | 6,951 | 8.0% |
| 16 | Subtotal PTP Sale Revenues | **589,007** | **601,665** | **595,336** | **590,106** | **602,783** | **596,444** | 0.2% |
| 17 | Subtotal Network Transmission Revenues | 641,435 | 649,040 | 645,238 | 634,816 | 642,033 | 638,425 | -1.1% |
| 18 | Percent of total | | | 83.1% | | | 81.9% | |
| 19 | Subtotal Network Ancillary Revenues | 130,860 | 132,396 | 131,628 | 140,196 | 141,772 | 140,984 | 7.1% |
| 20 | Percent of total | | | 16.9% | | | 18.1% | |
| 21 | **Total Network Sale Revenues** | **772,295** | **781,436** | **776,866** | **775,012** | **783,805** | **779,409** | 0.3% |
| 22 | **Intertie Sale Revenues** | | | | | | | |
| 23 | IM, Long-term | 115 | 115 | 115 | 98 | 98 | 98 | -14.9% |
| 24 | IM LT Ancillary Revenues | 58 | 58 | 58 | 62 | 62 | 62 | 7.0% |
| 25 | IS, Long-term | 88,663 | 88,590 | 88,626 | 74,823 | 74,761 | 74,792 | -15.6% |
| 26 | IS LT Ancillary Revenues | 21,697 | 21,679 | 21,688 | 23,211 | 23,192 | 23,201 | 7.0% |
| 27 | IS, Short-term | 2,575 | 2,404 | 2,489 | 6,599 | 6,136 | 6,367 | 155.8% |
| 28 | IS ST Ancillary Revenues | 635 | 593 | 614 | 679 | 634 | 657 | 7.0% |
| 29 | Subtotal IS Sale Revenues | **113,571** | **113,265** | **113,418** | **105,313** | **104,723** | **105,018** | -7.4% |
| 30 | Subtotal Intertie Transmission Revenues | 91,353 | 91,108 | 91,231 | 81,520 | 80,994 | 81,257 | -10.9% |
| 31 | Subtotal Intertie Ancillary Revenues | 22,390 | 22,330 | 22,360 | 23,952 | 23,888 | 23,920 | 7.0% |
| 32 | **Total Intertie Sale Revenues** | **113,743** | **113,438** | **113,591** | **105,472** | **104,882** | **105,177** | -7.4% |

**Table 12**

**Revenue at FY 2016-2017 and FY 2018-2019 Rates**

| | (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) |
|---|---|---|---|---|---|---|---|---|
| | | **Current FY 2016-2017 Rates** | | **Average** | **Proposed FY 2018-2019 Rates** | | **Average** | **Percent** |
| | **Service** | **FY 2018** | **FY 2019** | **FYs 18&19** | **FY 2018** | **FY 2019** | **FYs 18&19** | **Change** |
| 33 | **Ancillary Revenues** | | | | | | | |
| 34 | Long-term Scheduling, Control and Dispatch | 114,923 | 117,141 | 116,032 | 122,941 | 125,313 | 124,127 | 7.0% |
| 35 | Short-term Scheduling, Control and Dispatch | 7,125 | 6,975 | 7,050 | 7,689 | 7,528 | 7,608 | 7.9% |
| 36 | NT Scheduling, Control and Dispatch | 27,186 | 27,564 | 27,375 | 29,205 | 29,611 | 29,408 | 7.4% |
| 37 | Subtotal SCD Rate | **149,234** | **151,679** | **150,457** | **159,835** | **162,452** | **161,144** | 7.1% |
| 38 | FPT & IR SCD | 4,016 | 3,047 | 3,531 | 4,327 | 3,222 | 3,774 | 6.9% |
| 39 | Total SCD Revenue | **153,250** | **154,726** | **153,988** | **164,162** | **165,674** | **164,918** | 7.1% |
| 40 | Regulation and Frequency Response | 6,167 | 6,167 | 6,167 | 6,681 | 6,681 | 6,681 | 8.3% |
| 41 | **Balancing Reseves (VERBS Wind, VERBS Solar, DERBS)** | **55,596** | **55,596** | **55,596** | **47,503** | **47,503** | **47,503** | **-14.6%** |
| 42 | VERBS (Wind -- 30/60 Scheduling) | 19,568 | 19,568 | 19,568 | 16,470 | 16,470 | 16,470 | -15.8% |
| 43 | VERBS (Wind -- 30/15 Scheduling) | 1,196 | 1,196 | 1,196 | 1,163 | 1,163 | 1,163 | -2.7% |
| 44 | VERBS (Wind -- Uncommitted Scheduling) | 31,497 | 31,497 | 31,497 | 25,964 | 25,964 | 25,964 | -17.6% |
| 45 | VERBS (Wind -- CSGI) | 2,080 | 2,080 | 2,080 | 2,548 | 2,548 | 2,548 | 22.5% |
| 46 | VERBS (Solar) | 38 | 38 | 38 | 50 | 50 | 50 | 33.3% |
| 47 | DERBS (Inc) | 976 | 976 | 976 | 1,099 | 1,099 | 1,099 | 12.5% |
| 48 | DERBS (Dec) | 240 | 240 | 240 | 209 | 209 | 209 | -12.9% |
| 49 | Operating Reserves - Spinning | 22,682 | 22,682 | 22,682 | 23,517 | 23,517 | 23,517 | 3.7% |
| 50 | Operating Reserves - Supplemental | 20,791 | 20,791 | 20,791 | 19,419 | 19,419 | 19,419 | -6.6% |
| 51 | Energy Imbalance | - | - | - | - | - | - | N/A |
| 52 | Generation Imbalance | - | - | - | - | - | - | N/A |
| 53 | **Total Ancillary Revenues** | **258,486** | **259,962** | **259,224** | **261,282** | **262,794** | **262,038** | 1.1% |
| 54 | Subtotal less SCD | 105,236 | 105,236 | 105,236 | 97,120 | 97,120 | 97,120 | -7.7% |
| 55 | **Delivery** | | | | | | | |
| 56 | Utility Delivery | 2,560 | 2,575 | 2,567 | 2,556 | 2,571 | 2,563 | -0.2% |
| 57 | **WECC** | | | | | | | |
| 58 | WECC Rate | 2,551 | 2,589 | 2,570 | 2,551 | 2,589 | 2,570 | 0.0% |
| 59 | **Peak** | | | | | | | |
| 60 | Peak Rate | 2,551 | 2,589 | 2,570 | 2,551 | 2,589 | 2,570 | 0.0% |
| 61 | **General Transmission Rates Subtotal** | **998,936** | **1,007,862** | **1,003,399** | **985,262** | **993,556** | **989,409** | -1.4% |
| 62 | Subtotal less Generation Input Ancillaries | 893,700 | 902,626 | 898,163 | 888,142 | 896,436 | 892,289 | -0.7% |

**Table 12**
**Revenue at FY 2016-2017 and FY 2018-2019 Rates**

| | (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) |
|---|---|---|---|---|---|---|---|---|
| | | Current FY 2016-2017 Rates | | Average | Proposed FY 2018-2019 Rates | | Average | Percent |
| | **Service** | **FY 2018** | **FY 2019** | **FYs 18&19** | **FY 2018** | **FY 2019** | **FYs 18&19** | **Change** |
| 63 | **Other Revenues** | | | | | | | |
| 64 | IS Reservation Fee | - | - | - | - | - | - | |
| 65 | UFT Fixed Dollar Amount | 4,841 | 4,682 | 4,762 | 4,841 | 4,682 | 4,762 | 0.0% |
| 66 | UFT Variable Service Amt | 242 | 242 | 242 | 242 | 242 | 242 | 0.0% |
| 67 | O&M Non-Federal Facility | 416 | 416 | 416 | 416 | 416 | 416 | 0.0% |
| 68 | O&M Federal Facility | 303 | 303 | 303 | 303 | 303 | 303 | 0.0% |
| 69 | PTP Reservation Fee | 1,861 | 1,340 | 1,601 | 1,861 | 1,340 | 1,601 | 0.0% |
| 70 | CF Reservation Fee | - | - | - | - | - | - | |
| 71 | Failure to Comply Penalty | - | - | - | - | - | - | |
| 72 | SINT AC Non Federal O&M | 1,905 | 1,905 | 1,905 | 1,905 | 1,905 | 1,905 | 0.0% |
| 73 | SINT AC Non Fed Replacements | - | - | - | - | - | - | N/A |
| 74 | TOP Service Charge | 1,100 | 1,100 | 1,100 | 1,100 | 1,100 | 1,100 | 0.0% |
| 75 | DSI Delivery Charge | 1,915 | 1,915 | 1,915 | 1,915 | 1,915 | 1,915 | 0.0% |
| 76 | PCS Wireless Leases | 5,022 | 5,042 | 5,032 | 5,022 | 5,042 | 5,032 | 0.0% |
| 77 | PCS Construction | 3,720 | 3,720 | 3,720 | 3,720 | 3,720 | 3,720 | 0.0% |
| 78 | PCS Operations & Maintenance | 312 | 312 | 312 | 312 | 312 | 312 | 0.0% |
| 79 | Fiber Leases | 7,733 | 7,379 | 7,556 | 7,733 | 7,379 | 7,556 | 0.0% |
| 80 | Fiber Operations & Maintenance | 1,550 | 1,550 | 1,550 | 1,550 | 1,550 | 1,550 | 0.0% |
| 81 | Land Use/Lease/Sale | 216 | 216 | 216 | 216 | 216 | 216 | 0.0% |
| 82 | Misc Leases | 105 | 105 | 105 | 105 | 105 | 105 | 0.0% |
| 83 | Right-Of-Way Lease | 79 | 79 | 79 | 79 | 79 | 79 | 0.0% |
| 84 | COE/BOR Project Revenue | - | - | - | - | - | - | N/A |
| 85 | 3rd AC RAS Generation Dropping | 27 | 27 | 27 | 27 | 27 | 27 | 0.0% |
| 86 | AC RAS Load Tripping | - | - | - | - | - | - | 0.0% |
| 87 | Transmission Share of IPP | 246 | 246 | 246 | 246 | 246 | 246 | 0.0% |
| 88 | Use of Communication Equipmt | 179 | 177 | 178 | 179 | 177 | 178 | 0.0% |
| 89 | FPS Real Power Losses | - | - | - | - | - | - | |
| 90 | Amort NonFed PNW AC Intertie | 3,409 | 3,409 | 3,409 | 3,409 | 3,409 | 3,409 | 0.0% |
| 91 | Transmission Processing Fee | 43 | 43 | 43 | 43 | 43 | 43 | 0.0% |
| 92 | Generation Integration BBL | 12,488 | 12,642 | 12,565 | 12,488 | 12,642 | 12,565 | 0.0% |
| 93 | TGT Revenues | 12,414 | 12,414 | 12,414 | 12,414 | 12,414 | 12,414 | 0.0% |
| 94 | **Other Revenues Subtotal** | **60,126** | **59,264** | **59,695** | **60,126** | **59,264** | **59,695** | 0.0% |
| 95 | **Total Revenue** | **1,059,062** | **1,067,126** | **1,063,094** | **1,045,388** | **1,052,820** | **1,049,104** | **-1.3%** |

**Table 13.1**
**2018 Long-Term Transmission Demand**
**(MegaWatts)**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | **REVENUE PRODUCT** | **COMPANY** | **CUST ID** | **CONTRACT** | **AREF** | **PRODUCT GROUP** | **TYPE** | **Oct-17** | **Nov-17** | **Dec-17** | **Jan-18** | **Feb-18** | **Mar-18** | **Apr-18** | **May-18** | **Jun-18** | **Jul-18** | **Aug-18** | **Sep-18** |
| 2 | | **IR Contract** | Puget | 14-03-45241 | 14-03-45241 | 1801608 | IR | Legacy | 266 | 266 | 266 | 266 | 266 | 266 | 266 | 266 | 266 | 266 | 266 | 0 |
| 3 | | | | | | | | | | | | | | | | | | | | |
| 4 | | | **Puget Total** | | | | | | **266** | **266** | **266** | **266** | **266** | **266** | **266** | **266** | **266** | **266** | **266** | **0** |
| 5 | | | | | | | | | | | | | | | | | | | | |
| 6 | | **IR Contract Total** | | | | | | | **266** | **266** | **266** | **266** | **266** | **266** | **266** | **266** | **266** | **266** | **266** | **0** |
| 7 | | | | | | | | | | | | | | | | | | | | |
| 8 | | **FPT One-Year** | Douglas | 10135 | DE-MS79-80BP90066 | | FPT 1Yr Long Term Firm | Legacy | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 9 | | | | | | | | | | | | | | | | | | | | |
| 10 | | | **Douglas Total** | | | | | | **2** | **2** | **2** | **2** | **2** | **2** | **2** | **2** | **2** | **2** | **2** | **2** |
| 11 | | | | | | | | | | | | | | | | | | | | |
| 12 | | | PAC | 10300 | DE-MS79-94BP94280 | 422032 | FPT 1Yr Long Term Firm | Legacy | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| 13 | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | DE-MS79-94BP94333 | 1801200 | FPT 1Yr Long Term Firm | Legacy | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| 15 | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | 1801201 | FPT 1Yr Long Term Firm | Legacy | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| 17 | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | 1801202 | FPT 1Yr Long Term Firm | Legacy | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 |
| 19 | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | 1801203 | FPT 1Yr Long Term Firm | Legacy | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 |
| 21 | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | 1801397 | FPT 1Yr Long Term Firm | Legacy | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 |
| 23 | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | 1801398 | FPT 1Yr Long Term Firm | Legacy | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 |
| 25 | | | | | | | | | | | | | | | | | | | | |
| 26 | | | **PAC Total** | | | | | | **800** | **800** | **800** | **800** | **800** | **800** | **800** | **800** | **800** | **800** | **800** | **800** |
| 27 | | | | | | | | | | | | | | | | | | | | |
| 28 | | | Turlock Irrigation | 10386 | DE-MS79-95BP94151 | 422176 | FPT 1Yr Long Term Firm | Legacy | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 29 | | | | | | | | | | | | | | | | | | | | |
| 30 | | | **Turlock Irrigation Total** | | | | | | **50** | **50** | **50** | **50** | **50** | **50** | **50** | **50** | **50** | **50** | **50** | **50** |
| 31 | | | | | | | | | | | | | | | | | | | | |
| 32 | | | Avista | 10016 | DE-MS79-85BP92186 | 453495 | WNP-3 Settlement Tx Charge | Legacy | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 |
| 33 | | | | | | | | | | | | | | | | | | | | |
| 34 | | | **Avista Total** | | | | | | **32** | **32** | **32** | **32** | **32** | **32** | **32** | **32** | **32** | **32** | **32** | **32** |
| 35 | | | | | | | | | | | | | | | | | | | | |
| 36 | | **FPT 1Yr Long Term Firm Total** | | | | | | | **885** | **885** | **885** | **885** | **885** | **885** | **885** | **885** | **885** | **885** | **885** | **885** |
| 37 | | | | | | | | | | | | | | | | | | | | |
| 38 | | **FPT Three-Year** | PAC | 10300 | 14-03-14612 | 1801204/5 | FPT 3Yr Long Term Firm | | 58 | 68 | 77 | 73 | 66 | 66 | 60 | 56 | 50 | 56 | 56 | 55 |
| 39 | | | | | | | | | | | | | | | | | | | | |
| 40 | | | **PAC Total** | | | | | | **58** | **68** | **77** | **73** | **66** | **66** | **60** | **56** | **50** | **56** | **56** | **55** |
| 41 | | | | | | | | | | | | | | | | | | | | |
| 42 | | **FPT 3Yr Long Term Firm Total** | | | | | | | **58** | **68** | **77** | **73** | **66** | **66** | **60** | **56** | **50** | **56** | **56** | **55** |
| 43 | | | | | | | | | | | | | | | | | | | | |
| 44 | | **Montana Intertie** | PAC | 10300 | 04TX-11722 | 76116412 | IM CONFIRMED | REDIRECT | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 45 | | | | | | | | | | | | | | | | | | | | |
| 46 | | | | | | 77400411 | IM CONFIRMED | RENEWAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 47 | | | | | | | | | | | | | | | | | | | | |
| 48 | | | | | | | IM SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 49 | | | | | | | | | | | | | | | | | | | | |
| 50 | | | **PAC Total** | | | | | | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** |
| 51 | | | | | | | | | | | | | | | | | | | | |
| 52 | | **Montana Intertie Total** | | | | | | | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** |
| 53 | | | | | | | | | | | | | | | | | | | | |
| 54 | | **Southern Intertie** | Avangrid | 10302 | 00TX-10367 | 71678981 | IS CONFIRMED | ORIGINAL | 280 | 280 | 280 | 280 | 280 | 280 | 280 | 280 | 280 | 280 | 280 | 280 |
| 55 | | | | | | | | | | | | | | | | | | | | |
| 56 | | | | | | 73167623 | IS CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 57 | | | | | | | | | | | | | | | | | | | | |
| 58 | | | | | | 73167628 | IS CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 59 | | | | | | | | | | | | | | | | | | | | |
| 60 | | | | | | 77719214 | IS CONFIRMED | RENEWAL | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 |
| 61 | | | | | | | | | | | | | | | | | | | | |
| 62 | | | | | | | IS SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 63 | | | | | | | | | | | | | | | | | | | | |
| 64 | | | | | | 78154124 | IS CONFIRMED | RENEWAL | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| 65 | | | | | | | | | | | | | | | | | | | | |
| 66 | | | | | | | IS SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 67 | | | | | | | | | | | | | | | | | | | | |
| 68 | | | | | | 81188001 | IS CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 69 | | | | | | | | | | | | | | | | | | | | |
| 70 | | | | | | 81723732 | IS CONFIRMED | RENEWAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 71 | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | 81723741 | IS CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 73 | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | 81723764 | IS CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 75 | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | 82055597 | IS CONFIRMED | RENEWAL | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 |
| 77 | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | 82055628 | IS CONFIRMED | RENEWAL | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |

**Table 13.1**
**2018 Long-Term Transmission Demand**
**(MegaWatts)**

| REVENUE PRODUCT | COMPANY | CUST ID | CONTRACT | AREF | PRODUCT GROUP | TYPE | Oct-17 | Nov-17 | Dec-17 | Jan-18 | Feb-18 | Mar-18 | Apr-18 | May-18 | Jun-18 | Jul-18 | Aug-18 | Sep-18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 82055669 | IS CONFIRMED | RENEWAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | | | | 82055673 | IS CONFIRMED | RENEWAL | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 |
| | | | | 82055707 | IS CONFIRMED | RENEWAL | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| | | | | 82055778 | IS CONFIRMED | RENEWAL | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| | | | | 82666417 | IS CONFIRMED | RENEWAL | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 |
| | **Avangrid Total** | | | | | | **1,110** | **1,110** | **1,110** | **1,110** | **1,110** | **1,110** | **1,110** | **1,110** | **1,110** | **1,110** | **1,110** | **1,110** |
| | BPA Power | 10033 | 14TX-95363 | 1472326 | IS CONFIRMED | ORIGINAL | 700 | 700 | 700 | 700 | 700 | 700 | 700 | 700 | 700 | 700 | 700 | 700 |
| | | | | 73834974 | IS CONFIRMED | ORIGINAL | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| | | | | | IS SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 73887789 | IS CONFIRMED | ORIGINAL | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| | | | | | IS SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 80522943 | IS CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | | IS SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 1472326R | IS SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | 96MS-95363 | UNKNOWN | IS SPECULATION | ORIGINAL | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 |
| | **BPA Power Total** | | | | | | **910** | **910** | **910** | **910** | **910** | **910** | **910** | **910** | **910** | **910** | **910** | **910** |
| | Exelon Generation | 10849 | 02TX-11265 | 78221134 | IS CONFIRMED | ORIGINAL | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| | | | | 78225336 | IS CONFIRMED | ORIGINAL | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| | | | | 78225361 | IS CONFIRMED | ORIGINAL | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| | | | | 78225363 | IS CONFIRMED | ORIGINAL | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| | **Exelon Generation Total** | | | | | | **120** | **120** | **120** | **120** | **120** | **120** | **120** | **120** | **120** | **120** | **120** | **120** |
| | Hermiston Power | 10199 | 98TX-10154 | 449487 | IS CONFIRMED | ORIGINAL | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 |
| | | | | 449491 | IS CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 449493 | IS CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 1800038 | IS CONFIRMED | ORIGINAL | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 |
| | | | | 1801359 | IS CONFIRMED | ORIGINAL | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| | **Hermiston Power Total** | | | | | | **536** | **536** | **536** | **536** | **536** | **536** | **536** | **536** | **536** | **536** | **536** | **536** |
| | Morgan Stanley | 10264 | 97TX-10031 | 1470752 | IS CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 1470754 | IS CONFIRMED | ORIGINAL | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| | | | | 72398097 | IS CONFIRMED | ORIGINAL | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 |
| | | | | 75533108 | IS SPECULATION | RENEWAL | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 |
| | | | | | | | -46 | -46 | -46 | -46 | -46 | -46 | -46 | -46 | -46 | -46 | -46 | -46 |
| | | | | 78676775 | IS CONFIRMED | RENEWAL | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 |
| | | | | 80235959 | IS CONFIRMED | RENEWAL | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 |
| | | | | 80235975 | IS CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 80571459 | IS CONFIRMED | RENEWAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | | | | 80571502 | IS CONFIRMED | RENEWAL | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 |
| | | | | 80571523 | IS CONFIRMED | RENEWAL | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 |

# Table 13.1
## 2018 Long-Term Transmission Demand
## (MegaWatts)

| REVENUE PRODUCT | COMPANY | CUST ID | CONTRACT | AREF | PRODUCT GROUP | TYPE | Oct-17 | Nov-17 | Dec-17 | Jan-18 | Feb-18 | Mar-18 | Apr-18 | May-18 | Jun-18 | Jul-18 | Aug-18 | Sep-18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 82056189 | IS CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 82056214 | IS CONFIRMED | RENEWAL | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| | | | | 82056220 | IS CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 82056237 | IS CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 82056253 | IS CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 82810433 | IS CONFIRMED | RENEWAL | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 |
| | **Morgan Stanley Total** | | | | | | **734** | **734** | **734** | **734** | **734** | **734** | **734** | **734** | **734** | **734** | **734** | **734** |
| | PAC | 10300 | DE-MS79-94BP94280 | 79356596 | IS CONFIRMED | ORIGINAL | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| | | | DE-MS79-94BP94285 | 427472 | IS CONFIRMED | ORIGINAL | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 93 |
| | | | | 866020 | IS CONFIRMED | ORIGINAL | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 |
| | | | | 80879211 | IS CONFIRMED | RECALL | -71 | -71 | -71 | -71 | -71 | -71 | -71 | -71 | -71 | -71 | -71 | -71 |
| | | | | 80986294 | IS CONFIRMED | RECALL | -93 | -93 | -93 | -93 | -93 | -93 | -93 | -93 | -93 | -93 | -93 | -93 |
| | **PAC Total** | | | | | | **200** | **200** | **200** | **200** | **200** | **200** | **200** | **200** | **200** | **200** | **200** | **200** |
| | Powerex | 10037 | 99TX-10251 | 77502254 | IS CONFIRMED | RENEWAL | 357 | 357 | 357 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 77543772 | IS CONFIRMED | RENEWAL | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 |
| | | | | | IS SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 77543773 | IS CONFIRMED | RENEWAL | 286 | 286 | 286 | 286 | 286 | 286 | 286 | 286 | 286 | 286 | 286 | 286 |
| | | | | | IS SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 77543781 | IS CONFIRMED | RENEWAL | 650 | 650 | 650 | 650 | 650 | 650 | 650 | 650 | 650 | 650 | 650 | 650 |
| | | | | | IS SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 78710047 | IS CONFIRMED | RENEWAL | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| | | | | 79100585 | IS CONFIRMED | RENEWAL | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 |
| | | | | 79100588 | IS CONFIRMED | RENEWAL | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| | | | | 79461718 | IS CONFIRMED | RENEWAL | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 |
| | | | | 79848644 | IS CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 79855282 | IS CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 81352448 | IS CONFIRMED | RENEWAL | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| | | | | 84002664 | IS SPECULATION | RENEWAL | 0 | 0 | 0 | 337 | 337 | 337 | 337 | 337 | 337 | 337 | 337 | 337 |
| | **Powerex Total** | | | | | | **2,020** | **2,020** | **2,020** | **2,000** | **2,000** | **2,000** | **2,000** | **2,000** | **2,000** | **2,000** | **2,000** | **2,000** |
| | Shell Energy | 10122 | 00TX-10286 | 72429308 | IS CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 72513298 | IS CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 72513308 | IS CONFIRMED | RENEWAL | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| | | | | 72513313 | IS CONFIRMED | RENEWAL | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| | | | | 82107783 | IS CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 82107784 | IS CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | **Shell Energy Total** | | | | | | **250** | **250** | **250** | **250** | **250** | **250** | **250** | **250** | **250** | **250** | **250** | **250** |
| | TEMUS | 10381 | 98TX-10172 | 77302316 | IS CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | | IS SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 78163252 | IS CONFIRMED | RENEWAL | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 |

**Table 13.1**
**2018 Long-Term Transmission Demand**
**(MegaWatts)**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | **REVENUE PRODUCT** | **COMPANY** | **CUST ID** | **CONTRACT** | **AREF** | **PRODUCT GROUP** | **TYPE** | **Oct-17** | **Nov-17** | **Dec-17** | **Jan-18** | **Feb-18** | **Mar-18** | **Apr-18** | **May-18** | **Jun-18** | **Jul-18** | **Aug-18** | **Sep-18** |
| 233 | | | | | | | | | | | | | | | | | | | | |
| 234 | | | | | | | IS SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 235 | | | | | | | | | | | | | | | | | | | | |
| 236 | | | **TEMUS Total** | | | | | | **142** | **142** | **142** | **142** | **142** | **142** | **142** | **142** | **142** | **142** | **142** | **142** |
| 237 | | | | | | | | | | | | | | | | | | | | |
| 238 | | **Southern Intertie Total** | | | | | | | **6,022** | **6,022** | **6,022** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** |
| 239 | | | | | | | | | | | | | | | | | | | | |
| 240 | | **PTP Network** | Alcoa inc | 10007 | 01TX-10630 | 83517280 | PTP CONFIRMED | RENEWAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 241 | | | | | | | | | | | | | | | | | | | | |
| 242 | | | | | | 83518078 | PTP CONFIRMED | RENEWAL | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| 243 | | | | | | | | | | | | | | | | | | | | |
| 244 | | | | | | 83518105 | PTP CONFIRMED | RENEWAL | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 245 | | | | | | | | | | | | | | | | | | | | |
| 246 | | | | | | 83518121 | PTP CONFIRMED | RENEWAL | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 |
| 247 | | | | | | | | | | | | | | | | | | | | |
| 248 | | | | | | 83518185 | PTP CONFIRMED | RENEWAL | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| 249 | | | | | | | | | | | | | | | | | | | | |
| 250 | | | | | | 83518218 | PTP CONFIRMED | RENEWAL | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| 251 | | | | | | | | | | | | | | | | | | | | |
| 252 | | | | | | 83518239 | PTP CONFIRMED | RENEWAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 253 | | | | | | | | | | | | | | | | | | | | |
| 254 | | | | | | 83518247 | PTP CONFIRMED | RENEWAL | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 |
| 255 | | | | | | | | | | | | | | | | | | | | |
| 256 | | | | | | 83518257 | PTP CONFIRMED | RENEWAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 257 | | | | | | | | | | | | | | | | | | | | |
| 258 | | | | | | 83518273 | PTP CONFIRMED | RENEWAL | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 259 | | | | | | | | | | | | | | | | | | | | |
| 260 | | | | | | 83518283 | PTP CONFIRMED | RENEWAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 261 | | | | | | | | | | | | | | | | | | | | |
| 262 | | | | | | 83518296 | PTP CONFIRMED | RENEWAL | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| 263 | | | | | | | | | | | | | | | | | | | | |
| 264 | | | | | | 83518305 | PTP CONFIRMED | RENEWAL | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 265 | | | | | | | | | | | | | | | | | | | | |
| 266 | | | | | | 83518317 | PTP CONFIRMED | RENEWAL | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| 267 | | | | | | | | | | | | | | | | | | | | |
| 268 | | | | | | 83518328 | PTP CONFIRMED | RENEWAL | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 269 | | | | | | | | | | | | | | | | | | | | |
| 270 | | | | | | 83518337 | PTP CONFIRMED | RENEWAL | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 |
| 271 | | | | | | | | | | | | | | | | | | | | |
| 272 | | | | | | 83518362 | PTP CONFIRMED | RENEWAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 273 | | | | | | | | | | | | | | | | | | | | |
| 274 | | | | | | 83518370 | PTP CONFIRMED | RENEWAL | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 275 | | | | | | | | | | | | | | | | | | | | |
| 276 | | | | | | 83518373 | PTP CONFIRMED | RENEWAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 277 | | | | | | | | | | | | | | | | | | | | |
| 278 | | | | | | 83518379 | PTP CONFIRMED | RENEWAL | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 279 | | | | | | | | | | | | | | | | | | | | |
| 280 | | | | | | 83518381 | PTP CONFIRMED | RENEWAL | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 281 | | | | | | | | | | | | | | | | | | | | |
| 282 | | | | | | 83518387 | PTP CONFIRMED | RENEWAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 283 | | | | | | | | | | | | | | | | | | | | |
| 284 | | | **Alcoa inc Total** | | | | | | **403** | **403** | **403** | **403** | **403** | **403** | **403** | **403** | **403** | **403** | **403** | **403** |
| 285 | | | | | | | | | | | | | | | | | | | | |
| 286 | | | Arlington | 11768 | 07TX-12526 | 72296939 | PTP CONFIRMED | DEFERRAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 287 | | | | | | | | | | | | | | | | | | | | |
| 288 | | | **Arlington Total** | | | | | | **25** | **25** | **25** | **25** | **25** | **25** | **25** | **25** | **25** | **25** | **25** | **25** |
| 289 | | | | | | | | | | | | | | | | | | | | |
| 290 | | | Avangrid | 10302 | 00TX-10367 | 75402686 | PTP CONFIRMED | RENEWAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 291 | | | | | | | | | | | | | | | | | | | | |
| 292 | | | | | | 75648187 | PTP SPECULATION | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 293 | | | | | | | | | | | | | | | | | | | | |
| 294 | | | | | | 75648199 | PTP SPECULATION | RENEWAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 295 | | | | | | | | | | | | | | | | | | | | |
| 296 | | | | | | 77410538 | PTP CONFIRMED | RENEWAL | 25 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 297 | | | | | | | | | | | | | | | | | | | | |
| 298 | | | | | | 77410542 | PTP CONFIRMED | RENEWAL | 25 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**Table 13.1**
**2018 Long-Term Transmission Demand**
**(MegaWatts)**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | **REVENUE PRODUCT** | **COMPANY** | **CUST ID** | **CONTRACT** | **AREF** | **PRODUCT GROUP** | **TYPE** | **Oct-17** | **Nov-17** | **Dec-17** | **Jan-18** | **Feb-18** | **Mar-18** | **Apr-18** | **May-18** | **Jun-18** | **Jul-18** | **Aug-18** | **Sep-18** |
| 299 | | | | | | | | | | | | | | | | | | | | |
| 300 | | | | | | 77410610 | PTP CONFIRMED | RENEWAL | 50 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 301 | | | | | | | | | | | | | | | | | | | | |
| 302 | | | | | | 77895741 | PTP CONFIRMED | ORIGINAL | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| 303 | | | | | | | | | | | | | | | | | | | | |
| 304 | | | | | | 78287943 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 305 | | | | | | | | | | | | | | | | | | | | |
| 306 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 307 | | | | | | | | | | | | | | | | | | | | |
| 308 | | | | | | 78577161 | PTP CONFIRMED | ORIGINAL | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| 309 | | | | | | | | | | | | | | | | | | | | |
| 310 | | | | | | 79946068 | PTP CONFIRMED | DEFERRAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 311 | | | | | | | | | | | | | | | | | | | | |
| 312 | | | | | | 79946083 | PTP CONFIRMED | DEFERRAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 313 | | | | | | | | | | | | | | | | | | | | |
| 314 | | | | | | 79946085 | PTP CONFIRMED | DEFERRAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 315 | | | | | | | | | | | | | | | | | | | | |
| 316 | | | | | | 80156358 | PTP CONFIRMED | RENEWAL | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| 317 | | | | | | | | | | | | | | | | | | | | |
| 318 | | | | | | 80818877 | PTP CONFIRMED | DEFERRAL | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 319 | | | | | | | | | | | | | | | | | | | | |
| 320 | | | | | | 80818881 | PTP CONFIRMED | DEFERRAL | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 321 | | | | | | | | | | | | | | | | | | | | |
| 322 | | | | | | 80818885 | PTP CONFIRMED | DEFERRAL | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 323 | | | | | | | | | | | | | | | | | | | | |
| 324 | | | | | | 81003216 | PTP CONFIRMED | RENEWAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 325 | | | | | | | | | | | | | | | | | | | | |
| 326 | | | | | | 81003258 | PTP CONFIRMED | RENEWAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 327 | | | | | | | | | | | | | | | | | | | | |
| 328 | | | | | | 81003319 | PTP CONFIRMED | RENEWAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 329 | | | | | | | | | | | | | | | | | | | | |
| 330 | | | | | | 81003377 | PTP CONFIRMED | RENEWAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 331 | | | | | | | | | | | | | | | | | | | | |
| 332 | | | | | | 81723592 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 333 | | | | | | | | | | | | | | | | | | | | |
| 334 | | | | | | 83329879 | PTP CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 335 | | | | | | | | | | | | | | | | | | | | |
| 336 | | | | | | 83330013 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 337 | | | | | | | | | | | | | | | | | | | | |
| 338 | | | | | | 83675003 | PTP SPECULATION | DEFERRAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 339 | | | | | | | | | | | | | | | | | | | | |
| 340 | | | | | | 83675099 | PTP SPECULATION | DEFERRAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 341 | | | | | | | | | | | | | | | | | | | | |
| 342 | | | | | | 83675117 | PTP SPECULATION | DEFERRAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 343 | | | | | | | | | | | | | | | | | | | | |
| 344 | | | | | | 83675818 | PTP SPECULATION | DEFERRAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 345 | | | | | | | | | | | | | | | | | | | | |
| 346 | | | | | | 83675824 | PTP SPECULATION | DEFERRAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 347 | | | | | | | | | | | | | | | | | | | | |
| 348 | | | | | | 83792425 | PTP CONFIRMED | RENEWAL | 0 | 0 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 349 | | | | | | | | | | | | | | | | | | | | |
| 350 | | | | | | 83792432 | PTP CONFIRMED | RENEWAL | 0 | 0 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 351 | | | | | | | | | | | | | | | | | | | | |
| 352 | | | | | | 83792454 | PTP CONFIRMED | RENEWAL | 0 | 0 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 353 | | | | | | | | | | | | | | | | | | | | |
| 354 | | | **Avangrid Total** | | | | | | **751** | **751** | **751** | **751** | **751** | **751** | **751** | **751** | **751** | **751** | **751** | **751** |
| 355 | | | | | | | | | | | | | | | | | | | | |
| 356 | | | Avista | 10016 | 96MS-96008 | 1468405 | PTP CONFIRMED | ORIGINAL | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| 357 | | | | | | | | | | | | | | | | | | | | |
| 358 | | | | | | 1468727 | PTP CONFIRMED | DEFERRAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 359 | | | | | | | | | | | | | | | | | | | | |
| 360 | | | | | | 73613033 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 361 | | | | | | | | | | | | | | | | | | | | |
| 362 | | | | | | 81229705 | PTP CONFIRMED | RENEWAL | 196 | 196 | 196 | 196 | 196 | 196 | 196 | 196 | 196 | 196 | 196 | 196 |
| 363 | | | | | | | | | | | | | | | | | | | | |

**Table 13.1**
**2018 Long-Term Transmission Demand**
**(MegaWatts)**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | **REVENUE PRODUCT** | **COMPANY** | **CUST ID** | **CONTRACT** | **AREF** | **PRODUCT GROUP** | **TYPE** | **Oct-17** | **Nov-17** | **Dec-17** | **Jan-18** | **Feb-18** | **Mar-18** | **Apr-18** | **May-18** | **Jun-18** | **Jul-18** | **Aug-18** | **Sep-18** |
| 364 | | | | | | 81229721 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 366 | | | | | | 81283167 | PTP CONFIRMED | RENEWAL | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 |
| 368 | | | | | | 81349480 | PTP CONFIRMED | ORIGINAL | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 |
| 370 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 9 | 9 | 9 | 9 |
| 372 | | | **Avista Total** | | | | | | **577** | **577** | **577** | **577** | **577** | **577** | **577** | **577** | **577** | **577** | **577** | **577** |
| 374 | | | Benton PUD | 10024 | 97TX-10041 | 1800329 | PTP CONFIRMED | ORIGINAL | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 376 | | | | | | 1800333 | PTP CONFIRMED | ORIGINAL | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 378 | | | | | | 1800338 | PTP CONFIRMED | ORIGINAL | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| 380 | | | | | | 1800343 | PTP CONFIRMED | ORIGINAL | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| 382 | | | | | | 1800354 | PTP CONFIRMED | ORIGINAL | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 |
| 384 | | | | | | 1800364 | PTP CONFIRMED | ORIGINAL | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 386 | | | | | | 1800366 | PTP CONFIRMED | ORIGINAL | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| 388 | | | | | | 1800373 | PTP CONFIRMED | ORIGINAL | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 |
| 390 | | | | | | 1800375 | PTP CONFIRMED | ORIGINAL | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| 392 | | | | | | 1800377 | PTP CONFIRMED | ORIGINAL | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 |
| 394 | | | | | | 1800379 | PTP CONFIRMED | ORIGINAL | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 |
| 396 | | | | | | 1801385 | PTP CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 398 | | | | | | 1801465 | PTP CONFIRMED | ORIGINAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 400 | | | | | | 71821291 | PTP CONFIRMED | REDIRECT | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 402 | | | | | | 71821795 | PTP CONFIRMED | REDIRECT | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 404 | | | **Benton PUD Total** | | | | | | **435** | **435** | **435** | **435** | **435** | **435** | **435** | **435** | **435** | **435** | **435** | **435** |
| 406 | | | BPA Power | 10033 | 14TX-95363 | 1800097 | PTP CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 408 | | | | | | 1800100 | PTP CONFIRMED | ORIGINAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 410 | | | | | | 1800103 | PTP CONFIRMED | ORIGINAL | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 412 | | | | | | 1800106 | PTP CONFIRMED | ORIGINAL | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 414 | | | | | | 1800109 | PTP CONFIRMED | ORIGINAL | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| 416 | | | | | | 1800112 | PTP CONFIRMED | ORIGINAL | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| 418 | | | | | | 1800115 | PTP CONFIRMED | ORIGINAL | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| 420 | | | | | | 1800118 | PTP CONFIRMED | ORIGINAL | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| 422 | | | | | | 1800121 | PTP CONFIRMED | ORIGINAL | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 |
| 424 | | | | | | 1800124 | PTP CONFIRMED | ORIGINAL | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| 426 | | | | | | 1800127 | PTP CONFIRMED | ORIGINAL | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 |
| 428 | | | | | | 1800130 | PTP CONFIRMED | ORIGINAL | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 |

**Table 13.1**
**2018 Long-Term Transmission Demand**
**(MegaWatts)**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | **REVENUE PRODUCT** | **COMPANY** | **CUST ID** | **CONTRACT** | **AREF** | **PRODUCT GROUP** | **TYPE** | **Oct-17** | **Nov-17** | **Dec-17** | **Jan-18** | **Feb-18** | **Mar-18** | **Apr-18** | **May-18** | **Jun-18** | **Jul-18** | **Aug-18** | **Sep-18** |
| 429 | | | | | | | | | | | | | | | | | | | | |
| 430 | | | | | | 1800133 | PTP CONFIRMED | ORIGINAL | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 |
| 431 | | | | | | | | | | | | | | | | | | | | |
| 432 | | | | | | 1800137 | PTP CONFIRMED | ORIGINAL | 287 | 287 | 287 | 287 | 287 | 287 | 287 | 287 | 287 | 287 | 287 | 287 |
| 433 | | | | | | | | | | | | | | | | | | | | |
| 434 | | | | | | 321890 | PTP CONFIRMED | ORIGINAL | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 |
| 435 | | | | | | | | | | | | | | | | | | | | |
| 436 | | | | | | 77176374 | PTP CONFIRMED | REDIRECT | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 437 | | | | | | | | | | | | | | | | | | | | |
| 438 | | | | | | 77176386 | PTP CONFIRMED | REDIRECT | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 439 | | | | | | | | | | | | | | | | | | | | |
| 440 | | | | | | 79471716 | PTP CONFIRMED | RENEWAL | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 |
| 441 | | | | | | | | | | | | | | | | | | | | |
| 442 | | | | | | 79497143 | PTP CONFIRMED | RENEWAL | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 116 |
| 443 | | | | | | | | | | | | | | | | | | | | |
| 444 | | | | | | 79647304 | PTP CONFIRMED | RENEWAL | 297 | 297 | 297 | 297 | 297 | 297 | 297 | 297 | 297 | 297 | 297 | 297 |
| 445 | | | | | | | | | | | | | | | | | | | | |
| 446 | | | | | | 79879849 | PTP CONFIRMED | ORIGINAL | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| 447 | | | | | | | | | | | | | | | | | | | | |
| 448 | | | | | | 83420810 | PTP CONFIRMED | RENEWAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 449 | | | | | | | | | | | | | | | | | | | | |
| 450 | | | | | | 83420840 | PTP CONFIRMED | RENEWAL | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| 451 | | | | | | | | | | | | | | | | | | | | |
| 452 | | | | | | 83420993 | PTP CONFIRMED | RENEWAL | 109 | 109 | 109 | 109 | 109 | 109 | 109 | 109 | 109 | 109 | 109 | 109 |
| 453 | | | | | | | | | | | | | | | | | | | | |
| 454 | | | | | | 83421008 | PTP CONFIRMED | RENEWAL | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 |
| 455 | | | | | | | | | | | | | | | | | | | | |
| 456 | | | | | | 83421034 | PTP CONFIRMED | RENEWAL | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 |
| 457 | | | | | | | | | | | | | | | | | | | | |
| 458 | | | | | 96MS-96060 | Multiple | PTP SPECULATION | RENEWAL | 665 | 665 | 665 | 665 | 665 | 665 | 665 | 665 | 665 | 665 | 665 | 665 |
| 459 | | | | | | | | | | | | | | | | | | | | |
| 460 | | | **BPA Power Total** | | | | | | **2,459** | **2,459** | **2,459** | **2,459** | **2,459** | **2,459** | **2,459** | **2,459** | **2,459** | **2,459** | **2,459** | **2,459** |
| 461 | | | | | | | | | | | | | | | | | | | | |
| 462 | | | Chelan | 10050 | 01TX-10714 | 72041989 | PTP CONFIRMED | RENEWAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 463 | | | | | | | | | | | | | | | | | | | | |
| 464 | | | **Chelan Total** | | | | | | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** |
| 465 | | | | | | | | | | | | | | | | | | | | |
| 466 | | | Clark | 10103 | 02TX-11177 | 81435045 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 467 | | | | | | | | | | | | | | | | | | | | |
| 468 | | | **Clark Total** | | | | | | **25** | **25** | **25** | **25** | **25** | **25** | **25** | **25** | **25** | **25** | **25** | **25** |
| 469 | | | | | | | | | | | | | | | | | | | | |
| 470 | | | Clatskanie | 10105 | 01TX-10649 | 1321619 | PTP CONFIRMED | ORIGINAL | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 471 | | | | | | | | | | | | | | | | | | | | |
| 472 | | | | | | 1321623 | PTP CONFIRMED | ORIGINAL | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 473 | | | | | | | | | | | | | | | | | | | | |
| 474 | | | | | | 1321630 | PTP CONFIRMED | ORIGINAL | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 475 | | | | | | | | | | | | | | | | | | | | |
| 476 | | | | | | 1321632 | PTP CONFIRMED | ORIGINAL | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 477 | | | | | | | | | | | | | | | | | | | | |
| 478 | | | | | | 1321634 | PTP CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 479 | | | | | | | | | | | | | | | | | | | | |
| 480 | | | | | | 1800705 | PTP CONFIRMED | ORIGINAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 481 | | | | | | | | | | | | | | | | | | | | |
| 482 | | | | | | 1800709 | PTP CONFIRMED | ORIGINAL | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 483 | | | | | | | | | | | | | | | | | | | | |
| 484 | | | | | | 1800717 | PTP CONFIRMED | ORIGINAL | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 485 | | | | | | | | | | | | | | | | | | | | |
| 486 | | | | | | 1800721 | PTP CONFIRMED | ORIGINAL | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 487 | | | | | | | | | | | | | | | | | | | | |
| 488 | | | | | | 1800725 | PTP CONFIRMED | ORIGINAL | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 489 | | | | | | | | | | | | | | | | | | | | |
| 490 | | | | | | 1800729 | PTP CONFIRMED | ORIGINAL | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 491 | | | | | | | | | | | | | | | | | | | | |
| 492 | | | | | | 1800735 | PTP CONFIRMED | ORIGINAL | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| 493 | | | | | | | | | | | | | | | | | | | | |

**Table 13.1**
**2018 Long-Term Transmission Demand**
**(MegaWatts)**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | **REVENUE PRODUCT** | **COMPANY** | **CUST ID** | **CONTRACT** | **AREF** | **PRODUCT GROUP** | **TYPE** | **Oct-17** | **Nov-17** | **Dec-17** | **Jan-18** | **Feb-18** | **Mar-18** | **Apr-18** | **May-18** | **Jun-18** | **Jul-18** | **Aug-18** | **Sep-18** |
| 494 | | | | | | 1800737 | PTP CONFIRMED | ORIGINAL | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 495 | | | | | | | | | | | | | | | | | | | | |
| 496 | | | | | | 1800740 | PTP CONFIRMED | ORIGINAL | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| 497 | | | | | | | | | | | | | | | | | | | | |
| 498 | | | | | | 1800741 | PTP CONFIRMED | ORIGINAL | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| 499 | | | | | | | | | | | | | | | | | | | | |
| 500 | | | **Clatskanie Total** | | | | | | **147** | **147** | **147** | **147** | **147** | **147** | **147** | **147** | **147** | **147** | **147** | **147** |
| 501 | | | | | | | | | | | | | | | | | | | | |
| 502 | | | Eurus Comb | 11021 | 09TX-14147 | 73473061 | PTP CONFIRMED | REDIRECT | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 |
| 503 | | | | | | | | | | | | | | | | | | | | |
| 504 | | | **Eurus Comb Total** | | | | | | **62** | **62** | **62** | **62** | **62** | **62** | **62** | **62** | **62** | **62** | **62** | **62** |
| 505 | | | | | | | | | | | | | | | | | | | | |
| 506 | | | Finley Bioenergy | 11122 | 07TX-12488 | 71689868 | PTP CONFIRMED | ORIGINAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 507 | | | | | | | | | | | | | | | | | | | | |
| 508 | | | | | | 71915090 | PTP CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 509 | | | | | | | | | | | | | | | | | | | | |
| 510 | | | **Finley Bioenergy Total** | | | | | | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** |
| 511 | | | | | | | | | | | | | | | | | | | | |
| 512 | | | Franklin County | 10183 | 97TX-10043 | 1466591 | PTP CONFIRMED | ORIGINAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 513 | | | | | | | | | | | | | | | | | | | | |
| 514 | | | | | | 1468490 | PTP CONFIRMED | ORIGINAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 515 | | | | | | | | | | | | | | | | | | | | |
| 516 | | | | | | 1469388 | PTP CONFIRMED | ORIGINAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 517 | | | | | | | | | | | | | | | | | | | | |
| 518 | | | | | | 1471445 | PTP CONFIRMED | REDIRECT | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 519 | | | | | | | | | | | | | | | | | | | | |
| 520 | | | | | | 1472430 | PTP CONFIRMED | REDIRECT | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 521 | | | | | | | | | | | | | | | | | | | | |
| 522 | | | | | | 1801660 | PTP CONFIRMED | ORIGINAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 523 | | | | | | | | | | | | | | | | | | | | |
| 524 | | | | | | 1801665 | PTP CONFIRMED | ORIGINAL | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 |
| 525 | | | | | | | | | | | | | | | | | | | | |
| 526 | | | | | | 1801670 | PTP CONFIRMED | ORIGINAL | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| 527 | | | | | | | | | | | | | | | | | | | | |
| 528 | | | | | | 1801675 | PTP CONFIRMED | ORIGINAL | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 |
| 529 | | | | | | | | | | | | | | | | | | | | |
| 530 | | | | | | 1801685 | PTP CONFIRMED | ORIGINAL | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| 531 | | | | | | | | | | | | | | | | | | | | |
| 532 | | | | | | 1801690 | PTP CONFIRMED | ORIGINAL | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 533 | | | | | | | | | | | | | | | | | | | | |
| 534 | | | | | | 1801695 | PTP CONFIRMED | ORIGINAL | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 535 | | | | | | | | | | | | | | | | | | | | |
| 536 | | | | | | 1801700 | PTP CONFIRMED | ORIGINAL | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 537 | | | | | | | | | | | | | | | | | | | | |
| 538 | | | | | | 1801705 | PTP CONFIRMED | ORIGINAL | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 539 | | | | | | | | | | | | | | | | | | | | |
| 540 | | | | | | 1801710 | PTP CONFIRMED | ORIGINAL | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| 541 | | | | | | | | | | | | | | | | | | | | |
| 542 | | | | | | 71630464 | PTP CONFIRMED | ORIGINAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 543 | | | | | | | | | | | | | | | | | | | | |
| 544 | | | **Franklin County Total** | | | | | | **193** | **193** | **193** | **193** | **193** | **193** | **193** | **193** | **193** | **193** | **193** | **193** |
| 545 | | | | | | | | | | | | | | | | | | | | |
| 546 | | | Fremont | 13303 | UNKNOWN | UNKNOWN | PTP SPECULATION | ORIGINAL | 0 | 0 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 547 | | | | | | | | | | | | | | | | | | | | |
| 548 | | | **Fremont Total** | | | | | | **0** | **0** | **4** | **4** | **4** | **4** | **4** | **4** | **4** | **4** | **4** | **4** |
| 549 | | | | | | | | | | | | | | | | | | | | |
| 550 | | | Grant | 10190 | 01TX-10679 | 74475223 | PTP CONFIRMED | RENEWAL | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 551 | | | | | | | | | | | | | | | | | | | | |
| 552 | | | **Grant Total** | | | | | | **12** | **12** | **12** | **12** | **12** | **12** | **12** | **12** | **12** | **12** | **12** | **12** |
| 553 | | | | | | | | | | | | | | | | | | | | |
| 554 | | | Grays Harbor | 10191 | 96MS-96083 | 1179595 | PTP CONFIRMED | ORIGINAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 555 | | | | | | | | | | | | | | | | | | | | |
| 556 | | | | | | 1800868 | PTP CONFIRMED | ORIGINAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 557 | | | | | | | | | | | | | | | | | | | | |
| 558 | | | | | | 1800869 | PTP CONFIRMED | ORIGINAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |

**Table 13.1**
**2018 Long-Term Transmission Demand**
**(MegaWatts)**

| REVENUE PRODUCT | COMPANY | CUST ID | CONTRACT | AREF | PRODUCT GROUP | TYPE | Oct-17 | Nov-17 | Dec-17 | Jan-18 | Feb-18 | Mar-18 | Apr-18 | May-18 | Jun-18 | Jul-18 | Aug-18 | Sep-18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 1800870 | PTP CONFIRMED | ORIGINAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | | | | 1800871 | PTP CONFIRMED | ORIGINAL | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| | | | | 1800872 | PTP CONFIRMED | ORIGINAL | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| | | | | 1800873 | PTP CONFIRMED | ORIGINAL | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| | | | | 1800874 | PTP CONFIRMED | ORIGINAL | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| | | | | 1800875 | PTP CONFIRMED | ORIGINAL | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 |
| | | | | 1800876 | PTP CONFIRMED | ORIGINAL | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 |
| | | | | 1800877 | PTP CONFIRMED | ORIGINAL | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 |
| | | | | 1801266 | PTP CONFIRMED | ORIGINAL | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| | | | | 1801468 | PTP CONFIRMED | ORIGINAL | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | | | | 71316632 | PTP CONFIRMED | REDIRECT | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | | | | 72080322 | PTP CONFIRMED | REDIRECT | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | | | 72080765 | PTP CONFIRMED | REDIRECT | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | **Grays Harbor Total** | | | | | | **284** | **284** | **284** | **284** | **284** | **284** | **284** | **284** | **284** | **284** | **284** | **284** |
| | Hermiston Power | 10199 | 98TX-10154 | 1801330 | PTP CONFIRMED | ORIGINAL | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 |
| | | | | 1801331 | PTP CONFIRMED | ORIGINAL | 308 | 308 | 308 | 308 | 308 | 308 | 308 | 308 | 308 | 308 | 308 | 308 |
| | **Hermiston Power Total** | | | | | | **536** | **536** | **536** | **536** | **536** | **536** | **536** | **536** | **536** | **536** | **536** | **536** |
| | Idaho Power Company | 10205 | 12TX-15618 | 77108132 | PTP No SCD CONFIRMED | ORIGINAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | | | 77108133 | PTP No SCD CONFIRMED | ORIGINAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | | | | 81816284 | PTP CONFIRMED | ORIGINAL | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 |
| | | | | 81816309 | PTP CONFIRMED | ORIGINAL | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | | 13TX-15768 | 77443011 | PTP CONFIRMED | ORIGINAL | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 77443034 | PTP CONFIRMED | ORIGINAL | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 77443090 | PTP CONFIRMED | ORIGINAL | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | **Idaho Power Company Total** | | | | | | **179** | **67** | **67** | **67** | **67** | **67** | **67** | **67** | **67** | **67** | **67** | **67** |
| | JC-B | 13140 | 13TX-15809 | 78685544 | PTP CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 81319697 | PTP CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | **JC-B Total** | | | | | | **2** | **2** | **2** | **2** | **2** | **2** | **2** | **2** | **2** | **2** | **2** | **2** |
| | Kaiser Alum WA | 12077 | 11TX-15371 | 77478544 | PTP CONFIRMED | ORIGINAL | 45 | 45 | 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 81418510 | PTP CONFIRMED | RENEWAL | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | | | | 83051799 | PTP CONFIRMED | ORIGINAL | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 83150116 | PTP CONFIRMED | RENEWAL | 0 | 0 | 0 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 |

**Table 13.1**
**2018 Long-Term Transmission Demand**
**(MegaWatts)**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | **REVENUE PRODUCT** | **COMPANY** | **CUST ID** | **CONTRACT** | **AREF** | **PRODUCT GROUP** | **TYPE** | **Oct-17** | **Nov-17** | **Dec-17** | **Jan-18** | **Feb-18** | **Mar-18** | **Apr-18** | **May-18** | **Jun-18** | **Jul-18** | **Aug-18** | **Sep-18** |
| 624 | | | | | | 83627764 | PTP SPECULATION | RENEWAL | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 625 | | | | | | | | | | | | | | | | | | | | |
| 626 | | | **Kaiser Alum WA Total** | | | | | | **55** | **55** | **55** | **55** | **55** | **55** | **55** | **55** | **55** | **55** | **55** | **55** |
| 627 | | | | | | | | | | | | | | | | | | | | |
| 628 | | | Klickitat | 10231 | 97TX-10038 | 79467143 | PTP CONFIRMED | ORIGINAL | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 629 | | | | | | | | | | | | | | | | | | | | |
| 630 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 631 | | | | | | | | | | | | | | | | | | | | |
| 632 | | | **Klickitat Total** | | | | | | **11** | **11** | **11** | **11** | **11** | **11** | **11** | **11** | **11** | **11** | **11** | **11** |
| 633 | | | | | | | | | | | | | | | | | | | | |
| 634 | | | LADWP | 10241 | 02TX-10944 | 78459737 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 635 | | | | | | | | | | | | | | | | | | | | |
| 636 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 637 | | | | | | | | | | | | | | | | | | | | |
| 638 | | | | | | 78459759 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 639 | | | | | | | | | | | | | | | | | | | | |
| 640 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 641 | | | | | | | | | | | | | | | | | | | | |
| 642 | | | | | | 78459765 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 643 | | | | | | | | | | | | | | | | | | | | |
| 644 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 645 | | | | | | | | | | | | | | | | | | | | |
| 646 | | | | | | 78459768 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 647 | | | | | | | | | | | | | | | | | | | | |
| 648 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 649 | | | | | | | | | | | | | | | | | | | | |
| 650 | | | | | | 78459775 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 651 | | | | | | | | | | | | | | | | | | | | |
| 652 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 653 | | | | | | | | | | | | | | | | | | | | |
| 654 | | | | | | 78459780 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 655 | | | | | | | | | | | | | | | | | | | | |
| 656 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 657 | | | | | | | | | | | | | | | | | | | | |
| 658 | | | | | | 80133002 | PTP CONFIRMED | RENEWAL | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 659 | | | | | | | | | | | | | | | | | | | | |
| 660 | | | | | | 80751162 | PTP CONFIRMED | ORIGINAL | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 661 | | | | | | | | | | | | | | | | | | | | |
| 662 | | | | | | 81406924 | PTP CONFIRMED | ORIGINAL | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| 663 | | | | | | | | | | | | | | | | | | | | |
| 664 | | | | | | 81406968 | PTP CONFIRMED | ORIGINAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 665 | | | | | | | | | | | | | | | | | | | | |
| 666 | | | | | | 81657606 | PTP CONFIRMED | ORIGINAL | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 |
| 667 | | | | | | | | | | | | | | | | | | | | |
| 668 | | | | | | 82360420 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 669 | | | | | | | | | | | | | | | | | | | | |
| 670 | | | **LADWP Total** | | | | | | **489** | **489** | **489** | **489** | **489** | **489** | **489** | **489** | **489** | **489** | **489** | **489** |
| 671 | | | | | | | | | | | | | | | | | | | | |
| 672 | | | Middle Fork | 10255 | 05TX-11927 | 1466103 | PTP CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 673 | | | | | | | | | | | | | | | | | | | | |
| 674 | | | | | | 1469988 | PTP CONFIRMED | ORIGINAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 675 | | | | | | | | | | | | | | | | | | | | |
| 676 | | | **Middle Fork Total** | | | | | | **4** | **4** | **4** | **4** | **4** | **4** | **4** | **4** | **4** | **4** | **4** | **4** |
| 677 | | | | | | | | | | | | | | | | | | | | |
| 678 | | | Northern Wasco | 10279 | 09TX-14164 | 79710722 | PTP CONFIRMED | ORIGINAL | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 679 | | | | | | | | | | | | | | | | | | | | |
| 680 | | | **Northern Wasco Total** | | | | | | **6** | **6** | **6** | **6** | **6** | **6** | **6** | **6** | **6** | **6** | **6** | **6** |
| 681 | | | | | | | | | | | | | | | | | | | | |
| 682 | | | Okanogan PUD | 10286 | 01TX-10686 | 81631205 | PTP CONFIRMED | RENEWAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 683 | | | | | | | | | | | | | | | | | | | | |
| 684 | | | | | | 81631211 | PTP CONFIRMED | RENEWAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 685 | | | | | | | | | | | | | | | | | | | | |
| 686 | | | | | | 81631214 | PTP CONFIRMED | RENEWAL | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| 687 | | | | | | | | | | | | | | | | | | | | |
| 688 | | | | | | 81631218 | PTP CONFIRMED | RENEWAL | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |

**Table 13.1**
**2018 Long-Term Transmission Demand**
**(MegaWatts)**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | **REVENUE PRODUCT** | **COMPANY** | **CUST ID** | **CONTRACT** | **AREF** | **PRODUCT GROUP** | **TYPE** | **Oct-17** | **Nov-17** | **Dec-17** | **Jan-18** | **Feb-18** | **Mar-18** | **Apr-18** | **May-18** | **Jun-18** | **Jul-18** | **Aug-18** | **Sep-18** |
| 689 | | | | | | | | | | | | | | | | | | | | |
| 690 | | | | | | 81631223 | PTP CONFIRMED | RENEWAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 691 | | | | | | | | | | | | | | | | | | | | |
| 692 | | | | | | 81631231 | PTP CONFIRMED | RENEWAL | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 693 | | | | | | | | | | | | | | | | | | | | |
| 694 | | | | | | 81631238 | PTP CONFIRMED | RENEWAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 695 | | | | | | | | | | | | | | | | | | | | |
| 696 | | | | | | 81631243 | PTP CONFIRMED | RENEWAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 697 | | | | | | | | | | | | | | | | | | | | |
| 698 | | | | | | 81631249 | PTP CONFIRMED | RENEWAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 699 | | | | | | | | | | | | | | | | | | | | |
| 700 | | | | | | 81631259 | PTP CONFIRMED | RENEWAL | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 701 | | | | | | | | | | | | | | | | | | | | |
| 702 | | | | | | 81631272 | PTP CONFIRMED | RENEWAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 703 | | | | | | | | | | | | | | | | | | | | |
| 704 | | | | | | 81631276 | PTP CONFIRMED | RENEWAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 705 | | | | | | | | | | | | | | | | | | | | |
| 706 | | | | | | 81631279 | PTP CONFIRMED | RENEWAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 707 | | | | | | | | | | | | | | | | | | | | |
| 708 | | | | | | 81631286 | PTP CONFIRMED | RENEWAL | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 709 | | | | | | | | | | | | | | | | | | | | |
| 710 | | | | | | 81631295 | PTP CONFIRMED | RENEWAL | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 711 | | | | | | | | | | | | | | | | | | | | |
| 712 | | | | | | 81631297 | PTP CONFIRMED | RENEWAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 713 | | | | | | | | | | | | | | | | | | | | |
| 714 | | | | | | 81631303 | PTP CONFIRMED | RENEWAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 715 | | | | | | | | | | | | | | | | | | | | |
| 716 | | | | | | 81631311 | PTP CONFIRMED | RENEWAL | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 717 | | | | | | | | | | | | | | | | | | | | |
| 718 | | | | | | 81631313 | PTP CONFIRMED | RENEWAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 719 | | | | | | | | | | | | | | | | | | | | |
| 720 | | | | | | 81631317 | PTP CONFIRMED | RENEWAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 721 | | | | | | | | | | | | | | | | | | | | |
| 722 | | | | | | 81631330 | PTP CONFIRMED | RENEWAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 723 | | | | | | | | | | | | | | | | | | | | |
| 724 | | | | | | 81631333 | PTP CONFIRMED | RENEWAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 725 | | | | | | | | | | | | | | | | | | | | |
| 726 | | | | | | 81631334 | PTP CONFIRMED | RENEWAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 727 | | | | | | | | | | | | | | | | | | | | |
| 728 | | | | | | 81631338 | PTP CONFIRMED | RENEWAL | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 729 | | | | | | | | | | | | | | | | | | | | |
| 730 | | | **Okanogan PUD Total** | | | | | | **115** | **115** | **115** | **115** | **115** | **115** | **115** | **115** | **115** | **115** | **115** | **115** |
| 731 | | | | | | | | | | | | | | | | | | | | |
| 732 | | | Orion Energy | 10816 | 03TX-11574 | 1413428 | PTP SPECULATION | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 200 | 200 |
| 733 | | | | | | | | | | | | | | | | | | | | |
| 734 | | | **Orion Energy Total** | | | | | | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **200** | **200** |
| 735 | | | | | | | | | | | | | | | | | | | | |
| 736 | | | Outback Solar | 11951 | 11TX-15513 | 77311998 | PTP CONFIRMED | REDIRECT | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 737 | | | | | | | | | | | | | | | | | | | | |
| 738 | | | | | | 84260609 | PTP CONFIRMED | RENEWAL | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 739 | | | | | | | | | | | | | | | | | | | | |
| 740 | | | **Outback Solar Total** | | | | | | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** |
| 741 | | | | | | | | | | | | | | | | | | | | |
| 742 | | | PAC | 10300 | 04TX-11722 | 72510734 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 743 | | | | | | | | | | | | | | | | | | | | |
| 744 | | | | | | 72513702 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 745 | | | | | | | | | | | | | | | | | | | | |
| 746 | | | | | | 72604325 | PTP CONFIRMED | REDIRECT | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| 747 | | | | | | | | | | | | | | | | | | | | |
| 748 | | | | | | 75397855 | PTP CONFIRMED | REDIRECT | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 749 | | | | | | | | | | | | | | | | | | | | |
| 750 | | | | | | 75503469 | PTP CONFIRMED | REDIRECT | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |
| 751 | | | | | | | | | | | | | | | | | | | | |
| 752 | | | | | | 75503471 | PTP CONFIRMED | REDIRECT | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 |
| 753 | | | | | | | | | | | | | | | | | | | | |

**Table 13.1**
**2018 Long-Term Transmission Demand**
**(MegaWatts)**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | REVENUE PRODUCT | COMPANY | CUST ID | CONTRACT | AREF | PRODUCT GROUP | TYPE | Oct-17 | Nov-17 | Dec-17 | Jan-18 | Feb-18 | Mar-18 | Apr-18 | May-18 | Jun-18 | Jul-18 | Aug-18 | Sep-18 |
| 754 | | | | | | 76970392 | PTP CONFIRMED | RENEWAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| 755 | | | | | | | | | | | | | | | | | | | | |
| 756 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 757 | | | | | | | | | | | | | | | | | | | | |
| 758 | | | | | | 77322753 | PTP CONFIRMED | RENEWAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 759 | | | | | | | | | | | | | | | | | | | | |
| 760 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 761 | | | | | | | | | | | | | | | | | | | | |
| 762 | | | | | | 77322823 | PTP CONFIRMED | RENEWAL | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 763 | | | | | | | | | | | | | | | | | | | | |
| 764 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 765 | | | | | | | | | | | | | | | | | | | | |
| 766 | | | | | | 77322834 | PTP CONFIRMED | RENEWAL | 76 | 76 | 76 | 76 | 76 | 76 | 76 | 76 | 76 | 76 | 76 | 76 |
| 767 | | | | | | | | | | | | | | | | | | | | |
| 768 | | | | | | 77424318 | PTP CONFIRMED | RENEWAL | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 |
| 769 | | | | | | | | | | | | | | | | | | | | |
| 770 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 771 | | | | | | | | | | | | | | | | | | | | |
| 772 | | | | | | 77424414 | PTP CONFIRMED | RENEWAL | 190 | 190 | 190 | 190 | 190 | 190 | 190 | 190 | 190 | 190 | 190 | 190 |
| 773 | | | | | | | | | | | | | | | | | | | | |
| 774 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 775 | | | | | | | | | | | | | | | | | | | | |
| 776 | | | | | | 77424479 | PTP CONFIRMED | RENEWAL | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| 777 | | | | | | | | | | | | | | | | | | | | |
| 778 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 779 | | | | | | | | | | | | | | | | | | | | |
| 780 | | | | | | 77520585 | PTP CONFIRMED | RENEWAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 781 | | | | | | | | | | | | | | | | | | | | |
| 782 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 783 | | | | | | | | | | | | | | | | | | | | |
| 784 | | | | | | 77810169 | PTP CONFIRMED | ORIGINAL | 35 | 35 | 35 | 35 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 785 | | | | | | | | | | | | | | | | | | | | |
| 786 | | | | | | 77810173 | PTP CONFIRMED | ORIGINAL | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 787 | | | | | | | | | | | | | | | | | | | | |
| 788 | | | | | | 78385466 | PTP CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 789 | | | | | | | | | | | | | | | | | | | | |
| 790 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 791 | | | | | | | | | | | | | | | | | | | | |
| 792 | | | | | | 78398821 | PTP CONFIRMED | RENEWAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 793 | | | | | | | | | | | | | | | | | | | | |
| 794 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 795 | | | | | | | | | | | | | | | | | | | | |
| 796 | | | | | | 78720215 | PTP CONFIRMED | RENEWAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 797 | | | | | | | | | | | | | | | | | | | | |
| 798 | | | | | | 78720311 | PTP CONFIRMED | RENEWAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 799 | | | | | | | | | | | | | | | | | | | | |
| 800 | | | | | | 78720424 | PTP CONFIRMED | RENEWAL | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| 801 | | | | | | | | | | | | | | | | | | | | |
| 802 | | | | | | 78720451 | PTP CONFIRMED | RENEWAL | 146 | 146 | 146 | 146 | 146 | 146 | 146 | 146 | 146 | 146 | 146 | 146 |
| 803 | | | | | | | | | | | | | | | | | | | | |
| 804 | | | | | | 78720471 | PTP CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 805 | | | | | | | | | | | | | | | | | | | | |
| 806 | | | | | | 78720493 | PTP CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 807 | | | | | | | | | | | | | | | | | | | | |
| 808 | | | | | | 78720629 | PTP CONFIRMED | RENEWAL | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 |
| 809 | | | | | | | | | | | | | | | | | | | | |
| 810 | | | | | | 78720634 | PTP CONFIRMED | RENEWAL | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| 811 | | | | | | | | | | | | | | | | | | | | |
| 812 | | | | | | 78720640 | PTP CONFIRMED | RENEWAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 813 | | | | | | | | | | | | | | | | | | | | |
| 814 | | | | | | 78721010 | PTP CONFIRMED | RENEWAL | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 |
| 815 | | | | | | | | | | | | | | | | | | | | |
| 816 | | | | | | 79131028 | PTP CONFIRMED | ORIGINAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 817 | | | | | | | | | | | | | | | | | | | | |
| 818 | | | | | | 79191207 | PTP CONFIRMED | REDIRECT | 56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**Table 13.1**
**2018 Long-Term Transmission Demand**
**(MegaWatts)**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | **REVENUE PRODUCT** | **COMPANY** | **CUST ID** | **CONTRACT** | **AREF** | **PRODUCT GROUP** | **TYPE** | **Oct-17** | **Nov-17** | **Dec-17** | **Jan-18** | **Feb-18** | **Mar-18** | **Apr-18** | **May-18** | **Jun-18** | **Jul-18** | **Aug-18** | **Sep-18** |
| 819 | | | | | | | | | | | | | | | | | | | | |
| 820 | | | | | | 79484622 | PTP CONFIRMED | ORIGINAL | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 821 | | | | | | | | | | | | | | | | | | | | |
| 822 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 823 | | | | | | | | | | | | | | | | | | | | |
| 824 | | | | | | 80207119 | PTP CONFIRMED | RENEWAL | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 |
| 825 | | | | | | | | | | | | | | | | | | | | |
| 826 | | | | | | 80207131 | PTP CONFIRMED | RENEWAL | 144 | 144 | 144 | 144 | 144 | 144 | 144 | 144 | 144 | 144 | 144 | 144 |
| 827 | | | | | | | | | | | | | | | | | | | | |
| 828 | | | | | | 80207146 | PTP CONFIRMED | RENEWAL | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 829 | | | | | | | | | | | | | | | | | | | | |
| 830 | | | | | | 80320003 | PTP CONFIRMED | REDIRECT | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 |
| 831 | | | | | | | | | | | | | | | | | | | | |
| 832 | | | | | | 80320010 | PTP CONFIRMED | REDIRECT | 420 | 420 | 420 | 420 | 420 | 420 | 420 | 420 | 420 | 420 | 420 | 420 |
| 833 | | | | | | | | | | | | | | | | | | | | |
| 834 | | | | | | 80544404 | PTP CONFIRMED | RENEWAL | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 |
| 835 | | | | | | | | | | | | | | | | | | | | |
| 836 | | | | | | 81157446 | PTP CONFIRMED | RENEWAL | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 |
| 837 | | | | | | | | | | | | | | | | | | | | |
| 838 | | | | | | 81157458 | PTP CONFIRMED | RENEWAL | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| 839 | | | | | | | | | | | | | | | | | | | | |
| 840 | | | | | | 81500823 | PTP CONFIRMED | ORIGINAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 841 | | | | | | | | | | | | | | | | | | | | |
| 842 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 843 | | | | | | | | | | | | | | | | | | | | |
| 844 | | | | | | 81539749 | PTP CONFIRMED | RENEWAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 845 | | | | | | | | | | | | | | | | | | | | |
| 846 | | | | | | 81544421 | PTP CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 847 | | | | | | | | | | | | | | | | | | | | |
| 848 | | | | | | 81749553 | PTP CONFIRMED | RECALL | -8 | -8 | -8 | -8 | -8 | -8 | -8 | -8 | -8 | -8 | -8 | -8 |
| 849 | | | | | | | | | | | | | | | | | | | | |
| 850 | | | | | | 81775769 | PTP CONFIRMED | RENEWAL | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| 851 | | | | | | | | | | | | | | | | | | | | |
| 852 | | | | | | 81829747 | PTP CONFIRMED | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 853 | | | | | | | | | | | | | | | | | | | | |
| 854 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 855 | | | | | | | | | | | | | | | | | | | | |
| 856 | | | | | | 81840100 | PTP CONFIRMED | RENEWAL | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| 857 | | | | | | | | | | | | | | | | | | | | |
| 858 | | | | | | 81990216 | PTP CONFIRMED | RENEWAL | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 |
| 859 | | | | | | | | | | | | | | | | | | | | |
| 860 | | | | | | 82278198 | PTP CONFIRMED | RENEWAL | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 |
| 861 | | | | | | | | | | | | | | | | | | | | |
| 862 | | | | | | 82471481 | PTP CONFIRMED | RENEWAL | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| 863 | | | | | | | | | | | | | | | | | | | | |
| 864 | | | | | | 82862773 | PTP CONFIRMED | RENEWAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 865 | | | | | | | | | | | | | | | | | | | | |
| 866 | | | | | | 82862793 | PTP CONFIRMED | RENEWAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 867 | | | | | | | | | | | | | | | | | | | | |
| 868 | | | | | | 82863350 | PTP CONFIRMED | RENEWAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 869 | | | | | | | | | | | | | | | | | | | | |
| 870 | | | | | | 82883466 | PTP CONFIRMED | ORIGINAL | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 |
| 871 | | | | | | | | | | | | | | | | | | | | |
| 872 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 873 | | | | | | | | | | | | | | | | | | | | |
| 874 | | | | | | 82890603 | PTP CONFIRMED | RECALL | -56 | -56 | -56 | -56 | -56 | -56 | -56 | -56 | -56 | -56 | -56 | -56 |
| 875 | | | | | | | | | | | | | | | | | | | | |
| 876 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 877 | | | | | | | | | | | | | | | | | | | | |
| 878 | | | | | | 83128930 | PTP CONFIRMED | ORIGINAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 879 | | | | | | | | | | | | | | | | | | | | |
| 880 | | | | | | 83128996 | PTP CONFIRMED | ORIGINAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 881 | | | | | | | | | | | | | | | | | | | | |
| 882 | | | | | | 83547085 | PTP CONFIRMED | RENEWAL | 0 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 |
| 883 | | | | | | | | | | | | | | | | | | | | |

**Table 13.1**
**2018 Long-Term Transmission Demand**
**(MegaWatts)**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | **REVENUE PRODUCT** | **COMPANY** | **CUST ID** | **CONTRACT** | **AREF** | **PRODUCT GROUP** | **TYPE** | **Oct-17** | **Nov-17** | **Dec-17** | **Jan-18** | **Feb-18** | **Mar-18** | **Apr-18** | **May-18** | **Jun-18** | **Jul-18** | **Aug-18** | **Sep-18** |
| 884 | | | | | | 83547195 | PTP CONFIRMED | RENEWAL | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 885 | | | | | | | | | | | | | | | | | | | | |
| 886 | | | | | | 84225058 | PTP CONFIRMED | RENEWAL | 0 | 0 | 0 | 0 | 0 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| 887 | | | | | | | | | | | | | | | | | | | | |
| 888 | | | **PAC Total** | | | | | | **3,267** | **3,267** | **3,267** | **3,267** | **3,267** | **3,267** | **3,267** | **3,267** | **3,267** | **3,267** | **3,267** | **3,267** |
| 889 | | | | | | | | | | | | | | | | | | | | |
| 890 | | | Patu Wind Farm | 11875 | 08TX-13657 | 74128031 | PTP CONFIRMED | REDIRECT | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 891 | | | | | | | | | | | | | | | | | | | | |
| 892 | | | **Patu Wind Farm Total** | | | | | | **10** | **10** | **10** | **10** | **10** | **10** | **10** | **10** | **10** | **10** | **10** | **10** |
| 893 | | | | | | | | | | | | | | | | | | | | |
| 894 | | | Pend Oreille | 10306 | 02TX-10875 | 82150954 | PTP CONFIRMED | ORIGINAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 895 | | | | | | | | | | | | | | | | | | | | |
| 896 | | | **Pend Oreille Total** | | | | | | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** |
| 897 | | | | | | | | | | | | | | | | | | | | |
| 898 | | | PGE | 10314 | 09TX-14507 | 78857909 | PTP CONFIRMED | DEFERRAL | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 |
| 899 | | | | | | | | | | | | | | | | | | | | |
| 900 | | | | | | 78858032 | PTP CONFIRMED | DEFERRAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 901 | | | | | | | | | | | | | | | | | | | | |
| 902 | | | | | | 79042182 | PTP CONFIRMED | RENEWAL | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |
| 903 | | | | | | | | | | | | | | | | | | | | |
| 904 | | | | | | 79042267 | PTP CONFIRMED | RENEWAL | 270 | 270 | 270 | 270 | 270 | 270 | 270 | 270 | 270 | 270 | 270 | 270 |
| 905 | | | | | | | | | | | | | | | | | | | | |
| 906 | | | | | | 79042492 | PTP CONFIRMED | RENEWAL | 531 | 531 | 531 | 531 | 531 | 531 | 531 | 531 | 531 | 531 | 531 | 531 |
| 907 | | | | | | | | | | | | | | | | | | | | |
| 908 | | | | | | 79058520 | PTP CONFIRMED | RENEWAL | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| 909 | | | | | | | | | | | | | | | | | | | | |
| 910 | | | | | | 79058581 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 911 | | | | | | | | | | | | | | | | | | | | |
| 912 | | | | | | 79058669 | PTP CONFIRMED | RENEWAL | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |
| 913 | | | | | | | | | | | | | | | | | | | | |
| 914 | | | | | | 79099382 | PTP CONFIRMED | RENEWAL | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 |
| 915 | | | | | | | | | | | | | | | | | | | | |
| 916 | | | | | | 79099396 | PTP CONFIRMED | RENEWAL | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 |
| 917 | | | | | | | | | | | | | | | | | | | | |
| 918 | | | | | | 79099468 | PTP CONFIRMED | RENEWAL | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 |
| 919 | | | | | | | | | | | | | | | | | | | | |
| 920 | | | | | | 79099506 | PTP CONFIRMED | RENEWAL | 169 | 169 | 169 | 169 | 169 | 169 | 169 | 169 | 169 | 169 | 169 | 169 |
| 921 | | | | | | | | | | | | | | | | | | | | |
| 922 | | | | | | 79099585 | PTP CONFIRMED | RENEWAL | 279 | 279 | 279 | 279 | 279 | 279 | 279 | 279 | 279 | 279 | 279 | 279 |
| 923 | | | | | | | | | | | | | | | | | | | | |
| 924 | | | | | | 79109702 | PTP CONFIRMED | RENEWAL | 131 | 131 | 131 | 131 | 131 | 131 | 131 | 131 | 131 | 131 | 131 | 131 |
| 925 | | | | | | | | | | | | | | | | | | | | |
| 926 | | | | | | 79294957 | PTP CONFIRMED | REDIRECT | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 927 | | | | | | | | | | | | | | | | | | | | |
| 928 | | | | | | 79295318 | PTP CONFIRMED | REDIRECT | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 929 | | | | | | | | | | | | | | | | | | | | |
| 930 | | | | | | 79593334 | PTP CONFIRMED | REDIRECT | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 931 | | | | | | | | | | | | | | | | | | | | |
| 932 | | | | | | 79593338 | PTP CONFIRMED | REDIRECT | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 933 | | | | | | | | | | | | | | | | | | | | |
| 934 | | | | | | 79734273 | PTP CONFIRMED | RENEWAL | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 |
| 935 | | | | | | | | | | | | | | | | | | | | |
| 936 | | | | | | 80394113 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 937 | | | | | | | | | | | | | | | | | | | | |
| 938 | | | | | | 80401925 | PTP CONFIRMED | ORIGINAL | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 939 | | | | | | | | | | | | | | | | | | | | |
| 940 | | | | | | 80401947 | PTP CONFIRMED | ORIGINAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 941 | | | | | | | | | | | | | | | | | | | | |
| 942 | | | | | | 80401970 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 943 | | | | | | | | | | | | | | | | | | | | |
| 944 | | | | | | 80402010 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 945 | | | | | | | | | | | | | | | | | | | | |
| 946 | | | | | | 80402046 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 947 | | | | | | | | | | | | | | | | | | | | |
| 948 | | | | | | 80402067 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |

**Table 13.1**
**2018 Long-Term Transmission Demand**
**(MegaWatts)**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | **REVENUE PRODUCT** | **COMPANY** | **CUST ID** | **CONTRACT** | **AREF** | **PRODUCT GROUP** | **TYPE** | **Oct-17** | **Nov-17** | **Dec-17** | **Jan-18** | **Feb-18** | **Mar-18** | **Apr-18** | **May-18** | **Jun-18** | **Jul-18** | **Aug-18** | **Sep-18** |
| 949 | | | | | | | | | | | | | | | | | | | | |
| 950 | | | | | | 80402081 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 951 | | | | | | | | | | | | | | | | | | | | |
| 952 | | | | | | 80402096 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 953 | | | | | | | | | | | | | | | | | | | | |
| 954 | | | | | | 80402109 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 955 | | | | | | | | | | | | | | | | | | | | |
| 956 | | | | | | 81460014 | PTP CONFIRMED | ORIGINAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 957 | | | | | | | | | | | | | | | | | | | | |
| 958 | | | | | | 81460326 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 959 | | | | | | | | | | | | | | | | | | | | |
| 960 | | | | | | 81460336 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 961 | | | | | | | | | | | | | | | | | | | | |
| 962 | | | | | | 81460381 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 963 | | | | | | | | | | | | | | | | | | | | |
| 964 | | | | | | 81460390 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 965 | | | | | | | | | | | | | | | | | | | | |
| 966 | | | | | | 81460394 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 967 | | | | | | | | | | | | | | | | | | | | |
| 968 | | | | | | 81460417 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 969 | | | | | | | | | | | | | | | | | | | | |
| 970 | | | | | | 81460428 | PTP CONFIRMED | ORIGINAL | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 971 | | | | | | | | | | | | | | | | | | | | |
| 972 | | | | | | 81460445 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 973 | | | | | | | | | | | | | | | | | | | | |
| 974 | | | | | | 81460466 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 975 | | | | | | | | | | | | | | | | | | | | |
| 976 | | | | | | 81800037 | PTP CONFIRMED | RECALL | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 |
| 977 | | | | | | | | | | | | | | | | | | | | |
| 978 | | | | | | 81800040 | PTP CONFIRMED | RECALL | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 |
| 979 | | | | | | | | | | | | | | | | | | | | |
| 980 | | | | | | 81800055 | PTP CONFIRMED | RECALL | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 |
| 981 | | | | | | | | | | | | | | | | | | | | |
| 982 | | | | | | 81800056 | PTP CONFIRMED | RECALL | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 |
| 983 | | | | | | | | | | | | | | | | | | | | |
| 984 | | | | | | 81809488 | PTP CONFIRMED | RECALL | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 |
| 985 | | | | | | | | | | | | | | | | | | | | |
| 986 | | | | | | 81809605 | PTP CONFIRMED | RECALL | -7 | -7 | -7 | -7 | -7 | -7 | -7 | -7 | -7 | -7 | -7 | -7 |
| 987 | | | | | | | | | | | | | | | | | | | | |
| 988 | | | | | | 81809609 | PTP CONFIRMED | RECALL | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 |
| 989 | | | | | | | | | | | | | | | | | | | | |
| 990 | | | | | | 81809611 | PTP CONFIRMED | RECALL | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 |
| 991 | | | | | | | | | | | | | | | | | | | | |
| 992 | | | | | | 81809614 | PTP CONFIRMED | RECALL | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 |
| 993 | | | | | | | | | | | | | | | | | | | | |
| 994 | | | | | | 81809615 | PTP CONFIRMED | RECALL | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 |
| 995 | | | | | | | | | | | | | | | | | | | | |
| 996 | | | | | | 81827800 | PTP CONFIRMED | DEFERRAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 997 | | | | | | | | | | | | | | | | | | | | |
| 998 | | | | | | 81827802 | PTP CONFIRMED | DEFERRAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 999 | | | | | | | | | | | | | | | | | | | | |
| 1000 | | | | | | 81827805 | PTP CONFIRMED | DEFERRAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 1001 | | | | | | | | | | | | | | | | | | | | |
| 1002 | | | | | | 81827807 | PTP CONFIRMED | DEFERRAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 1003 | | | | | | | | | | | | | | | | | | | | |
| 1004 | | | | | | 81827809 | PTP CONFIRMED | DEFERRAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 1005 | | | | | | | | | | | | | | | | | | | | |
| 1006 | | | | | | 81827810 | PTP CONFIRMED | DEFERRAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 1007 | | | | | | | | | | | | | | | | | | | | |
| 1008 | | | | | | 81916989 | PTP CONFIRMED | DEFERRAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 1009 | | | | | | | | | | | | | | | | | | | | |
| 1010 | | | | | | 82427900 | PTP CONFIRMED | DEFERRAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1011 | | | | | | | | | | | | | | | | | | | | |
| 1012 | | | | | | 82428263 | PTP CONFIRMED | DEFERRAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1013 | | | | | | | | | | | | | | | | | | | | |

**Table 13.1**
**2018 Long-Term Transmission Demand**
**(MegaWatts)**

| REVENUE PRODUCT | COMPANY | CUST ID | CONTRACT | AREF | PRODUCT GROUP | TYPE | Oct-17 | Nov-17 | Dec-17 | Jan-18 | Feb-18 | Mar-18 | Apr-18 | May-18 | Jun-18 | Jul-18 | Aug-18 | Sep-18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 82428277 | PTP CONFIRMED | DEFERRAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 83662087 | PTP CONFIRMED | DEFERRAL | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 83691646 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | **PGE Total** | | | | | | **3,860** | **3,860** | **3,860** | **3,960** | **3,960** | **3,960** | **3,960** | **3,960** | **3,960** | **3,960** | **3,960** | **3,960** |
| | PNGC | 10298 | 15TX-16091 | 80767518 | PTP CONFIRMED | ORIGINAL | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | | | | UNKNOWN | PTP SPECULATION | ORIGINAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | **PNGC Total** | | | | | | **9** | **9** | **9** | **9** | **9** | **9** | **9** | **9** | **9** | **9** | **9** | **9** |
| | POTB | 13227 | 13TX-15849 | 78391247 | PTP CONFIRMED | DEFERRAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | **POTB Total** | | | | | | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** |
| | Powerex | 10037 | 96MS-96084 | 1465922 | PTP CONFIRMED | ORIGINAL | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 |
| | | | 99TX-10251 | 74490405 | PTP CONFIRMED | RENEWAL | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | | | | 77478534 | PTP CONFIRMED | ORIGINAL | 80 | 80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 77821635 | PTP CONFIRMED | RENEWAL | 125 | 125 | 125 | 125 | 125 | 125 | 125 | 125 | 125 | 125 | 125 | 125 |
| | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 77821638 | PTP CONFIRMED | RENEWAL | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 80180555 | PTP CONFIRMED | RENEWAL | 348 | 348 | 348 | 348 | 348 | 348 | 348 | 348 | 348 | 348 | 348 | 348 |
| | | | | 81283440 | PTP CONFIRMED | ORIGINAL | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | | | | 81535746 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 81704974 | PTP CONFIRMED | RENEWAL | 193 | 193 | 193 | 193 | 193 | 193 | 193 | 193 | 193 | 193 | 193 | 193 |
| | | | | 81954831 | PTP CONFIRMED | ORIGINAL | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 0 | 0 | 0 | 0 | 0 |
| | | | | 82154503 | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 41 | 41 | 41 | 41 |
| | | | | 83427363 | PTP CONFIRMED | RENEWAL | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 |
| | | | | 83824486 | PTP CONFIRMED | RENEWAL | 0 | 0 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| | **Powerex Total** | | | | | | **1,315** | **1,315** | **1,315** | **1,315** | **1,315** | **1,315** | **1,315** | **1,315** | **1,315** | **1,315** | **1,315** | **1,315** |
| | Puget | 10325 | 06TX-12195 | 1471793 | PTP CONFIRMED | REDIRECT | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 1471795 | PTP CONFIRMED | REDIRECT | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 1471797 | PTP CONFIRMED | REDIRECT | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 1471799 | PTP CONFIRMED | REDIRECT | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 1471801 | PTP CONFIRMED | REDIRECT | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 1471803 | PTP CONFIRMED | REDIRECT | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 1473142 | PTP CONFIRMED | REDIRECT | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |
| | | | | 71365495 | PTP CONFIRMED | RENEWAL | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |

**Table 13.1**
**2018 Long-Term Transmission Demand**
**(MegaWatts)**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | **REVENUE PRODUCT** | **COMPANY** | **CUST ID** | **CONTRACT** | **AREF** | **PRODUCT GROUP** | **TYPE** | **Oct-17** | **Nov-17** | **Dec-17** | **Jan-18** | **Feb-18** | **Mar-18** | **Apr-18** | **May-18** | **Jun-18** | **Jul-18** | **Aug-18** | **Sep-18** |
| 1079 | | | | | | | | | | | | | | | | | | | | |
| 1080 | | | | | | 71984715 | PTP CONFIRMED | REDIRECT | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1081 | | | | | | | | | | | | | | | | | | | | |
| 1082 | | | | | | 72706601 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1083 | | | | | | | | | | | | | | | | | | | | |
| 1084 | | | | | | 72706605 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1085 | | | | | | | | | | | | | | | | | | | | |
| 1086 | | | | | | 72706606 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 1087 | | | | | | | | | | | | | | | | | | | | |
| 1088 | | | | | | 72706608 | PTP CONFIRMED | ORIGINAL | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 |
| 1089 | | | | | | | | | | | | | | | | | | | | |
| 1090 | | | | | | 72813104 | PTP CONFIRMED | ORIGINAL | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1091 | | | | | | | | | | | | | | | | | | | | |
| 1092 | | | | | | 73395728 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 1093 | | | | | | | | | | | | | | | | | | | | |
| 1094 | | | | | | 76213391 | PTP CONFIRMED | REDIRECT | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 1095 | | | | | | | | | | | | | | | | | | | | |
| 1096 | | | | | | 76213396 | PTP CONFIRMED | REDIRECT | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 1097 | | | | | | | | | | | | | | | | | | | | |
| 1098 | | | | | | 76213399 | PTP CONFIRMED | REDIRECT | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 1099 | | | | | | | | | | | | | | | | | | | | |
| 1100 | | | | | | 76213403 | PTP CONFIRMED | REDIRECT | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 1101 | | | | | | | | | | | | | | | | | | | | |
| 1102 | | | | | | 76213405 | PTP CONFIRMED | REDIRECT | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 1103 | | | | | | | | | | | | | | | | | | | | |
| 1104 | | | | | | 76213407 | PTP CONFIRMED | REDIRECT | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 1105 | | | | | | | | | | | | | | | | | | | | |
| 1106 | | | | | | 77286223 | PTP CONFIRMED | RENEWAL | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1107 | | | | | | | | | | | | | | | | | | | | |
| 1108 | | | | | | 77286231 | PTP CONFIRMED | RENEWAL | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1109 | | | | | | | | | | | | | | | | | | | | |
| 1110 | | | | | | 77286242 | PTP CONFIRMED | RENEWAL | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1111 | | | | | | | | | | | | | | | | | | | | |
| 1112 | | | | | | 77286250 | PTP CONFIRMED | RENEWAL | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1113 | | | | | | | | | | | | | | | | | | | | |
| 1114 | | | | | | 77565922 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 1115 | | | | | | | | | | | | | | | | | | | | |
| 1116 | | | | | | 77565931 | PTP CONFIRMED | ORIGINAL | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| 1117 | | | | | | | | | | | | | | | | | | | | |
| 1118 | | | | | | 77855235 | PTP CONFIRMED | REDIRECT | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1119 | | | | | | | | | | | | | | | | | | | | |
| 1120 | | | | | | 77913795 | PTP CONFIRMED | RENEWAL | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| 1121 | | | | | | | | | | | | | | | | | | | | |
| 1122 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1123 | | | | | | | | | | | | | | | | | | | | |
| 1124 | | | | | | 77913798 | PTP CONFIRMED | RENEWAL | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 |
| 1125 | | | | | | | | | | | | | | | | | | | | |
| 1126 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1127 | | | | | | | | | | | | | | | | | | | | |
| 1128 | | | | | | 78262265 | PTP CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1129 | | | | | | | | | | | | | | | | | | | | |
| 1130 | | | | | | 78510643 | PTP CONFIRMED | RENEWAL | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 |
| 1131 | | | | | | | | | | | | | | | | | | | | |
| 1132 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1133 | | | | | | | | | | | | | | | | | | | | |
| 1134 | | | | | | 78510669 | PTP CONFIRMED | ORIGINAL | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 |
| 1135 | | | | | | | | | | | | | | | | | | | | |
| 1136 | | | | | | 78510701 | PTP CONFIRMED | RENEWAL | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 |
| 1137 | | | | | | | | | | | | | | | | | | | | |
| 1138 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1139 | | | | | | | | | | | | | | | | | | | | |
| 1140 | | | | | | 78510722 | PTP CONFIRMED | RENEWAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1141 | | | | | | | | | | | | | | | | | | | | |
| 1142 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1143 | | | | | | | | | | | | | | | | | | | | |

**Table 13.1**
**2018 Long-Term Transmission Demand**
**(MegaWatts)**

| REVENUE PRODUCT | COMPANY | CUST ID | CONTRACT | AREF | PRODUCT GROUP | TYPE | Oct-17 | Nov-17 | Dec-17 | Jan-18 | Feb-18 | Mar-18 | Apr-18 | May-18 | Jun-18 | Jul-18 | Aug-18 | Sep-18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 78527159 | PTP CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 78527166 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 78527170 | PTP CONFIRMED | RENEWAL | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 78527177 | PTP CONFIRMED | RENEWAL | 263 | 263 | 263 | 263 | 263 | 263 | 263 | 263 | 263 | 263 | 263 | 263 |
| | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 78527185 | PTP CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 78527191 | PTP CONFIRMED | RENEWAL | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 |
| | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 78859254 | PTP CONFIRMED | RENEWAL | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| | | | | 78859265 | PTP CONFIRMED | RENEWAL | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| | | | | 78859267 | PTP CONFIRMED | RENEWAL | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| | | | | 78859275 | PTP CONFIRMED | RENEWAL | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | | | | 78859281 | PTP CONFIRMED | RENEWAL | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 |
| | | | | 78859285 | PTP CONFIRMED | RENEWAL | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 |
| | | | | 78859287 | PTP CONFIRMED | RENEWAL | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 |
| | | | | 78859293 | PTP CONFIRMED | RENEWAL | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 |
| | | | | 78859294 | PTP CONFIRMED | RENEWAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | | | 78859296 | PTP CONFIRMED | RENEWAL | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| | | | | 78859299 | PTP CONFIRMED | RENEWAL | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | | | | 78903869 | PTP CONFIRMED | RENEWAL | 169 | 169 | 169 | 169 | 169 | 169 | 169 | 169 | 169 | 169 | 169 | 169 |
| | | | | 80518661 | PTP CONFIRMED | RENEWAL | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | | | | 80701818 | PTP CONFIRMED | ORIGINAL | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 |
| | | | | 80855662 | PTP CONFIRMED | RENEWAL | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| | | | | 81233853 | PTP CONFIRMED | RENEWAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | | | | 81506896 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 81506901 | PTP CONFIRMED | ORIGINAL | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| | | | | **81687654** | **PTP CONFIRMED** | **RENEWAL** | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 81687662 | PTP CONFIRMED | RENEWAL | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 |
| | | | | 81964408 | PTP CONFIRMED | RECALL | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 |

**Table 13.1**
**2018 Long-Term Transmission Demand**
**(MegaWatts)**

| REVENUE PRODUCT | COMPANY | CUST ID | CONTRACT | AREF | PRODUCT GROUP | TYPE | Oct-17 | Nov-17 | Dec-17 | Jan-18 | Feb-18 | Mar-18 | Apr-18 | May-18 | Jun-18 | Jul-18 | Aug-18 | Sep-18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 81964411 | PTP CONFIRMED | RECALL | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 |
| | | | | 82996241 | PTP SPECULATION | ORIGINAL | 0 | 0 | 0 | 0 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| | | | | 82997493 | PTP SPECULATION | ORIGINAL | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| | | | | 83397766 | PTP CONFIRMED | ORIGINAL | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| | | | | 83644714 | PTP CONFIRMED | RENEWAL | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 83644720 | PTP CONFIRMED | RENEWAL | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 83644735 | PTP CONFIRMED | RENEWAL | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 83644748 | PTP CONFIRMED | RENEWAL | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | **Puget Total** | | | | | | **4,384** | **4,384** | **4,384** | **4,384** | **4,404** | **4,404** | **4,404** | **4,404** | **4,404** | **4,404** | **4,404** | **4,404** |
| | Raft River Energy | 11756 | 07TX-12449 | 1471160 | PTP No SCD CONFIRMED | ORIGINAL | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | **Raft River Energy Total** | | | | | | **12** | **12** | **12** | **12** | **12** | **12** | **12** | **12** | **12** | **12** | **12** | **12** |
| | Sagebrush Power | 10874 | 11TX-15454 | 80073937 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | **Sagebrush Power Total** | | | | | | **50** | **50** | **50** | **50** | **50** | **50** | **50** | **50** | **50** | **50** | **50** | **50** |
| | SC Edison | 10361 | 10TX-14641 | 75978147 | PTP CONFIRMED | ORIGINAL | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| | | | | 75978181 | PTP CONFIRMED | ORIGINAL | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| | | | | 75978191 | PTP CONFIRMED | ORIGINAL | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 |
| | | | | 75978193 | PTP CONFIRMED | ORIGINAL | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 |
| | | | | 76252286 | PTP CONFIRMED | ORIGINAL | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 |
| | | | | 76252295 | PTP CONFIRMED | ORIGINAL | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 |
| | | | | 76252305 | PTP CONFIRMED | ORIGINAL | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 |
| | | | | 76252310 | PTP CONFIRMED | ORIGINAL | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 |
| | | | | 76252318 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | **SC Edison Total** | | | | | | **724** | **724** | **724** | **724** | **724** | **724** | **724** | **724** | **724** | **724** | **724** | **724** |
| | Seattle | 10349 | 96MS-96018 | 1800082 | PTP CONFIRMED | ORIGINAL | 1,023 | 1,023 | 1,023 | 1,023 | 1,023 | 1,023 | 1,023 | 1,023 | 1,023 | 1,023 | 1,023 | 1,023 |
| | | | | 1800521 | PTP CONFIRMED | ORIGINAL | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| | | | | 1800522 | PTP CONFIRMED | ORIGINAL | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| | | | | 1800523 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 1800524 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 1800525 | PTP CONFIRMED | ORIGINAL | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 |
| | | | | 1800526 | PTP CONFIRMED | ORIGINAL | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 |
| | | | | 1800527 | PTP CONFIRMED | ORIGINAL | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |

**Table 13.1**
**2018 Long-Term Transmission Demand**
**(MegaWatts)**

| REVENUE PRODUCT | COMPANY | CUST ID | CONTRACT | AREF | PRODUCT GROUP | TYPE | Oct-17 | Nov-17 | Dec-17 | Jan-18 | Feb-18 | Mar-18 | Apr-18 | May-18 | Jun-18 | Jul-18 | Aug-18 | Sep-18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 1800528 | PTP CONFIRMED | ORIGINAL | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 |
| | | | | 1800529 | PTP CONFIRMED | ORIGINAL | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 |
| | | | | 1800530 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 1800531 | PTP CONFIRMED | ORIGINAL | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 |
| | | | | 1801314 | PTP CONFIRMED | ORIGINAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | | | 1801315 | PTP CONFIRMED | ORIGINAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | | | 1801316 | PTP CONFIRMED | ORIGINAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | | | | 1801356 | PTP CONFIRMED | ORIGINAL | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| | | | | 1801399 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 1801474 | PTP CONFIRMED | ORIGINAL | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | | | | 1801824 | PTP CONFIRMED | ORIGINAL | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 |
| | | | | 71852108 | PTP CONFIRMED | ORIGINAL | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 |
| | | | | 73833947 | PTP CONFIRMED | REDIRECT | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | | | | 82828949 | PTP CONFIRMED | REDIRECT | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | **Seattle Total** | | | | | | **1,976** | **1,976** | **1,976** | **1,976** | **1,976** | **1,976** | **1,976** | **1,976** | **1,976** | **1,976** | **1,976** | **1,976** |
| | Shell Energy | 10122 | 00TX-10286 | 81796626 | PTP CONFIRMED | ORIGINAL | 125 | 125 | 125 | 125 | 125 | 125 | 125 | 125 | 125 | 125 | 125 | 125 |
| | **Shell Energy Total** | | | | | | **125** | **125** | **125** | **125** | **125** | **125** | **125** | **125** | **125** | **125** | **125** | **125** |
| | Shiloh Warm Springs | 13742 | 15TX-16087 | 81574081 | PTP No SCD CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | **Shiloh Warm Springs Total** | | | | | | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** |
| | SMUD | 10341 | 02TX-11128 | 77703370 | PTP CONFIRMED | DEFERRAL | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 79132005 | PTP CONFIRMED | DEFERRAL | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| | | | | 80652459 | PTP CONFIRMED | RECALL | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 |
| | | | | 81832205 | PTP CONFIRMED | DEFERRAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | **SMUD Total** | | | | | | **60** | **60** | **60** | **60** | **60** | **60** | **60** | **60** | **60** | **60** | **60** | **60** |
| | Snohomish | 10354 | 96MS-96092 | 1800028 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 1800080 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 1801078 | PTP CONFIRMED | ORIGINAL | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| | | | | 1801079 | PTP CONFIRMED | ORIGINAL | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 |
| | | | | 1801080 | PTP CONFIRMED | ORIGINAL | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 |
| | | | | 1801081 | PTP CONFIRMED | ORIGINAL | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 |
| | | | | 1801082 | PTP CONFIRMED | ORIGINAL | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 |
| | | | | 1801083 | PTP CONFIRMED | ORIGINAL | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 |

**Table 13.1**
**2018 Long-Term Transmission Demand**
**(MegaWatts)**

| REVENUE PRODUCT | COMPANY | CUST ID | CONTRACT | AREF | PRODUCT GROUP | TYPE | Oct-17 | Nov-17 | Dec-17 | Jan-18 | Feb-18 | Mar-18 | Apr-18 | May-18 | Jun-18 | Jul-18 | Aug-18 | Sep-18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 1801084 | PTP CONFIRMED | ORIGINAL | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 |
| | | | | 1801085 | PTP CONFIRMED | ORIGINAL | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 |
| | | | | 1801086 | PTP CONFIRMED | ORIGINAL | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 |
| | | | | 1801087 | PTP CONFIRMED | ORIGINAL | 247 | 247 | 247 | 247 | 247 | 247 | 247 | 247 | 247 | 247 | 247 | 247 |
| | | | | 1801163 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 1801362 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 1801500 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 1801823 | PTP CONFIRMED | ORIGINAL | 131 | 131 | 131 | 131 | 131 | 131 | 131 | 131 | 131 | 131 | 131 | 131 |
| | | | | 72150853 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 72150855 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 72150858 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 72150862 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 72150867 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 72150874 | PTP CONFIRMED | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 25 | 25 | 25 | 25 |
| | | | | 72150881 | PTP CONFIRMED | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 50 | 50 | 50 | 50 |
| | | | | 72436399 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 72436437 | PTP CONFIRMED | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 25 | 25 | 25 | 25 |
| | | | | 72566153 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 72566175 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 72566200 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 72673396 | PTP CONFIRMED | RECALL | -75 | -75 | -75 | -75 | -75 | -75 | -75 | -75 | -75 | -75 | -75 | -75 |
| | | | | 73240347 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 73240353 | PTP CONFIRMED | ORIGINAL | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 |
| | **Snohomish Total** | | | | | | **1,969** | **1,969** | **1,969** | **1,969** | **1,969** | **1,969** | **1,969** | **2,069** | **2,069** | **2,069** | **2,069** | **2,069** |
| | Tacoma Power | 10370 | 98TX-10103 | 1472937 | PTP CONFIRMED | ORIGINAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | | | 1800542 | PTP CONFIRMED | ORIGINAL | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| | | | | 1800543 | PTP CONFIRMED | ORIGINAL | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| | | | | 1800544 | PTP CONFIRMED | ORIGINAL | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| | | | | 1800545 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 1800546 | PTP CONFIRMED | ORIGINAL | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 |
| | | | | 1800547 | PTP CONFIRMED | ORIGINAL | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 |
| | | | | 1800548 | PTP CONFIRMED | ORIGINAL | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |

**Table 13.1**
**2018 Long-Term Transmission Demand**
**(MegaWatts)**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | **REVENUE PRODUCT** | **COMPANY** | **CUST ID** | **CONTRACT** | **AREF** | **PRODUCT GROUP** | **TYPE** | **Oct-17** | **Nov-17** | **Dec-17** | **Jan-18** | **Feb-18** | **Mar-18** | **Apr-18** | **May-18** | **Jun-18** | **Jul-18** | **Aug-18** | **Sep-18** |
| 1404 | | | | | | 1800550 | PTP CONFIRMED | ORIGINAL | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 |
| 1406 | | | | | | 1800551 | PTP CONFIRMED | ORIGINAL | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| 1408 | | | | | | 1800565 | PTP CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1410 | | | | | | 1800566 | PTP CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1412 | | | | | | 1800567 | PTP CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1414 | | | | | | 1800568 | PTP CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1416 | | | | | | 1800569 | PTP CONFIRMED | ORIGINAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1418 | | | | | | 1800570 | PTP CONFIRMED | ORIGINAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1420 | | | | | | 1800571 | PTP CONFIRMED | ORIGINAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1422 | | | | | | 1800572 | PTP CONFIRMED | ORIGINAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1424 | | | | | | 1800573 | PTP CONFIRMED | ORIGINAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1426 | | | | | | 1800574 | PTP CONFIRMED | ORIGINAL | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1428 | | | | | | 1801317 | PTP CONFIRMED | ORIGINAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1430 | | | | | | 1801318 | PTP CONFIRMED | ORIGINAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1432 | | | | | | 1801319 | PTP CONFIRMED | ORIGINAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1434 | | | | | | 1801501 | PTP CONFIRMED | ORIGINAL | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 1436 | | | | | | 75108338 | PTP CONFIRMED | ORIGINAL | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 |
| 1438 | | | | | | 75108469 | PTP CONFIRMED | ORIGINAL | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 |
| 1440 | | | | | | 80062905 | PTP CONFIRMED | REDIRECT | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 |
| 1442 | | | | | | 80062909 | PTP CONFIRMED | REDIRECT | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1444 | | | | | | 80062920 | PTP CONFIRMED | REDIRECT | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1446 | | | | | | 80062924 | PTP CONFIRMED | REDIRECT | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 |
| 1448 | | | **Tacoma Power Total** | | | | | | **801** | **801** | **801** | **801** | **801** | **801** | **801** | **801** | **801** | **801** | **801** | **801** |
| 1450 | | | Talen Energy | 11831 | 08TX-13030 | 72408392 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 1452 | | | | | | 73063071 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 1454 | | | **Talen Energy Total** | | | | | | **100** | **100** | **100** | **100** | **100** | **100** | **100** | **100** | **100** | **100** | **100** | **100** |
| 1456 | | | TEMUS | 10381 | 98TX-10172 | 80942698 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 1458 | | | | | | 80942699 | PTP CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1460 | | | **TEMUS Total** | | | | | | **150** | **150** | **150** | **150** | **150** | **150** | **150** | **150** | **150** | **150** | **150** | **150** |
| 1462 | | | Turlock Irrigation | 10386 | 00TX-10344 | 422176 | PTP SPECULATION | CONVERSION | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1464 | | | | | | 77517818 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 1466 | | | | | | 77517830 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 1468 | | | **Turlock Irrigation Total** | | | | | | **100** | **100** | **100** | **100** | **100** | **100** | **100** | **100** | **100** | **100** | **100** | **100** |

**Table 13.1**
**2018 Long-Term Transmission Demand**
**(MegaWatts)**

| 1 | REVENUE PRODUCT | COMPANY | CUST ID | CONTRACT | AREF | PRODUCT GROUP | TYPE | Oct-17 | Nov-17 | Dec-17 | Jan-18 | Feb-18 | Mar-18 | Apr-18 | May-18 | Jun-18 | Jul-18 | Aug-18 | Sep-18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1470 | | UAMPS | 10427 | 11TX-15512 | 77309382 | PTP No SCD SPECULATION | RENEWAL | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 |
| 1472 | | **UAMPS Total** | | | | | | **53** | **53** | **53** | **53** | **53** | **53** | **53** | **53** | **53** | **53** | **53** | **53** |
| 1474 | | Unk | 0 | UNKNOWN | 82879096 | PTP SPECULATION | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1476 | | | | | 82879370 | PTP SPECULATION | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1478 | | | | | 82879379 | PTP SPECULATION | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1480 | | | | | 82879391 | PTP SPECULATION | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1482 | | | | | 82879403 | PTP SPECULATION | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1484 | | | | | 82879484 | PTP SPECULATION | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1486 | | | | | 82879501 | PTP SPECULATION | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1488 | | | | | 82879715 | PTP SPECULATION | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1490 | | | | | 82879728 | PTP SPECULATION | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1492 | | | | | 82879804 | PTP SPECULATION | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1494 | | | | | UNKNOWN | PTP SPECULATION | ORIGINAL | 0 | 0 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1496 | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1498 | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1500 | | **Unk Total** | | | | | | **0** | **0** | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** |
| 1502 | | Wheat Field Wind | 11868 | 08TX-13610 | 72458260 | PTP CONFIRMED | ORIGINAL | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 |
| 1504 | | **Wheat Field Wind Total** | | | | | | **97** | **97** | **97** | **97** | **97** | **97** | **97** | **97** | **97** | **97** | **97** | **97** |
| 1506 | **PTP Network Total** | | | | | | | **25,796** | **25,684** | **25,696** | **25,796** | **25,816** | **25,816** | **25,816** | **25,916** | **25,916** | **25,916** | **26,116** | **26,116** |

**Table 13.2**
**2019 Long-Term Transmission Demand**
**(MegaWatts)**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | **REVENUE PRODUCT** | **COMPANY** | **CUST ID** | **CONTRACT** | **AREF** | **PRODUCT GROUP** | **TYPE** | **Oct-18** | **Nov-18** | **Dec-18** | **Jan-19** | **Feb-19** | **Mar-19** | **Apr-19** | **May-19** | **Jun-19** | **Jul-19** | **Aug-19** | **Sep-19** |
| 2 | | **IR Contract** | Puget | 14-03-45241 | 14-03-45241 | 1801608 | IR | Legacy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | | | **Puget Total** | | | | | | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| 6 | | **IR Contract Total** | | | | | | | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| 8 | | **FPT One-Year** | Douglas | 10135 | DE-MS79-80BP90066 | | FPT 1Yr Long Term Firm | Legacy | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 10 | | | **Douglas Total** | | | | | | **2** | **2** | **2** | **2** | **2** | **2** | **2** | **2** | **2** | **2** | **2** | **2** |
| 12 | | | PAC | 10300 | DE-MS79-94BP94280 | 422032 | FPT 1Yr Long Term Firm | Legacy | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| 14 | | | | | DE-MS79-94BP94333 | 1801200 | FPT 1Yr Long Term Firm | Legacy | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| 16 | | | | | | 1801201 | FPT 1Yr Long Term Firm | Legacy | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| 18 | | | | | | 1801202 | FPT 1Yr Long Term Firm | Legacy | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 |
| 20 | | | | | | 1801203 | FPT 1Yr Long Term Firm | Legacy | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 |
| 22 | | | | | | 1801397 | FPT 1Yr Long Term Firm | Legacy | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 |
| 24 | | | | | | 1801398 | FPT 1Yr Long Term Firm | Legacy | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 |
| 26 | | | **PAC Total** | | | | | | **800** | **800** | **800** | **800** | **800** | **800** | **800** | **800** | **800** | **800** | **800** | **800** |
| 28 | | | Turlock Irrigation | 10386 | DE-MS79-95BP94151 | 422176 | FPT 1Yr Long Term Firm | Legacy | 50 | 50 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | | | **Turlock Irrigation Total** | | | | | | **50** | **50** | **50** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| 32 | | | Avista | 10016 | DE-MS79-85BP92186 | 453495 | WNP-3 Settlement Tx Charge | Legacy | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 0 | 0 | 0 |
| 34 | | | **Avista Total** | | | | | | **32** | **32** | **32** | **32** | **32** | **32** | **32** | **32** | **32** | **0** | **0** | **0** |
| 36 | | **FPT 1Yr Long Term Firm Total** | | | | | | | **885** | **885** | **885** | **835** | **835** | **835** | **835** | **835** | **835** | **802** | **802** | **802** |
| 38 | | **FPT Three-Year** | PAC | 10300 | 14-03-14612 | 1801204/5 | FPT 3Yr Long Term Firm | | 58 | 68 | 77 | 73 | 66 | 66 | 60 | 56 | 50 | 56 | 56 | 55 |
| 40 | | | **PAC Total** | | | | | | **58** | **68** | **77** | **73** | **66** | **66** | **60** | **56** | **50** | **56** | **56** | **55** |
| 42 | | **FPT 3Yr Long Term Firm Total** | | | | | | | **58** | **68** | **77** | **73** | **66** | **66** | **60** | **56** | **50** | **56** | **56** | **55** |
| 44 | | **Montana Intertie** | PAC | 10300 | 04TX-11722 | 76116412 | IM CONFIRMED | REDIRECT | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 46 | | | | | | 77400411 | IM CONFIRMED | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 48 | | | | | | | IM SPECULATION | RENEWAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 50 | | | **PAC Total** | | | | | | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** |
| 52 | | **Montana Intertie Total** | | | | | | | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** | **16** |
| 54 | | **Southern Intertie** | Avangrid | 10302 | 00TX-10367 | 71678981 | IS CONFIRMED | ORIGINAL | 280 | 280 | 280 | 280 | 280 | 280 | 280 | 280 | 280 | 280 | 280 | 280 |
| 56 | | | | | | 73167623 | IS CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 58 | | | | | | 73167628 | IS CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 60 | | | | | | 77719214 | IS CONFIRMED | RENEWAL | 42 | 42 | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62 | | | | | | | IS SPECULATION | RENEWAL | 0 | 0 | 0 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 |
| 64 | | | | | | 78154124 | IS CONFIRMED | RENEWAL | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 0 | 0 | 0 | 0 | 0 |
| 66 | | | | | | | IS SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 30 | 30 | 30 | 30 |
| 68 | | | | | | 81188001 | IS CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 70 | | | | | | 81723732 | IS CONFIRMED | RENEWAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 72 | | | | | | 81723741 | IS CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 74 | | | | | | 81723764 | IS CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 76 | | | | | | 82055597 | IS CONFIRMED | RENEWAL | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 |
| 78 | | | | | | 82055628 | IS CONFIRMED | RENEWAL | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| 80 | | | | | | 82055669 | IS CONFIRMED | RENEWAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |

**Table 13.2**
**2019 Long-Term Transmission Demand**
**(MegaWatts)**

| REVENUE PRODUCT | COMPANY | CUST ID | CONTRACT | AREF | PRODUCT GROUP | TYPE | Oct-18 | Nov-18 | Dec-18 | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 82055673 | IS CONFIRMED | RENEWAL | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 |
| | | | | 82055707 | IS CONFIRMED | RENEWAL | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| | | | | 82055778 | IS CONFIRMED | RENEWAL | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| | | | | 82666417 | IS CONFIRMED | RENEWAL | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 |
| | **Avangrid Total** | | | | | | **1,110** | **1,110** | **1,110** | **1,110** | **1,110** | **1,110** | **1,110** | **1,110** | **1,110** | **1,110** | **1,110** | **1,110** |
| | BPA Power | 10033 | 14TX-95363 | 1472326 | IS CONFIRMED | ORIGINAL | 700 | 700 | 700 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 73834974 | IS CONFIRMED | ORIGINAL | 15 | 15 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | IS SPECULATION | RENEWAL | 0 | 0 | 0 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| | | | | 73887789 | IS CONFIRMED | ORIGINAL | 30 | 30 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | IS SPECULATION | RENEWAL | 0 | 0 | 0 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| | | | | 80522943 | IS CONFIRMED | ORIGINAL | 50 | 50 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | IS SPECULATION | RENEWAL | 0 | 0 | 0 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 1472326R | IS SPECULATION | RENEWAL | 0 | 0 | 0 | 700 | 700 | 700 | 700 | 700 | 700 | 700 | 700 | 700 |
| | | | 96MS-95363 | UNKNOWN | IS SPECULATION | ORIGINAL | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 |
| | **BPA Power Total** | | | | | | **910** | **910** | **910** | **910** | **910** | **910** | **910** | **910** | **910** | **910** | **910** | **910** |
| | Exelon Generation | 10849 | 02TX-11265 | 78221134 | IS CONFIRMED | ORIGINAL | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| | | | | 78225336 | IS CONFIRMED | ORIGINAL | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| | | | | 78225361 | IS CONFIRMED | ORIGINAL | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| | | | | 78225363 | IS CONFIRMED | ORIGINAL | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| | **Exelon Generation Total** | | | | | | **120** | **120** | **120** | **120** | **120** | **120** | **120** | **120** | **120** | **120** | **120** | **120** |
| | Hermiston Power | 10199 | 98TX-10154 | 449487 | IS CONFIRMED | ORIGINAL | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 |
| | | | | 449491 | IS CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 449493 | IS CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 1800038 | IS CONFIRMED | ORIGINAL | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 |
| | | | | 1801359 | IS CONFIRMED | ORIGINAL | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| | **Hermiston Power Total** | | | | | | **536** | **536** | **536** | **536** | **536** | **536** | **536** | **536** | **536** | **536** | **536** | **536** |
| | Morgan Stanley | 10264 | 97TX-10031 | 1470752 | IS CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 1470754 | IS CONFIRMED | ORIGINAL | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| | | | | 72398097 | IS CONFIRMED | ORIGINAL | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 |
| | | | | 75533108 | IS SPECULATION | RENEWAL | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 |
| | | | | | | | -46 | -46 | -46 | -46 | -46 | -46 | -46 | -46 | -46 | -46 | -46 | -46 |
| | | | | 78676775 | IS CONFIRMED | RENEWAL | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 |
| | | | | 80235959 | IS CONFIRMED | RENEWAL | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 |
| | | | | 80235975 | IS CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 80571459 | IS CONFIRMED | RENEWAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | | | | 80571502 | IS CONFIRMED | RENEWAL | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 |
| | | | | 80571523 | IS CONFIRMED | RENEWAL | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 |
| | | | | 82056189 | IS CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 82056214 | IS CONFIRMED | RENEWAL | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| | | | | 82056220 | IS CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |

**Table 13.2**
**2019 Long-Term Transmission Demand**
**(MegaWatts)**

| REVENUE PRODUCT | COMPANY | CUST ID | CONTRACT | AREF | PRODUCT GROUP | TYPE | Oct-18 | Nov-18 | Dec-18 | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 82056237 | IS CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 82056253 | IS CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 82810433 | IS CONFIRMED | RENEWAL | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 |
| | **Morgan Stanley Total** | | | | | | **734** | **734** | **734** | **734** | **734** | **734** | **734** | **734** | **734** | **734** | **734** | **734** |
| | PAC | 10300 | DE-MS79-94BP94280 | 79356596 | IS CONFIRMED | ORIGINAL | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| | | | DE-MS79-94BP94285 | 427472 | IS CONFIRMED | ORIGINAL | 93 | 93 | 93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 866020 | IS CONFIRMED | ORIGINAL | 71 | 71 | 71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 80879211 | IS CONFIRMED | RECALL | -71 | -71 | -71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 80986294 | IS CONFIRMED | RECALL | -93 | -93 | -93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | **PAC Total** | | | | | | **200** | **200** | **200** | **200** | **200** | **200** | **200** | **200** | **200** | **200** | **200** | **200** |
| | Powerex | 10037 | 99TX-10251 | 77502254 | IS CONFIRMED | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 77543772 | IS CONFIRMED | RENEWAL | 42 | 42 | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | IS SPECULATION | RENEWAL | 0 | 0 | 0 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 |
| | | | | 77543773 | IS CONFIRMED | RENEWAL | 286 | 286 | 286 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | IS SPECULATION | RENEWAL | 0 | 0 | 0 | 286 | 286 | 286 | 286 | 286 | 286 | 286 | 286 | 286 |
| | | | | 77543781 | IS CONFIRMED | RENEWAL | 650 | 650 | 650 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | IS SPECULATION | RENEWAL | 0 | 0 | 0 | 650 | 650 | 650 | 650 | 650 | 650 | 650 | 650 | 650 |
| | | | | 78710047 | IS CONFIRMED | RENEWAL | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| | | | | 79100585 | IS CONFIRMED | RENEWAL | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 |
| | | | | 79100588 | IS CONFIRMED | RENEWAL | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| | | | | 79461718 | IS CONFIRMED | RENEWAL | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 |
| | | | | 79848644 | IS CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 79855282 | IS CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 81352448 | IS CONFIRMED | RENEWAL | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| | | | | 84002664 | IS SPECULATION | RENEWAL | 337 | 337 | 337 | 337 | 337 | 337 | 337 | 337 | 337 | 337 | 337 | 337 |
| | **Powerex Total** | | | | | | **2,000** | **2,000** | **2,000** | **2,000** | **2,000** | **2,000** | **2,000** | **2,000** | **2,000** | **2,000** | **2,000** | **2,000** |
| | Shell Energy | 10122 | 00TX-10286 | 72429308 | IS CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 72513298 | IS CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 72513308 | IS CONFIRMED | RENEWAL | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| | | | | 72513313 | IS CONFIRMED | RENEWAL | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| | | | | 82107783 | IS CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 82107784 | IS CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | **Shell Energy Total** | | | | | | **250** | **250** | **250** | **250** | **250** | **250** | **250** | **250** | **250** | **250** | **250** | **250** |
| | TEMUS | 10381 | 98TX-10172 | 77302316 | IS CONFIRMED | RENEWAL | 100 | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | IS SPECULATION | RENEWAL | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 78163252 | IS CONFIRMED | RENEWAL | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 0 | 0 | 0 | 0 | 0 |
| | | | | | IS SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 42 | 42 | 42 | 42 |
| | **TEMUS Total** | | | | | | **142** | **142** | **142** | **142** | **142** | **142** | **142** | **142** | **142** | **142** | **142** | **142** |
| **Southern Intertie Total** | | | | | | | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** | **6,002** |
| **PTP Network** | Alcoa inc | 10007 | 01TX-10630 | 83517280 | PTP CONFIRMED | RENEWAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |

**Table 13.2**
**2019 Long-Term Transmission Demand**
**(MegaWatts)**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | **REVENUE PRODUCT** | **COMPANY** | **CUST ID** | **CONTRACT** | **AREF** | **PRODUCT GROUP** | **TYPE** | **Oct-18** | **Nov-18** | **Dec-18** | **Jan-19** | **Feb-19** | **Mar-19** | **Apr-19** | **May-19** | **Jun-19** | **Jul-19** | **Aug-19** | **Sep-19** |
| 242 | | | | | | 83518078 | PTP CONFIRMED | RENEWAL | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| 244 | | | | | | 83518105 | PTP CONFIRMED | RENEWAL | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 246 | | | | | | 83518121 | PTP CONFIRMED | RENEWAL | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 |
| 248 | | | | | | 83518185 | PTP CONFIRMED | RENEWAL | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| 250 | | | | | | 83518218 | PTP CONFIRMED | RENEWAL | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| 252 | | | | | | 83518239 | PTP CONFIRMED | RENEWAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 254 | | | | | | 83518247 | PTP CONFIRMED | RENEWAL | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 |
| 256 | | | | | | 83518257 | PTP CONFIRMED | RENEWAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 258 | | | | | | 83518273 | PTP CONFIRMED | RENEWAL | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 260 | | | | | | 83518283 | PTP CONFIRMED | RENEWAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 262 | | | | | | 83518296 | PTP CONFIRMED | RENEWAL | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| 264 | | | | | | 83518305 | PTP CONFIRMED | RENEWAL | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 266 | | | | | | 83518317 | PTP CONFIRMED | RENEWAL | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| 268 | | | | | | 83518328 | PTP CONFIRMED | RENEWAL | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 270 | | | | | | 83518337 | PTP CONFIRMED | RENEWAL | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 |
| 272 | | | | | | 83518362 | PTP CONFIRMED | RENEWAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 274 | | | | | | 83518370 | PTP CONFIRMED | RENEWAL | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 276 | | | | | | 83518373 | PTP CONFIRMED | RENEWAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 278 | | | | | | 83518379 | PTP CONFIRMED | RENEWAL | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 280 | | | | | | 83518381 | PTP CONFIRMED | RENEWAL | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 282 | | | | | | 83518387 | PTP CONFIRMED | RENEWAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 284 | | | **Alcoa inc Total** | | | | | | **403** | **403** | **403** | **403** | **403** | **403** | **403** | **403** | **403** | **403** | **403** | **403** |
| 286 | | | Arlington | 11768 | 07TX-12526 | 72296939 | PTP CONFIRMED | DEFERRAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 288 | | | **Arlington Total** | | | | | | **25** | **25** | **25** | **25** | **25** | **25** | **25** | **25** | **25** | **25** | **25** | **25** |
| 290 | | | Avangrid | 10302 | 00TX-10367 | 75402686 | PTP CONFIRMED | RENEWAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 292 | | | | | | 75648187 | PTP SPECULATION | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 294 | | | | | | 75648199 | PTP SPECULATION | RENEWAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 296 | | | | | | 77410538 | PTP CONFIRMED | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 298 | | | | | | 77410542 | PTP CONFIRMED | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 300 | | | | | | 77410610 | PTP CONFIRMED | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 302 | | | | | | 77895741 | PTP CONFIRMED | ORIGINAL | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| 304 | | | | | | 78287943 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 0 | 0 | 0 | 0 |
| 306 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 50 | 50 | 50 |
| 308 | | | | | | 78577161 | PTP CONFIRMED | ORIGINAL | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |

**Table 13.2**
**2019 Long-Term Transmission Demand**
**(MegaWatts)**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | **REVENUE PRODUCT** | **COMPANY** | **CUST ID** | **CONTRACT** | **AREF** | **PRODUCT GROUP** | **TYPE** | **Oct-18** | **Nov-18** | **Dec-18** | **Jan-19** | **Feb-19** | **Mar-19** | **Apr-19** | **May-19** | **Jun-19** | **Jul-19** | **Aug-19** | **Sep-19** |
| 309 | | | | | | | | | | | | | | | | | | | | |
| 310 | | | | | | 79946068 | PTP CONFIRMED | DEFERRAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 311 | | | | | | | | | | | | | | | | | | | | |
| 312 | | | | | | 79946083 | PTP CONFIRMED | DEFERRAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 313 | | | | | | | | | | | | | | | | | | | | |
| 314 | | | | | | 79946085 | PTP CONFIRMED | DEFERRAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 315 | | | | | | | | | | | | | | | | | | | | |
| 316 | | | | | | 80156358 | PTP CONFIRMED | RENEWAL | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| 317 | | | | | | | | | | | | | | | | | | | | |
| 318 | | | | | | 80818877 | PTP CONFIRMED | DEFERRAL | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 319 | | | | | | | | | | | | | | | | | | | | |
| 320 | | | | | | 80818881 | PTP CONFIRMED | DEFERRAL | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 321 | | | | | | | | | | | | | | | | | | | | |
| 322 | | | | | | 80818885 | PTP CONFIRMED | DEFERRAL | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 323 | | | | | | | | | | | | | | | | | | | | |
| 324 | | | | | | 81003216 | PTP CONFIRMED | RENEWAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 325 | | | | | | | | | | | | | | | | | | | | |
| 326 | | | | | | 81003258 | PTP CONFIRMED | RENEWAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 327 | | | | | | | | | | | | | | | | | | | | |
| 328 | | | | | | 81003319 | PTP CONFIRMED | RENEWAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 329 | | | | | | | | | | | | | | | | | | | | |
| 330 | | | | | | 81003377 | PTP CONFIRMED | RENEWAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 331 | | | | | | | | | | | | | | | | | | | | |
| 332 | | | | | | 81723592 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 333 | | | | | | | | | | | | | | | | | | | | |
| 334 | | | | | | 83329879 | PTP CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 335 | | | | | | | | | | | | | | | | | | | | |
| 336 | | | | | | 83330013 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 337 | | | | | | | | | | | | | | | | | | | | |
| 338 | | | | | | 83675003 | PTP SPECULATION | DEFERRAL | 0 | 0 | 0 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 339 | | | | | | | | | | | | | | | | | | | | |
| 340 | | | | | | 83675099 | PTP SPECULATION | DEFERRAL | 0 | 0 | 0 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 341 | | | | | | | | | | | | | | | | | | | | |
| 342 | | | | | | 83675117 | PTP SPECULATION | DEFERRAL | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 343 | | | | | | | | | | | | | | | | | | | | |
| 344 | | | | | | 83675818 | PTP SPECULATION | DEFERRAL | 0 | 0 | 0 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 345 | | | | | | | | | | | | | | | | | | | | |
| 346 | | | | | | 83675824 | PTP SPECULATION | DEFERRAL | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 347 | | | | | | | | | | | | | | | | | | | | |
| 348 | | | | | | 83792425 | PTP CONFIRMED | RENEWAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 349 | | | | | | | | | | | | | | | | | | | | |
| 350 | | | | | | 83792432 | PTP CONFIRMED | RENEWAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 351 | | | | | | | | | | | | | | | | | | | | |
| 352 | | | | | | 83792454 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 353 | | | | | | | | | | | | | | | | | | | | |
| 354 | | | **Avangrid Total** | | | | | | **751** | **751** | **751** | **1,101** | **1,101** | **1,101** | **1,101** | **1,101** | **1,101** | **1,101** | **1,101** | **1,101** |
| 355 | | | | | | | | | | | | | | | | | | | | |
| 356 | | | Avista | 10016 | 96MS-96008 | 1468405 | PTP CONFIRMED | ORIGINAL | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| 357 | | | | | | | | | | | | | | | | | | | | |
| 358 | | | | | | 1468727 | PTP CONFIRMED | DEFERRAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 359 | | | | | | | | | | | | | | | | | | | | |
| 360 | | | | | | 73613033 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 361 | | | | | | | | | | | | | | | | | | | | |
| 362 | | | | | | 81229705 | PTP CONFIRMED | RENEWAL | 196 | 196 | 196 | 196 | 196 | 196 | 196 | 196 | 196 | 196 | 196 | 196 |
| 363 | | | | | | | | | | | | | | | | | | | | |
| 364 | | | | | | 81229721 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 365 | | | | | | | | | | | | | | | | | | | | |
| 366 | | | | | | 81283167 | PTP CONFIRMED | RENEWAL | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 |
| 367 | | | | | | | | | | | | | | | | | | | | |
| 368 | | | | | | 81349480 | PTP CONFIRMED | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 369 | | | | | | | | | | | | | | | | | | | | |
| 370 | | | | | | | PTP SPECULATION | RENEWAL | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 371 | | | | | | | | | | | | | | | | | | | | |
| 372 | | | **Avista Total** | | | | | | **577** | **577** | **577** | **577** | **577** | **577** | **577** | **577** | **577** | **577** | **577** | **577** |
| 373 | | | | | | | | | | | | | | | | | | | | |
| 374 | | | Benton PUD | 10024 | 97TX-10041 | 1800329 | PTP CONFIRMED | ORIGINAL | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 375 | | | | | | | | | | | | | | | | | | | | |

**Table 13.2**
**2019 Long-Term Transmission Demand**
**(MegaWatts)**

| REVENUE PRODUCT | COMPANY | CUST ID | CONTRACT | AREF | PRODUCT GROUP | TYPE | Oct-18 | Nov-18 | Dec-18 | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 1800333 | PTP CONFIRMED | ORIGINAL | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| | | | | 1800338 | PTP CONFIRMED | ORIGINAL | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| | | | | 1800343 | PTP CONFIRMED | ORIGINAL | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| | | | | 1800354 | PTP CONFIRMED | ORIGINAL | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 |
| | | | | 1800364 | PTP CONFIRMED | ORIGINAL | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| | | | | 1800366 | PTP CONFIRMED | ORIGINAL | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| | | | | 1800373 | PTP CONFIRMED | ORIGINAL | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 |
| | | | | 1800375 | PTP CONFIRMED | ORIGINAL | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| | | | | 1800377 | PTP CONFIRMED | ORIGINAL | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 |
| | | | | 1800379 | PTP CONFIRMED | ORIGINAL | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 |
| | | | | 1801385 | PTP CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 1801465 | PTP CONFIRMED | ORIGINAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | | | 71821291 | PTP CONFIRMED | REDIRECT | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | | | | 71821795 | PTP CONFIRMED | REDIRECT | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | **Benton PUD Total** | | | | | | **435** | **435** | **435** | **435** | **435** | **435** | **435** | **435** | **435** | **435** | **435** | **435** |
| | BPA Power | 10033 | 14TX-95363 | 1800097 | PTP CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 1800100 | PTP CONFIRMED | ORIGINAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | | | | 1800103 | PTP CONFIRMED | ORIGINAL | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | | | | 1800106 | PTP CONFIRMED | ORIGINAL | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| | | | | 1800109 | PTP CONFIRMED | ORIGINAL | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| | | | | 1800112 | PTP CONFIRMED | ORIGINAL | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| | | | | 1800115 | PTP CONFIRMED | ORIGINAL | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| | | | | 1800118 | PTP CONFIRMED | ORIGINAL | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| | | | | 1800121 | PTP CONFIRMED | ORIGINAL | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 |
| | | | | 1800124 | PTP CONFIRMED | ORIGINAL | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| | | | | 1800127 | PTP CONFIRMED | ORIGINAL | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 |
| | | | | 1800130 | PTP CONFIRMED | ORIGINAL | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 |
| | | | | 1800133 | PTP CONFIRMED | ORIGINAL | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 |
| | | | | 1800137 | PTP CONFIRMED | ORIGINAL | 287 | 287 | 287 | 287 | 287 | 287 | 287 | 287 | 287 | 287 | 287 | 287 |
| | | | | 321890 | PTP CONFIRMED | ORIGINAL | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 |
| | | | | 77176374 | PTP CONFIRMED | REDIRECT | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 77176386 | PTP CONFIRMED | REDIRECT | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 79471716 | PTP CONFIRMED | RENEWAL | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 |
| | | | | 79497143 | PTP CONFIRMED | RENEWAL | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 116 |

**Table 13.2**
**2019 Long-Term Transmission Demand**
**(MegaWatts)**

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **REVENUE PRODUCT** | **COMPANY** | **CUST ID** | **CONTRACT** | **AREF** | **PRODUCT GROUP** | **TYPE** | **Oct-18** | **Nov-18** | **Dec-18** | **Jan-19** | **Feb-19** | **Mar-19** | **Apr-19** | **May-19** | **Jun-19** | **Jul-19** | **Aug-19** | **Sep-19** |
| | | | | | 79647304 | PTP CONFIRMED | RENEWAL | 297 | 297 | 297 | 297 | 297 | 297 | 297 | 297 | 297 | 297 | 297 | 297 |
| | | | | | 79879849 | PTP CONFIRMED | ORIGINAL | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| | | | | | 83420810 | PTP CONFIRMED | RENEWAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | | | | | 83420840 | PTP CONFIRMED | RENEWAL | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| | | | | | 83420993 | PTP CONFIRMED | RENEWAL | 109 | 109 | 109 | 109 | 109 | 109 | 109 | 109 | 109 | 109 | 109 | 109 |
| | | | | | 83421008 | PTP CONFIRMED | RENEWAL | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 |
| | | | | | 83421034 | PTP CONFIRMED | RENEWAL | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 |
| | | | | 96MS-96060 | Multiple | PTP SPECULATION | RENEWAL | 665 | 665 | 665 | 665 | 665 | 665 | 665 | 665 | 665 | 665 | 665 | 665 |
| | | **BPA Power Total** | | | | | | **2,459** | **2,459** | **2,459** | **2,459** | **2,459** | **2,459** | **2,459** | **2,459** | **2,459** | **2,459** | **2,459** | **2,459** |
| | | Chelan | 10050 | 01TX-10714 | 72041989 | PTP CONFIRMED | RENEWAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | | **Chelan Total** | | | | | | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** |
| | | Clark | 10103 | 02TX-11177 | 81435045 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | **Clark Total** | | | | | | **25** | **25** | **25** | **25** | **25** | **25** | **25** | **25** | **25** | **25** | **25** | **25** |
| | | Clatskanie | 10105 | 01TX-10649 | 1321619 | PTP CONFIRMED | ORIGINAL | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | | | | | 1321623 | PTP CONFIRMED | ORIGINAL | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | | | | | 1321630 | PTP CONFIRMED | ORIGINAL | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | | | | | 1321632 | PTP CONFIRMED | ORIGINAL | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | | | | | 1321634 | PTP CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | | 1800705 | PTP CONFIRMED | ORIGINAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | | | | | 1800709 | PTP CONFIRMED | ORIGINAL | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | | | | | 1800717 | PTP CONFIRMED | ORIGINAL | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | | | | | 1800721 | PTP CONFIRMED | ORIGINAL | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | | | | | 1800725 | PTP CONFIRMED | ORIGINAL | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | | | | | 1800729 | PTP CONFIRMED | ORIGINAL | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | | | | 1800735 | PTP CONFIRMED | ORIGINAL | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| | | | | | 1800737 | PTP CONFIRMED | ORIGINAL | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| | | | | | 1800740 | PTP CONFIRMED | ORIGINAL | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| | | | | | 1800741 | PTP CONFIRMED | ORIGINAL | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| | | **Clatskanie Total** | | | | | | **147** | **147** | **147** | **147** | **147** | **147** | **147** | **147** | **147** | **147** | **147** | **147** |
| | | Eurus Comb | 11021 | 09TX-14147 | 73473061 | PTP CONFIRMED | REDIRECT | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 |
| | | **Eurus Comb Total** | | | | | | **62** | **62** | **62** | **62** | **62** | **62** | **62** | **62** | **62** | **62** | **62** | **62** |
| | | Finley Bioenergy | 11122 | 07TX-12488 | 71689868 | PTP CONFIRMED | ORIGINAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | | | | | 71915090 | PTP CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | **Finley Bioenergy Total** | | | | | | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** |

**Table 13.2**
**2019 Long-Term Transmission Demand**
**(MegaWatts)**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | **REVENUE PRODUCT** | **COMPANY** | **CUST ID** | **CONTRACT** | **AREF** | **PRODUCT GROUP** | **TYPE** | **Oct-18** | **Nov-18** | **Dec-18** | **Jan-19** | **Feb-19** | **Mar-19** | **Apr-19** | **May-19** | **Jun-19** | **Jul-19** | **Aug-19** | **Sep-19** |
| 512 | | | Franklin County | 10183 | 97TX-10043 | 1466591 | PTP CONFIRMED | ORIGINAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 514 | | | | | | 1468490 | PTP CONFIRMED | ORIGINAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 516 | | | | | | 1469388 | PTP CONFIRMED | ORIGINAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 518 | | | | | | 1471445 | PTP CONFIRMED | REDIRECT | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 520 | | | | | | 1472430 | PTP CONFIRMED | REDIRECT | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 522 | | | | | | 1801660 | PTP CONFIRMED | ORIGINAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 524 | | | | | | 1801665 | PTP CONFIRMED | ORIGINAL | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 |
| 526 | | | | | | 1801670 | PTP CONFIRMED | ORIGINAL | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| 528 | | | | | | 1801675 | PTP CONFIRMED | ORIGINAL | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 |
| 530 | | | | | | 1801685 | PTP CONFIRMED | ORIGINAL | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| 532 | | | | | | 1801690 | PTP CONFIRMED | ORIGINAL | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 534 | | | | | | 1801695 | PTP CONFIRMED | ORIGINAL | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 536 | | | | | | 1801700 | PTP CONFIRMED | ORIGINAL | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 538 | | | | | | 1801705 | PTP CONFIRMED | ORIGINAL | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 540 | | | | | | 1801710 | PTP CONFIRMED | ORIGINAL | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| 542 | | | | | | 71630464 | PTP CONFIRMED | ORIGINAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 544 | | | **Franklin County Total** | | | | | | **193** | **193** | **193** | **193** | **193** | **193** | **193** | **193** | **193** | **193** | **193** | **193** |
| 546 | | | Fremont | 13303 | UNKNOWN | UNKNOWN | PTP SPECULATION | ORIGINAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 548 | | | **Fremont Total** | | | | | | **4** | **4** | **4** | **4** | **4** | **4** | **4** | **4** | **4** | **4** | **4** | **4** |
| 550 | | | Grant | 10190 | 01TX-10679 | 74475223 | PTP CONFIRMED | RENEWAL | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 552 | | | **Grant Total** | | | | | | **12** | **12** | **12** | **12** | **12** | **12** | **12** | **12** | **12** | **12** | **12** | **12** |
| 554 | | | Grays Harbor | 10191 | 96MS-96083 | 1179595 | PTP CONFIRMED | ORIGINAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 556 | | | | | | 1800868 | PTP CONFIRMED | ORIGINAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 558 | | | | | | 1800869 | PTP CONFIRMED | ORIGINAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 560 | | | | | | 1800870 | PTP CONFIRMED | ORIGINAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 562 | | | | | | 1800871 | PTP CONFIRMED | ORIGINAL | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| 564 | | | | | | 1800872 | PTP CONFIRMED | ORIGINAL | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 566 | | | | | | 1800873 | PTP CONFIRMED | ORIGINAL | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| 568 | | | | | | 1800874 | PTP CONFIRMED | ORIGINAL | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| 570 | | | | | | 1800875 | PTP CONFIRMED | ORIGINAL | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 |
| 572 | | | | | | 1800876 | PTP CONFIRMED | ORIGINAL | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 |
| 574 | | | | | | 1800877 | PTP CONFIRMED | ORIGINAL | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 |
| 576 | | | | | | 1801266 | PTP CONFIRMED | ORIGINAL | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |

**Table 13.2**
**2019 Long-Term Transmission Demand**
**(MegaWatts)**

| REVENUE PRODUCT | COMPANY | CUST ID | CONTRACT | AREF | PRODUCT GROUP | TYPE | Oct-18 | Nov-18 | Dec-18 | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 1801468 | PTP CONFIRMED | ORIGINAL | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | | | | 71316632 | PTP CONFIRMED | REDIRECT | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | | | | 72080322 | PTP CONFIRMED | REDIRECT | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | | | 72080765 | PTP CONFIRMED | REDIRECT | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | **Grays Harbor Total** | | | | | | **284** | **284** | **284** | **284** | **284** | **284** | **284** | **284** | **284** | **284** | **284** | **284** |
| | Hermiston Power | 10199 | 98TX-10154 | 1801330 | PTP CONFIRMED | ORIGINAL | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 |
| | | | | 1801331 | PTP CONFIRMED | ORIGINAL | 308 | 308 | 308 | 308 | 308 | 308 | 308 | 308 | 308 | 308 | 308 | 308 |
| | **Hermiston Power Total** | | | | | | **536** | **536** | **536** | **536** | **536** | **536** | **536** | **536** | **536** | **536** | **536** | **536** |
| | Idaho Power Company | 10205 | 12TX-15618 | 77108132 | PTP No SCD CONFIRMED | ORIGINAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | | | 77108133 | PTP No SCD CONFIRMED | ORIGINAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | | | | 81816284 | PTP CONFIRMED | ORIGINAL | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 |
| | | | | 81816309 | PTP CONFIRMED | ORIGINAL | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | | 13TX-15768 | 77443011 | PTP CONFIRMED | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 77443034 | PTP CONFIRMED | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 77443090 | PTP CONFIRMED | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | **Idaho Power Company Total** | | | | | | **67** | **67** | **67** | **67** | **67** | **67** | **67** | **67** | **67** | **67** | **67** | **67** |
| | JC-B | 13140 | 13TX-15809 | 78685544 | PTP CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 81319697 | PTP CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | **JC-B Total** | | | | | | **2** | **2** | **2** | **2** | **2** | **2** | **2** | **2** | **2** | **2** | **2** | **2** |
| | Kaiser Alum WA | 12077 | 11TX-15371 | 77478544 | PTP CONFIRMED | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 81418510 | PTP CONFIRMED | RENEWAL | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | | | | 83051799 | PTP CONFIRMED | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 83150116 | PTP CONFIRMED | RENEWAL | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 |
| | | | | 83627764 | PTP SPECULATION | RENEWAL | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | **Kaiser Alum WA Total** | | | | | | **55** | **55** | **55** | **55** | **55** | **55** | **55** | **55** | **55** | **55** | **55** | **55** |
| | Klickitat | 10231 | 97TX-10038 | 79467143 | PTP CONFIRMED | ORIGINAL | 11 | 11 | 11 | 11 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 11 | 11 | 11 | 11 | 11 |
| | **Klickitat Total** | | | | | | **11** | **11** | **11** | **11** | **11** | **11** | **11** | **11** | **11** | **11** | **11** | **11** |
| | LADWP | 10241 | 02TX-10944 | 78459737 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 0 | 0 |
| | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 50 |
| | | | | 78459759 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 0 | 0 |
| | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 50 |
| | | | | 78459765 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 0 | 0 |
| | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 50 |

**Table 13.2**
**2019 Long-Term Transmission Demand**
**(MegaWatts)**

| REVENUE PRODUCT | COMPANY | CUST ID | CONTRACT | AREF | PRODUCT GROUP | TYPE | Oct-18 | Nov-18 | Dec-18 | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 78459768 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 0 | 0 |
| | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 50 |
| | | | | 78459775 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 0 | 0 |
| | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 50 |
| | | | | 78459780 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 0 | 0 |
| | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 50 |
| | | | | 80133002 | PTP CONFIRMED | RENEWAL | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| | | | | 80751162 | PTP CONFIRMED | ORIGINAL | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| | | | | 81406924 | PTP CONFIRMED | ORIGINAL | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| | | | | 81406968 | PTP CONFIRMED | ORIGINAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | | | 81657606 | PTP CONFIRMED | ORIGINAL | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 |
| | | | | 82360420 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | **LADWP Total** | | | | | | **489** | **489** | **489** | **489** | **489** | **489** | **489** | **489** | **489** | **489** | **489** | **489** |
| | Middle Fork | 10255 | 05TX-11927 | 1466103 | PTP CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 1469988 | PTP CONFIRMED | ORIGINAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | **Middle Fork Total** | | | | | | **4** | **4** | **4** | **4** | **4** | **4** | **4** | **4** | **4** | **4** | **4** | **4** |
| | Northern Wasco | 10279 | 09TX-14164 | 79710722 | PTP CONFIRMED | ORIGINAL | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | **Northern Wasco Total** | | | | | | **6** | **6** | **6** | **6** | **6** | **6** | **6** | **6** | **6** | **6** | **6** | **6** |
| | Okanogan PUD | 10286 | 01TX-10686 | 81631205 | PTP CONFIRMED | RENEWAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | | | | 81631211 | PTP CONFIRMED | RENEWAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | | | | 81631214 | PTP CONFIRMED | RENEWAL | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| | | | | 81631218 | PTP CONFIRMED | RENEWAL | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | | | | 81631223 | PTP CONFIRMED | RENEWAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | | | 81631231 | PTP CONFIRMED | RENEWAL | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | | | 81631238 | PTP CONFIRMED | RENEWAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | | | 81631243 | PTP CONFIRMED | RENEWAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | | | 81631249 | PTP CONFIRMED | RENEWAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | | | 81631259 | PTP CONFIRMED | RENEWAL | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | | | | 81631272 | PTP CONFIRMED | RENEWAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | | | | 81631276 | PTP CONFIRMED | RENEWAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | | | | 81631279 | PTP CONFIRMED | RENEWAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | | | 81631286 | PTP CONFIRMED | RENEWAL | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | | | 81631295 | PTP CONFIRMED | RENEWAL | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | | | | 81631297 | PTP CONFIRMED | RENEWAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |

**Table 13.2**
**2019 Long-Term Transmission Demand**
**(MegaWatts)**

| REVENUE PRODUCT | COMPANY | CUST ID | CONTRACT | AREF | PRODUCT GROUP | TYPE | Oct-18 | Nov-18 | Dec-18 | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 81631303 | PTP CONFIRMED | RENEWAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 81631311 | PTP CONFIRMED | RENEWAL | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | | | | 81631313 | PTP CONFIRMED | RENEWAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 81631317 | PTP CONFIRMED | RENEWAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 81631330 | PTP CONFIRMED | RENEWAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 81631333 | PTP CONFIRMED | RENEWAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | | | | 81631334 | PTP CONFIRMED | RENEWAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | | | | 81631338 | PTP CONFIRMED | RENEWAL | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | **Okanogan PUD Total** | | | | | | **115** | **115** | **115** | **115** | **115** | **115** | **115** | **115** | **115** | **115** | **115** | **115** |
| | Orion Energy | 10816 | 03TX-11574 | 1413428 | PTP SPECULATION | ORIGINAL | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| | **Orion Energy Total** | | | | | | **200** | **200** | **200** | **200** | **200** | **200** | **200** | **200** | **200** | **200** | **200** | **200** |
| | Outback Solar | 11951 | 11TX-15513 | 77311998 | PTP CONFIRMED | REDIRECT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 84260609 | PTP CONFIRMED | RENEWAL | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | **Outback Solar Total** | | | | | | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** |
| | PAC | 10300 | 04TX-11722 | 72510734 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 72513702 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 72604325 | PTP CONFIRMED | REDIRECT | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| | | | | 75397855 | PTP CONFIRMED | REDIRECT | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 75503469 | PTP CONFIRMED | REDIRECT | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |
| | | | | 75503471 | PTP CONFIRMED | REDIRECT | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 |
| | | | | 76970392 | PTP CONFIRMED | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | PTP SPECULATION | RENEWAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 77322753 | PTP CONFIRMED | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | PTP SPECULATION | RENEWAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 77322823 | PTP CONFIRMED | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | PTP SPECULATION | RENEWAL | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | | | | 77322834 | PTP CONFIRMED | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 77424318 | PTP CONFIRMED | RENEWAL | 120 | 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 |
| | | | | 77424414 | PTP CONFIRMED | RENEWAL | 190 | 190 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 190 | 190 | 190 | 190 | 190 | 190 | 190 | 190 | 190 | 190 |
| | | | | 77424479 | PTP CONFIRMED | RENEWAL | 30 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |

**Table 13.2**
**2019 Long-Term Transmission Demand**
**(MegaWatts)**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | **REVENUE PRODUCT** | **COMPANY** | **CUST ID** | **CONTRACT** | **AREF** | **PRODUCT GROUP** | **TYPE** | **Oct-18** | **Nov-18** | **Dec-18** | **Jan-19** | **Feb-19** | **Mar-19** | **Apr-19** | **May-19** | **Jun-19** | **Jul-19** | **Aug-19** | **Sep-19** |
| 780 | | | | | | 77520585 | PTP CONFIRMED | RENEWAL | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 781 | | | | | | | | | | | | | | | | | | | | |
| 782 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 783 | | | | | | | | | | | | | | | | | | | | |
| 784 | | | | | | 77810169 | PTP CONFIRMED | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 785 | | | | | | | | | | | | | | | | | | | | |
| 786 | | | | | | 77810173 | PTP CONFIRMED | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 787 | | | | | | | | | | | | | | | | | | | | |
| 788 | | | | | | 78385466 | PTP CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 |
| 789 | | | | | | | | | | | | | | | | | | | | |
| 790 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 |
| 791 | | | | | | | | | | | | | | | | | | | | |
| 792 | | | | | | 78398821 | PTP CONFIRMED | RENEWAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 0 |
| 793 | | | | | | | | | | | | | | | | | | | | |
| 794 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 795 | | | | | | | | | | | | | | | | | | | | |
| 796 | | | | | | 78720215 | PTP CONFIRMED | RENEWAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 797 | | | | | | | | | | | | | | | | | | | | |
| 798 | | | | | | 78720311 | PTP CONFIRMED | RENEWAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 799 | | | | | | | | | | | | | | | | | | | | |
| 800 | | | | | | 78720424 | PTP CONFIRMED | RENEWAL | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| 801 | | | | | | | | | | | | | | | | | | | | |
| 802 | | | | | | 78720451 | PTP CONFIRMED | RENEWAL | 146 | 146 | 146 | 146 | 146 | 146 | 146 | 146 | 146 | 146 | 146 | 146 |
| 803 | | | | | | | | | | | | | | | | | | | | |
| 804 | | | | | | 78720471 | PTP CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 805 | | | | | | | | | | | | | | | | | | | | |
| 806 | | | | | | 78720493 | PTP CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 807 | | | | | | | | | | | | | | | | | | | | |
| 808 | | | | | | 78720629 | PTP CONFIRMED | RENEWAL | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 |
| 809 | | | | | | | | | | | | | | | | | | | | |
| 810 | | | | | | 78720634 | PTP CONFIRMED | RENEWAL | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| 811 | | | | | | | | | | | | | | | | | | | | |
| 812 | | | | | | 78720640 | PTP CONFIRMED | RENEWAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 813 | | | | | | | | | | | | | | | | | | | | |
| 814 | | | | | | 78721010 | PTP CONFIRMED | RENEWAL | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 |
| 815 | | | | | | | | | | | | | | | | | | | | |
| 816 | | | | | | 79131028 | PTP CONFIRMED | ORIGINAL | 8 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 817 | | | | | | | | | | | | | | | | | | | | |
| 818 | | | | | | 79191207 | PTP CONFIRMED | REDIRECT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 819 | | | | | | | | | | | | | | | | | | | | |
| 820 | | | | | | 79484622 | PTP CONFIRMED | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 821 | | | | | | | | | | | | | | | | | | | | |
| 822 | | | | | | | PTP SPECULATION | RENEWAL | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 823 | | | | | | | | | | | | | | | | | | | | |
| 824 | | | | | | 80207119 | PTP CONFIRMED | RENEWAL | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 |
| 825 | | | | | | | | | | | | | | | | | | | | |
| 826 | | | | | | 80207131 | PTP CONFIRMED | RENEWAL | 144 | 144 | 144 | 144 | 144 | 144 | 144 | 144 | 144 | 144 | 144 | 144 |
| 827 | | | | | | | | | | | | | | | | | | | | |
| 828 | | | | | | 80207146 | PTP CONFIRMED | RENEWAL | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 829 | | | | | | | | | | | | | | | | | | | | |
| 830 | | | | | | 80320003 | PTP CONFIRMED | REDIRECT | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 |
| 831 | | | | | | | | | | | | | | | | | | | | |
| 832 | | | | | | 80320010 | PTP CONFIRMED | REDIRECT | 420 | 420 | 420 | 420 | 420 | 420 | 420 | 420 | 420 | 420 | 420 | 420 |
| 833 | | | | | | | | | | | | | | | | | | | | |
| 834 | | | | | | 80544404 | PTP CONFIRMED | RENEWAL | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 |
| 835 | | | | | | | | | | | | | | | | | | | | |
| 836 | | | | | | 81157446 | PTP CONFIRMED | RENEWAL | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 |
| 837 | | | | | | | | | | | | | | | | | | | | |
| 838 | | | | | | 81157458 | PTP CONFIRMED | RENEWAL | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| 839 | | | | | | | | | | | | | | | | | | | | |
| 840 | | | | | | 81500823 | PTP CONFIRMED | ORIGINAL | 8 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 841 | | | | | | | | | | | | | | | | | | | | |
| 842 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 843 | | | | | | | | | | | | | | | | | | | | |
| 844 | | | | | | 81539749 | PTP CONFIRMED | RENEWAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 845 | | | | | | | | | | | | | | | | | | | | |
| 846 | | | | | | 81544421 | PTP CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |

**Table 13.2**
**2019 Long-Term Transmission Demand**
**(MegaWatts)**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | **REVENUE PRODUCT** | **COMPANY** | **CUST ID** | **CONTRACT** | **AREF** | **PRODUCT GROUP** | **TYPE** | **Oct-18** | **Nov-18** | **Dec-18** | **Jan-19** | **Feb-19** | **Mar-19** | **Apr-19** | **May-19** | **Jun-19** | **Jul-19** | **Aug-19** | **Sep-19** |
| 848 | | | | | | 81749553 | PTP CONFIRMED | RECALL | -8 | -8 | -8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 850 | | | | | | 81775769 | PTP CONFIRMED | RENEWAL | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| 852 | | | | | | 81829747 | PTP CONFIRMED | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 854 | | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 856 | | | | | | 81840100 | PTP CONFIRMED | RENEWAL | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| 858 | | | | | | 81990216 | PTP CONFIRMED | RENEWAL | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 |
| 860 | | | | | | 82278198 | PTP CONFIRMED | RENEWAL | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 |
| 862 | | | | | | 82471481 | PTP CONFIRMED | RENEWAL | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| 864 | | | | | | 82862773 | PTP CONFIRMED | RENEWAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 866 | | | | | | 82862793 | PTP CONFIRMED | RENEWAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 868 | | | | | | 82863350 | PTP CONFIRMED | RENEWAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 870 | | | | | | 82883466 | PTP CONFIRMED | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 872 | | | | | | | PTP SPECULATION | RENEWAL | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 |
| 874 | | | | | | 82890603 | PTP CONFIRMED | RECALL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 876 | | | | | | | PTP SPECULATION | RENEWAL | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 878 | | | | | | 83128930 | PTP CONFIRMED | ORIGINAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 880 | | | | | | 83128996 | PTP CONFIRMED | ORIGINAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 882 | | | | | | 83547085 | PTP CONFIRMED | RENEWAL | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 |
| 884 | | | | | | 83547195 | PTP CONFIRMED | RENEWAL | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 886 | | | | | | 84225058 | PTP CONFIRMED | RENEWAL | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| 888 | | | **PAC Total** | | | | | | **3,267** | **3,267** | **3,267** | **3,267** | **3,267** | **3,267** | **3,267** | **3,267** | **3,267** | **3,267** | **3,267** | **3,267** |
| 890 | | | Patu Wind Farm | 11875 | 08TX-13657 | 74128031 | PTP CONFIRMED | REDIRECT | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 892 | | | **Patu Wind Farm Total** | | | | | | **10** | **10** | **10** | **10** | **10** | **10** | **10** | **10** | **10** | **10** | **10** | **10** |
| 894 | | | Pend Oreille | 10306 | 02TX-10875 | 82150954 | PTP CONFIRMED | ORIGINAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 896 | | | **Pend Oreille Total** | | | | | | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** | **8** |
| 898 | | | PGE | 10314 | 09TX-14507 | 78857909 | PTP CONFIRMED | DEFERRAL | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 |
| 900 | | | | | | 78858032 | PTP CONFIRMED | DEFERRAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 902 | | | | | | 79042182 | PTP CONFIRMED | RENEWAL | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |
| 904 | | | | | | 79042267 | PTP CONFIRMED | RENEWAL | 270 | 270 | 270 | 270 | 270 | 270 | 270 | 270 | 270 | 270 | 270 | 270 |
| 906 | | | | | | 79042492 | PTP CONFIRMED | RENEWAL | 531 | 531 | 531 | 531 | 531 | 531 | 531 | 531 | 531 | 531 | 531 | 531 |
| 908 | | | | | | 79058520 | PTP CONFIRMED | RENEWAL | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| 910 | | | | | | 79058581 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 912 | | | | | | 79058669 | PTP CONFIRMED | RENEWAL | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |

**Table 13.2**
**2019 Long-Term Transmission Demand**
**(MegaWatts)**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | REVENUE PRODUCT | COMPANY | CUST ID | CONTRACT | AREF | PRODUCT GROUP | TYPE | Oct-18 | Nov-18 | Dec-18 | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 |
| 914 | | | | | | 79099382 | PTP CONFIRMED | RENEWAL | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 |
| 915 | | | | | | | | | | | | | | | | | | | | |
| 916 | | | | | | 79099396 | PTP CONFIRMED | RENEWAL | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 |
| 917 | | | | | | | | | | | | | | | | | | | | |
| 918 | | | | | | 79099468 | PTP CONFIRMED | RENEWAL | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 |
| 919 | | | | | | | | | | | | | | | | | | | | |
| 920 | | | | | | 79099506 | PTP CONFIRMED | RENEWAL | 169 | 169 | 169 | 169 | 169 | 169 | 169 | 169 | 169 | 169 | 169 | 169 |
| 921 | | | | | | | | | | | | | | | | | | | | |
| 922 | | | | | | 79099585 | PTP CONFIRMED | RENEWAL | 279 | 279 | 279 | 279 | 279 | 279 | 279 | 279 | 279 | 279 | 279 | 279 |
| 923 | | | | | | | | | | | | | | | | | | | | |
| 924 | | | | | | 79109702 | PTP CONFIRMED | RENEWAL | 131 | 131 | 131 | 131 | 131 | 131 | 131 | 131 | 131 | 131 | 131 | 131 |
| 925 | | | | | | | | | | | | | | | | | | | | |
| 926 | | | | | | 79294957 | PTP CONFIRMED | REDIRECT | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 927 | | | | | | | | | | | | | | | | | | | | |
| 928 | | | | | | 79295318 | PTP CONFIRMED | REDIRECT | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 929 | | | | | | | | | | | | | | | | | | | | |
| 930 | | | | | | 79593334 | PTP CONFIRMED | REDIRECT | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 931 | | | | | | | | | | | | | | | | | | | | |
| 932 | | | | | | 79593338 | PTP CONFIRMED | REDIRECT | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 933 | | | | | | | | | | | | | | | | | | | | |
| 934 | | | | | | 79734273 | PTP CONFIRMED | RENEWAL | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 |
| 935 | | | | | | | | | | | | | | | | | | | | |
| 936 | | | | | | 80394113 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 937 | | | | | | | | | | | | | | | | | | | | |
| 938 | | | | | | 80401925 | PTP CONFIRMED | ORIGINAL | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 939 | | | | | | | | | | | | | | | | | | | | |
| 940 | | | | | | 80401947 | PTP CONFIRMED | ORIGINAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 941 | | | | | | | | | | | | | | | | | | | | |
| 942 | | | | | | 80401970 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 943 | | | | | | | | | | | | | | | | | | | | |
| 944 | | | | | | 80402010 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 945 | | | | | | | | | | | | | | | | | | | | |
| 946 | | | | | | 80402046 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 947 | | | | | | | | | | | | | | | | | | | | |
| 948 | | | | | | 80402067 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 949 | | | | | | | | | | | | | | | | | | | | |
| 950 | | | | | | 80402081 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 951 | | | | | | | | | | | | | | | | | | | | |
| 952 | | | | | | 80402096 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 953 | | | | | | | | | | | | | | | | | | | | |
| 954 | | | | | | 80402109 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 955 | | | | | | | | | | | | | | | | | | | | |
| 956 | | | | | | 81460014 | PTP CONFIRMED | ORIGINAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 957 | | | | | | | | | | | | | | | | | | | | |
| 958 | | | | | | 81460326 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 959 | | | | | | | | | | | | | | | | | | | | |
| 960 | | | | | | 81460336 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 961 | | | | | | | | | | | | | | | | | | | | |
| 962 | | | | | | 81460381 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 963 | | | | | | | | | | | | | | | | | | | | |
| 964 | | | | | | 81460390 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 965 | | | | | | | | | | | | | | | | | | | | |
| 966 | | | | | | 81460394 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 967 | | | | | | | | | | | | | | | | | | | | |
| 968 | | | | | | 81460417 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 969 | | | | | | | | | | | | | | | | | | | | |
| 970 | | | | | | 81460428 | PTP CONFIRMED | ORIGINAL | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 971 | | | | | | | | | | | | | | | | | | | | |
| 972 | | | | | | 81460445 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 973 | | | | | | | | | | | | | | | | | | | | |
| 974 | | | | | | 81460466 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 975 | | | | | | | | | | | | | | | | | | | | |
| 976 | | | | | | 81800037 | PTP CONFIRMED | RECALL | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 |
| 977 | | | | | | | | | | | | | | | | | | | | |
| 978 | | | | | | 81800040 | PTP CONFIRMED | RECALL | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 |
| 979 | | | | | | | | | | | | | | | | | | | | |
| 980 | | | | | | 81800055 | PTP CONFIRMED | RECALL | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 |

**Table 13.2**
**2019 Long-Term Transmission Demand**
**(MegaWatts)**

| REVENUE PRODUCT | COMPANY | CUST ID | CONTRACT | AREF | PRODUCT GROUP | TYPE | Oct-18 | Nov-18 | Dec-18 | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 81800056 | PTP CONFIRMED | RECALL | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 |
| | | | | 81809488 | PTP CONFIRMED | RECALL | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 | -100 |
| | | | | 81809605 | PTP CONFIRMED | RECALL | -7 | -7 | -7 | -7 | -7 | -7 | -7 | -7 | -7 | -7 | -7 | -7 |
| | | | | 81809609 | PTP CONFIRMED | RECALL | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 |
| | | | | 81809611 | PTP CONFIRMED | RECALL | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 |
| | | | | 81809614 | PTP CONFIRMED | RECALL | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 |
| | | | | 81809615 | PTP CONFIRMED | RECALL | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 | -25 |
| | | | | 81827800 | PTP CONFIRMED | DEFERRAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 81827802 | PTP CONFIRMED | DEFERRAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 81827805 | PTP CONFIRMED | DEFERRAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 81827807 | PTP CONFIRMED | DEFERRAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 81827809 | PTP CONFIRMED | DEFERRAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 81827810 | PTP CONFIRMED | DEFERRAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 81916989 | PTP CONFIRMED | DEFERRAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 82427900 | PTP CONFIRMED | DEFERRAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 82428263 | PTP CONFIRMED | DEFERRAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 82428277 | PTP CONFIRMED | DEFERRAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 83662087 | PTP CONFIRMED | DEFERRAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 83691646 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | **PGE Total** | | | | | | **3,960** | **3,960** | **3,960** | **3,960** | **3,960** | **3,960** | **3,960** | **3,960** | **3,960** | **3,960** | **3,960** | **3,960** |
| | PNGC | 10298 | 15TX-16091 | 80767518 | PTP CONFIRMED | ORIGINAL | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | | | | UNKNOWN | PTP SPECULATION | ORIGINAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | **PNGC Total** | | | | | | **9** | **9** | **9** | **9** | **9** | **9** | **9** | **9** | **9** | **9** | **9** | **9** |
| | POTB | 13227 | 13TX-15849 | 78391247 | PTP CONFIRMED | DEFERRAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | **POTB Total** | | | | | | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** |
| | Powerex | 10037 | 96MS-96084 | 1465922 | PTP CONFIRMED | ORIGINAL | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 |
| | | | 99TX-10251 | 74490405 | PTP CONFIRMED | RENEWAL | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | | | | 77478534 | PTP CONFIRMED | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 77821635 | PTP CONFIRMED | RENEWAL | 125 | 125 | 125 | 125 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 125 | 125 | 125 | 125 | 125 | 125 | 125 | 125 |
| | | | | 77821638 | PTP CONFIRMED | RENEWAL | 75 | 75 | 75 | 75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| | | | | 80180555 | PTP CONFIRMED | RENEWAL | 348 | 348 | 348 | 348 | 348 | 348 | 348 | 348 | 348 | 348 | 348 | 348 |

**Table 13.2**
**2019 Long-Term Transmission Demand**
**(MegaWatts)**

| REVENUE PRODUCT | COMPANY | CUST ID | CONTRACT | AREF | PRODUCT GROUP | TYPE | Oct-18 | Nov-18 | Dec-18 | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 81283440 | PTP CONFIRMED | ORIGINAL | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | | | | 81535746 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 81704974 | PTP CONFIRMED | RENEWAL | 193 | 193 | 193 | 193 | 193 | 193 | 193 | 193 | 193 | 193 | 193 | 193 |
| | | | | 81954831 | PTP CONFIRMED | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 82154503 | PTP SPECULATION | RENEWAL | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 |
| | | | | 83427363 | PTP CONFIRMED | RENEWAL | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 |
| | | | | 83824486 | PTP CONFIRMED | RENEWAL | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| | **Powerex Total** | | | | | | **1,315** | **1,315** | **1,315** | **1,315** | **1,315** | **1,315** | **1,315** | **1,315** | **1,315** | **1,315** | **1,315** | **1,315** |
| | Puget | 10325 | 06TX-12195 | 1471793 | PTP CONFIRMED | REDIRECT | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 1471795 | PTP CONFIRMED | REDIRECT | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 1471797 | PTP CONFIRMED | REDIRECT | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 1471799 | PTP CONFIRMED | REDIRECT | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 1471801 | PTP CONFIRMED | REDIRECT | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 1471803 | PTP CONFIRMED | REDIRECT | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 1473142 | PTP CONFIRMED | REDIRECT | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |
| | | | | 71365495 | PTP CONFIRMED | RENEWAL | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |
| | | | | 71984715 | PTP CONFIRMED | REDIRECT | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | | | | 72706601 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 72706605 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 72706606 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 72706608 | PTP CONFIRMED | ORIGINAL | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 |
| | | | | 72813104 | PTP CONFIRMED | ORIGINAL | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | | | 73395728 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 76213391 | PTP CONFIRMED | REDIRECT | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 76213396 | PTP CONFIRMED | REDIRECT | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 76213399 | PTP CONFIRMED | REDIRECT | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 76213403 | PTP CONFIRMED | REDIRECT | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 76213405 | PTP CONFIRMED | REDIRECT | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 76213407 | PTP CONFIRMED | REDIRECT | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 77286223 | PTP CONFIRMED | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 77286231 | PTP CONFIRMED | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 77286242 | PTP CONFIRMED | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 77286250 | PTP CONFIRMED | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | 77565922 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |

**Table 13.2**
**2019 Long-Term Transmission Demand**
**(MegaWatts)**

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **REVENUE PRODUCT** | **COMPANY** | **CUST ID** | **CONTRACT** | **AREF** | **PRODUCT GROUP** | **TYPE** | **Oct-18** | **Nov-18** | **Dec-18** | **Jan-19** | **Feb-19** | **Mar-19** | **Apr-19** | **May-19** | **Jun-19** | **Jul-19** | **Aug-19** | **Sep-19** |
| | | | | | 77565931 | PTP CONFIRMED | ORIGINAL | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| | | | | | 77855235 | PTP CONFIRMED | REDIRECT | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | | | | 77913795 | PTP CONFIRMED | RENEWAL | 35 | 35 | 35 | 35 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| | | | | | 77913798 | PTP CONFIRMED | RENEWAL | 27 | 27 | 27 | 27 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 27 | 27 | 27 | 27 | 27 | 27 | 27 |
| | | | | | 78262265 | PTP CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | | 78510643 | PTP CONFIRMED | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | PTP SPECULATION | RENEWAL | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 |
| | | | | | 78510669 | PTP CONFIRMED | ORIGINAL | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 |
| | | | | | 78510701 | PTP CONFIRMED | RENEWAL | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 0 | 0 |
| | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 300 | 300 |
| | | | | | 78510722 | PTP CONFIRMED | RENEWAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 0 | 0 |
| | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 |
| | | | | | 78527159 | PTP CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 |
| | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 |
| | | | | | 78527166 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 0 | 0 |
| | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 50 |
| | | | | | 78527170 | PTP CONFIRMED | RENEWAL | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 0 | 0 |
| | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150 | 150 |
| | | | | | 78527177 | PTP CONFIRMED | RENEWAL | 263 | 263 | 263 | 263 | 263 | 263 | 263 | 263 | 263 | 263 | 0 | 0 |
| | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 263 | 263 |
| | | | | | 78527185 | PTP CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 |
| | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 |
| | | | | | 78527191 | PTP CONFIRMED | RENEWAL | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 0 | 0 |
| | | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 300 | 300 |
| | | | | | 78859254 | PTP CONFIRMED | RENEWAL | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| | | | | | 78859265 | PTP CONFIRMED | RENEWAL | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| | | | | | 78859267 | PTP CONFIRMED | RENEWAL | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| | | | | | 78859275 | PTP CONFIRMED | RENEWAL | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | | | | | 78859281 | PTP CONFIRMED | RENEWAL | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 |
| | | | | | 78859285 | PTP CONFIRMED | RENEWAL | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 |
| | | | | | 78859287 | PTP CONFIRMED | RENEWAL | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 |

**Table 13.2**
**2019 Long-Term Transmission Demand**
**(MegaWatts)**

| REVENUE PRODUCT | COMPANY | CUST ID | CONTRACT | AREF | PRODUCT GROUP | TYPE | Oct-18 | Nov-18 | Dec-18 | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 78859293 | PTP CONFIRMED | RENEWAL | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 |
| | | | | 78859294 | PTP CONFIRMED | RENEWAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | | | 78859296 | PTP CONFIRMED | RENEWAL | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| | | | | 78859299 | PTP CONFIRMED | RENEWAL | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | | | | 78903869 | PTP CONFIRMED | RENEWAL | 169 | 169 | 169 | 169 | 169 | 169 | 169 | 169 | 169 | 169 | 169 | 169 |
| | | | | 80518661 | PTP CONFIRMED | RENEWAL | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | | | | 80701818 | PTP CONFIRMED | ORIGINAL | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 |
| | | | | 80855662 | PTP CONFIRMED | RENEWAL | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| | | | | 81233853 | PTP CONFIRMED | RENEWAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | | | | 81506896 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 81506901 | PTP CONFIRMED | ORIGINAL | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| | | | | 81687654 | PTP CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 81687662 | PTP CONFIRMED | RENEWAL | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 |
| | | | | 81964408 | PTP CONFIRMED | RECALL | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 |
| | | | | 81964411 | PTP CONFIRMED | RECALL | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 |
| | | | | 82996241 | PTP SPECULATION | ORIGINAL | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| | | | | 82997493 | PTP SPECULATION | ORIGINAL | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| | | | | 83397766 | PTP CONFIRMED | ORIGINAL | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| | | | | 83644714 | PTP CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 83644720 | PTP CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 83644735 | PTP CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 83644748 | PTP CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | **Puget Total** | | | | | | **4,404** | **4,404** | **4,404** | **4,404** | **4,404** | **4,404** | **4,404** | **4,404** | **4,404** | **4,404** | **4,404** | **4,404** |
| | Raft River Energy | 11756 | 07TX-12449 | 1471160 | PTP No SCD CONFIRMED | ORIGINAL | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | **Raft River Energy Total** | | | | | | **12** | **12** | **12** | **12** | **12** | **12** | **12** | **12** | **12** | **12** | **12** | **12** |
| | Sagebrush Power | 10874 | 11TX-15454 | 80073937 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 0 |
| | | | | | PTP SPECULATION | RENEWAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 |
| | **Sagebrush Power Total** | | | | | | **50** | **50** | **50** | **50** | **50** | **50** | **50** | **50** | **50** | **50** | **50** | **50** |
| | SC Edison | 10361 | 10TX-14641 | 75978147 | PTP CONFIRMED | ORIGINAL | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| | | | | 75978181 | PTP CONFIRMED | ORIGINAL | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| | | | | 75978191 | PTP CONFIRMED | ORIGINAL | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 |
| | | | | 75978193 | PTP CONFIRMED | ORIGINAL | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 |
| | | | | 76252286 | PTP CONFIRMED | ORIGINAL | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 |
| | | | | 76252295 | PTP CONFIRMED | ORIGINAL | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 |

**Table 13.2**
**2019 Long-Term Transmission Demand**
**(MegaWatts)**

| REVENUE PRODUCT | COMPANY | CUST ID | CONTRACT | AREF | PRODUCT GROUP | TYPE | Oct-18 | Nov-18 | Dec-18 | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 76252305 | PTP CONFIRMED | ORIGINAL | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 |
| | | | | 76252310 | PTP CONFIRMED | ORIGINAL | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 |
| | | | | 76252318 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | **SC Edison Total** | | | | | | **724** | **724** | **724** | **724** | **724** | **724** | **724** | **724** | **724** | **724** | **724** | **724** |
| | Seattle | 10349 | 96MS-96018 | 1800082 | PTP CONFIRMED | ORIGINAL | 1,023 | 1,023 | 1,023 | 1,023 | 1,023 | 1,023 | 1,023 | 1,023 | 1,023 | 1,023 | 1,023 | 1,023 |
| | | | | 1800521 | PTP CONFIRMED | ORIGINAL | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| | | | | 1800522 | PTP CONFIRMED | ORIGINAL | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| | | | | 1800523 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 1800524 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 1800525 | PTP CONFIRMED | ORIGINAL | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 |
| | | | | 1800526 | PTP CONFIRMED | ORIGINAL | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 |
| | | | | 1800527 | PTP CONFIRMED | ORIGINAL | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| | | | | 1800528 | PTP CONFIRMED | ORIGINAL | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 |
| | | | | 1800529 | PTP CONFIRMED | ORIGINAL | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 |
| | | | | 1800530 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 1800531 | PTP CONFIRMED | ORIGINAL | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 |
| | | | | 1801314 | PTP CONFIRMED | ORIGINAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | | | 1801315 | PTP CONFIRMED | ORIGINAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | | | 1801316 | PTP CONFIRMED | ORIGINAL | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | | | | 1801356 | PTP CONFIRMED | ORIGINAL | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| | | | | 1801399 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 1801474 | PTP CONFIRMED | ORIGINAL | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | | | | 1801824 | PTP CONFIRMED | ORIGINAL | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 |
| | | | | 71852108 | PTP CONFIRMED | ORIGINAL | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 |
| | | | | 73833947 | PTP CONFIRMED | REDIRECT | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | | | | 82828949 | PTP CONFIRMED | REDIRECT | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | **Seattle Total** | | | | | | **1,976** | **1,976** | **1,976** | **1,976** | **1,976** | **1,976** | **1,976** | **1,976** | **1,976** | **1,976** | **1,976** | **1,976** |
| | Shell Energy | 10122 | 00TX-10286 | 81796626 | PTP CONFIRMED | ORIGINAL | 125 | 125 | 125 | 125 | 125 | 125 | 125 | 125 | 125 | 125 | 125 | 125 |
| | **Shell Energy Total** | | | | | | **125** | **125** | **125** | **125** | **125** | **125** | **125** | **125** | **125** | **125** | **125** | **125** |
| | Shiloh Warm Springs | 13742 | 15TX-16087 | 81574081 | PTP No SCD CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | **Shiloh Warm Springs Total** | | | | | | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** |
| | SMUD | 10341 | 02TX-11128 | 77703370 | PTP CONFIRMED | DEFERRAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | PTP SPECULATION | RENEWAL | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |

**Table 13.2**
**2019 Long-Term Transmission Demand**
**(MegaWatts)**

| REVENUE PRODUCT | COMPANY | CUST ID | CONTRACT | AREF | PRODUCT GROUP | TYPE | Oct-18 | Nov-18 | Dec-18 | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 79132005 | PTP CONFIRMED | DEFERRAL | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| | | | | 80652459 | PTP CONFIRMED | RECALL | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 |
| | | | | 81832205 | PTP CONFIRMED | DEFERRAL | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | **SMUD Total** | | | | | | **60** | **60** | **60** | **60** | **60** | **60** | **60** | **60** | **60** | **60** | **60** | **60** |
| | Snohomish | 10354 | 96MS-96092 | 1800028 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 1800080 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 1801078 | PTP CONFIRMED | ORIGINAL | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| | | | | 1801079 | PTP CONFIRMED | ORIGINAL | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 |
| | | | | 1801080 | PTP CONFIRMED | ORIGINAL | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 |
| | | | | 1801081 | PTP CONFIRMED | ORIGINAL | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 |
| | | | | 1801082 | PTP CONFIRMED | ORIGINAL | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 |
| | | | | 1801083 | PTP CONFIRMED | ORIGINAL | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 |
| | | | | 1801084 | PTP CONFIRMED | ORIGINAL | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 |
| | | | | 1801085 | PTP CONFIRMED | ORIGINAL | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 102 |
| | | | | 1801086 | PTP CONFIRMED | ORIGINAL | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 |
| | | | | 1801087 | PTP CONFIRMED | ORIGINAL | 247 | 247 | 247 | 247 | 247 | 247 | 247 | 247 | 247 | 247 | 247 | 247 |
| | | | | 1801163 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 1801362 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 1801500 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 1801823 | PTP CONFIRMED | ORIGINAL | 131 | 131 | 131 | 131 | 131 | 131 | 131 | 131 | 131 | 131 | 131 | 131 |
| | | | | 72150853 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 72150855 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 72150858 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 72150862 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 72150867 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 72150874 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 72150881 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 72436399 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 72436437 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 72566153 | PTP CONFIRMED | ORIGINAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | | 72566175 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 72566200 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | | | | 72673396 | PTP CONFIRMED | RECALL | -75 | -75 | -75 | -75 | -75 | -75 | -75 | -75 | -75 | -75 | -75 | -75 |
| | | | | 73240347 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |

**Table 13.2**
**2019 Long-Term Transmission Demand**
**(MegaWatts)**

| REVENUE PRODUCT | COMPANY | CUST ID | CONTRACT | AREF | PRODUCT GROUP | TYPE | Oct-18 | Nov-18 | Dec-18 | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 73240353 | PTP CONFIRMED | ORIGINAL | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 |
| | **Snohomish Total** | | | | | | **2,069** | **2,069** | **2,069** | **2,069** | **2,069** | **2,069** | **2,069** | **2,069** | **2,069** | **2,069** | **2,069** | **2,069** |
| | Tacoma Power | 10370 | 98TX-10103 | 1472937 | PTP CONFIRMED | ORIGINAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | | | 1800542 | PTP CONFIRMED | ORIGINAL | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| | | | | 1800543 | PTP CONFIRMED | ORIGINAL | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| | | | | 1800544 | PTP CONFIRMED | ORIGINAL | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| | | | | 1800545 | PTP CONFIRMED | ORIGINAL | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | 1800546 | PTP CONFIRMED | ORIGINAL | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 |
| | | | | 1800547 | PTP CONFIRMED | ORIGINAL | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 |
| | | | | 1800548 | PTP CONFIRMED | ORIGINAL | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| | | | | 1800550 | PTP CONFIRMED | ORIGINAL | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 |
| | | | | 1800551 | PTP CONFIRMED | ORIGINAL | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| | | | | 1800565 | PTP CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 1800566 | PTP CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 1800567 | PTP CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 1800568 | PTP CONFIRMED | ORIGINAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | 1800569 | PTP CONFIRMED | ORIGINAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | | | 1800570 | PTP CONFIRMED | ORIGINAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | | | 1800571 | PTP CONFIRMED | ORIGINAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | | | 1800572 | PTP CONFIRMED | ORIGINAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | | | 1800573 | PTP CONFIRMED | ORIGINAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | | | 1800574 | PTP CONFIRMED | ORIGINAL | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | | | | 1801317 | PTP CONFIRMED | ORIGINAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | | | 1801318 | PTP CONFIRMED | ORIGINAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | | | 1801319 | PTP CONFIRMED | ORIGINAL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | | | 1801501 | PTP CONFIRMED | ORIGINAL | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | | | | 75108338 | PTP CONFIRMED | ORIGINAL | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 |
| | | | | 75108469 | PTP CONFIRMED | ORIGINAL | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 |
| | | | | 80062905 | PTP CONFIRMED | REDIRECT | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 |
| | | | | 80062909 | PTP CONFIRMED | REDIRECT | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | | | | 80062920 | PTP CONFIRMED | REDIRECT | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | | | 80062924 | PTP CONFIRMED | REDIRECT | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 |
| | **Tacoma Power Total** | | | | | | **801** | **801** | **801** | **801** | **801** | **801** | **801** | **801** | **801** | **801** | **801** | **801** |

**Table 13.2**
**2019 Long-Term Transmission Demand**
**(MegaWatts)**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | **REVENUE PRODUCT** | **COMPANY** | **CUST ID** | **CONTRACT** | **AREF** | **PRODUCT GROUP** | **TYPE** | **Oct-18** | **Nov-18** | **Dec-18** | **Jan-19** | **Feb-19** | **Mar-19** | **Apr-19** | **May-19** | **Jun-19** | **Jul-19** | **Aug-19** | **Sep-19** |
| 1450 | | | Talen Energy | 11831 | 08TX-13030 | 72408392 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 1452 | | | | | | 73063071 | PTP CONFIRMED | ORIGINAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 1454 | | | **Talen Energy Total** | | | | | | **100** | **100** | **100** | **100** | **100** | **100** | **100** | **100** | **100** | **100** | **100** | **100** |
| 1456 | | | TEMUS | 10381 | 98TX-10172 | 80942698 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 1458 | | | | | | 80942699 | PTP CONFIRMED | RENEWAL | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1460 | | | **TEMUS Total** | | | | | | **150** | **150** | **150** | **150** | **150** | **150** | **150** | **150** | **150** | **150** | **150** | **150** |
| 1462 | | | Turlock Irrigation | 10386 | 00TX-10344 | 422176 | PTP SPECULATION | CONVERSION | 0 | 0 | 0 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 1464 | | | | | | 77517818 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 1466 | | | | | | 77517830 | PTP CONFIRMED | RENEWAL | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 1468 | | | **Turlock Irrigation Total** | | | | | | **100** | **100** | **100** | **150** | **150** | **150** | **150** | **150** | **150** | **150** | **150** | **150** |
| 1470 | | | UAMPS | 10427 | 11TX-15512 | 77309382 | PTP No SCD SPECULATION | RENEWAL | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 |
| 1472 | | | **UAMPS Total** | | | | | | **53** | **53** | **53** | **53** | **53** | **53** | **53** | **53** | **53** | **53** | **53** | **53** |
| 1474 | | | Unk | 0 | UNKNOWN | 82879096 | PTP SPECULATION | ORIGINAL | 0 | 0 | 0 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1476 | | | | | | 82879370 | PTP SPECULATION | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | 10 | 10 | 10 |
| 1478 | | | | | | 82879379 | PTP SPECULATION | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 1480 | | | | | | 82879391 | PTP SPECULATION | ORIGINAL | 0 | 0 | 0 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1482 | | | | | | 82879403 | PTP SPECULATION | ORIGINAL | 0 | 0 | 0 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1484 | | | | | | 82879484 | PTP SPECULATION | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 1486 | | | | | | 82879501 | PTP SPECULATION | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 1488 | | | | | | 82879715 | PTP SPECULATION | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 1490 | | | | | | 82879728 | PTP SPECULATION | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 1492 | | | | | | 82879804 | PTP SPECULATION | ORIGINAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 1494 | | | | | | UNKNOWN | PTP SPECULATION | ORIGINAL | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1496 | | | | | | | | | 0 | 0 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1498 | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 |
| 1500 | | | **Unk Total** | | | | | | **8** | **8** | **19** | **19** | **49** | **49** | **49** | **59** | **119** | **119** | **219** | **219** |
| 1502 | | | Wheat Field Wind | 11868 | 08TX-13610 | 72458260 | PTP CONFIRMED | ORIGINAL | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 |
| 1504 | | | **Wheat Field Wind Total** | | | | | | **97** | **97** | **97** | **97** | **97** | **97** | **97** | **97** | **97** | **97** | **97** | **97** |
| 1506 | | **PTP Network Total** | | | | | | | **26,116** | **26,116** | **26,127** | **26,527** | **26,557** | **26,557** | **26,557** | **26,567** | **26,627** | **26,627** | **26,727** | **26,727** |

**Table 14.1**
**NT Load Forecast at Transmission System Peak**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | **COMPANY** | **CUST ID** | | **PRODUCT** | **OCT** | **NOV** | **DEC** | **JAN** | **FEB** | **MAR** | **APR** | **MAY** | **JUN** | **JUL** | **AUG** | **SEP** |
| 4 | | | | | | | | | | **FISCAL YEAR 2018** | | | | | | |
| 5 | Albion | 10055 | | NT Billing Factor | 0.432 | 0.598 | 0.824 | 0.790 | 0.673 | 0.562 | 0.47 | 0.327 | 0.368 | 0.389 | 0.362 | 0.328 |
| 6 | | | | | | | | | | | | | | | | |
| 7 | Alder | 10005 | | NT Billing Factor | 0.703 | 0.991 | 0.955 | 1.045 | 0.989 | 0.851 | 0.64 | 0.490 | 0.414 | 0.410 | 0.407 | 0.406 |
| 8 | | | | | | | | | | | | | | | | |
| 9 | Ashland | 10057 | | NT Billing Factor | 15.658 | 19.649 | 22.386 | 20.454 | 21.163 | 18.807 | 15.97 | 14.502 | 19.282 | 24.056 | 22.704 | 18.451 |
| 10 | | | | | | | | | | | | | | | | |
| 11 | Asotin PUD | 10015 | | NT Billing Factor | 0.496 | 0.009 | 0.182 | 0.557 | 0.014 | 0.011 | 0.16 | 0.426 | 0.609 | 0.997 | 0.816 | 0.054 |
| 12 | | | | | | | | | | | | | | | | |
| 13 | Avista | 10016 | | NT Billing Factor | 58.372 | 68.699 | 68.424 | 68.176 | 61.860 | 57.763 | 52.71 | 67.319 | 76.190 | 72.994 | 58.422 | 52.060 |
| 14 | | | | | | | | | | | | | | | | |
| 15 | Bandon | 10059 | | NT Billing Factor | 8.908 | 10.422 | 11.417 | 13.431 | 12.307 | 11.643 | 9.48 | 6.702 | 6.147 | 6.266 | 6.430 | 6.291 |
| 16 | | | | | | | | | | | | | | | | |
| 17 | Benton REA | 10025 | | NT Billing Factor | 68.609 | 69.190 | 80.850 | 83.214 | 76.766 | 94.945 | 97.28 | 103.319 | 105.683 | 98.091 | 92.163 | 78.483 |
| 18 | | | | | | | | | | | | | | | | |
| 19 | Big Bend | 10027 | | NT Billing Factor | 50.935 | 45.518 | 51.323 | 47.395 | 41.551 | 36.866 | 63.12 | 92.454 | 123.607 | 129.240 | 117.578 | 96.394 |
| 20 | | | | | | | | | | | | | | | | |
| 21 | Blaine | 10061 | | NT Billing Factor | 10.399 | 12.166 | 12.313 | 12.696 | 12.510 | 10.876 | 9.69 | 8.548 | 8.559 | 9.048 | 8.976 | 8.823 |
| 22 | | | | | | | | | | | | | | | | |
| 23 | Bonners Ferry | 10062 | | NT Billing Factor | 9.912 | 12.401 | 14.010 | 12.225 | 11.926 | 11.154 | 9.44 | 8.260 | 8.666 | 9.298 | 9.399 | 9.109 |
| 24 | | | | Short Distance Discount | -0.815 | -1.152 | -1.325 | -1.285 | -1.317 | -1.568 | -1.68 | -1.673 | -1.692 | -1.249 | -0.705 | -0.649 |
| 25 | | | | | | | | | | | | | | | | |
| 26 | Burley | 10064 | | NT Billing Factor | 14.554 | 17.774 | 19.425 | 19.424 | 18.954 | 16.958 | 14.90 | 13.994 | 16.831 | 19.002 | 18.053 | 15.762 |
| 27 | | | | | | | | | | | | | | | | |
| 28 | Canby | 10044 | | NT Billing Factor | 29.722 | 36.873 | 39.329 | 39.465 | 37.620 | 34.251 | 31.93 | 30.283 | 31.597 | 37.308 | 37.951 | 34.033 |
| 29 | | | | | | | | | | | | | | | | |
| 30 | Cascade Locks | 10065 | | NT Billing Factor | 2.720 | 3.539 | 4.047 | 3.782 | 3.626 | 3.193 | 2.79 | 2.190 | 2.263 | 2.340 | 2.479 | 2.320 |
| 31 | | | | | | | | | | | | | | | | |
| 32 | Central Lincoln | 10047 | | NT Billing Factor | 180.823 | 199.652 | 226.451 | 217.001 | 219.254 | 186.124 | 176.05 | 148.576 | 140.390 | 138.913 | 144.027 | 147.588 |
| 33 | | | | | | | | | | | | | | | | |
| 34 | Centralia | 10066 | | NT Billing Factor | 33.349 | 40.946 | 43.812 | 42.368 | 44.021 | 34.688 | 30.92 | 25.563 | 25.066 | 28.425 | 31.769 | 29.207 |
| 35 | | | | Short Distance Discount | -2.780 | -3.440 | -3.363 | -3.358 | -3.381 | -3.374 | -3.37 | -3.050 | -2.702 | -2.095 | -0.546 | -1.414 |
| 36 | | | | | | | | | | | | | | | | |
| 37 | Cheney | 10067 | | NT Billing Factor | 20.470 | 24.431 | 24.285 | 27.249 | 24.953 | 21.425 | 20.87 | 18.819 | 19.470 | 21.905 | 20.573 | 19.659 |
| 38 | | | | | | | | | | | | | | | | |
| 39 | Chewelah | 10068 | | NT Billing Factor | 3.061 | 3.725 | 4.029 | 4.018 | 3.799 | 3.288 | 3.04 | 2.437 | 2.582 | 3.465 | 3.034 | 2.441 |
| 40 | | | | | | | | | | | | | | | | |
| 41 | Clallam | 10101 | | NT Billing Factor | 98.158 | 124.648 | 144.628 | 134.918 | 128.415 | 134.000 | 97.60 | 72.380 | 57.301 | 62.271 | 65.584 | 60.343 |
| 42 | | | | | | | | | | | | | | | | |
| 43 | Clark | 10103 | | NT Billing Factor | 580.916 | 745.161 | 858.939 | 849.451 | 788.649 | 682.436 | 605.61 | 567.794 | 582.736 | 638.486 | 696.450 | 598.888 |
| 44 | | | | Short Distance Discount | -91.951 | -93.027 | -88.657 | -92.362 | -59.648 | -44.147 | -94.01 | -10.346 | -36.258 | -75.900 | -84.925 | -90.880 |
| 45 | | | | | | | | | | | | | | | | |
| 46 | Columbia Basin | 10109 | | NT Billing Factor | 13.344 | 13.435 | 13.291 | 12.423 | 14.520 | 11.850 | 14.95 | 16.727 | 17.640 | 18.291 | 15.671 | 15.594 |
| 47 | | | | | | | | | | | | | | | | |
| 48 | Columbia Power | 10111 | | NT Billing Factor | 3.058 | 3.893 | 4.708 | 4.348 | 3.968 | 3.439 | 3.11 | 3.459 | 4.329 | 4.700 | 4.423 | 3.874 |
| 49 | | | | | | | | | | | | | | | | |
| 50 | Columbia REA | 10113 | | NT Billing Factor | 36.296 | 34.015 | 32.734 | 29.311 | 30.111 | 29.420 | 32.08 | 50.740 | 73.048 | 82.426 | 77.637 | 58.228 |
| 51 | | | | | | | | | | | | | | | | |
| 52 | Columbia River | 10112 | | NT Billing Factor | 59.340 | 73.189 | 76.955 | 76.257 | 75.084 | 67.751 | 60.14 | 54.326 | 55.621 | 62.824 | 62.824 | 60.049 |
| 53 | | | | | | | | | | | | | | | | |
| 54 | Consolidated | 10116 | | NT Billing Factor | 0.253 | 0.246 | 0.295 | 0.336 | 0.322 | 0.301 | 0.43 | 0.143 | 0.322 | 0.179 | 0.201 | 0.266 |
| 55 | | | | | | | | | | | | | | | | |
| 56 | Coulee Dam | 10378 | | NT Billing Factor | 1.510 | 2.531 | 3.339 | 3.234 | 3.381 | 2.465 | 1.13 | 1.391 | 1.591 | 1.948 | 1.910 | 1.330 |
| 57 | | | | | | | | | | | | | | | | |
| 58 | Cowlitz | 10123 | | NT Billing Factor | 626.518 | 674.955 | 723.703 | 733.357 | 692.247 | 657.226 | 659.99 | 614.607 | 617.628 | 613.994 | 602.445 | 605.875 |
| 59 | | | | | | | | | | | | | | | | |
| 60 | Declo | 10070 | | NT Billing Factor | 0.410 | 0.541 | 0.620 | 0.607 | 0.590 | 0.494 | 0.44 | 0.383 | 0.387 | 0.410 | 0.387 | 0.402 |
| 61 | | | | | | | | | | | | | | | | |
| 62 | DOE-RL | 10426 | | NT Billing Factor | 14.799 | 25.764 | 27.163 | 26.921 | 24.461 | 21.439 | 15.49 | 12.705 | 16.972 | 20.846 | 19.739 | 16.853 |
| 63 | | | | | | | | | | | | | | | | |
| 64 | Drain | 10071 | | NT Billing Factor | 2.181 | 2.604 | 3.145 | 2.926 | 3.140 | 2.768 | 2.34 | 1.934 | 1.698 | 1.967 | 2.086 | 2.050 |
| 65 | | | | | | | | | | | | | | | | |
| 66 | East End | 10142 | | NT Billing Factor | 2.592 | 3.273 | 3.837 | 3.403 | 3.072 | 2.772 | 2.95 | 4.158 | 5.182 | 5.310 | 4.670 | 3.688 |
| 67 | | | | | | | | | | | | | | | | |
| 68 | Eatonville | 10144 | | NT Billing Factor | 3.970 | 5.050 | 6.974 | 5.610 | 6.168 | 5.681 | 3.65 | 3.114 | 2.809 | 2.736 | 2.940 | 2.878 |

**Table 14.1**
**NT Load Forecast at Transmission System Peak**

| COMPANY | CUST ID | PRODUCT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ellensburg | 10072 | NT Billing Factor | 30.340 | 33.880 | 30.860 | 32.759 | 31.463 | 30.817 | 26.97 | 22.659 | 26.300 | 29.185 | 27.067 | 28.876 |
| Elmhurst | 10156 | NT Billing Factor | 44.499 | 57.249 | 69.755 | 61.726 | 65.192 | 54.394 | 44.35 | 29.837 | 26.333 | 33.182 | 30.888 | 29.054 |
| Emerald | 10157 | NT Billing Factor | 81.675 | 98.109 | 113.046 | 108.083 | 110.921 | 101.344 | 78.69 | 80.726 | 77.507 | 87.563 | 86.724 | 80.741 |
| | | Short Distance Discount | -0.049 | -0.051 | -0.041 | -0.035 | -0.048 | -0.058 | -0.04 | -0.038 | -0.035 | -0.047 | -0.052 | -0.041 |
| Energy Northwest | 10158 | NT Billing Factor | 1.894 | 2.261 | 2.927 | 2.785 | 2.479 | 2.359 | 2.14 | 1.899 | 1.896 | 2.356 | 2.338 | 2.099 |
| EWEB | 10170 | NT Billing Factor | 291.640 | 338.876 | 370.117 | 359.316 | 362.487 | 316.633 | 287.99 | 236.617 | 249.665 | 292.253 | 298.354 | 270.527 |
| | | Short Distance Discount | -23.319 | -28.946 | -33.101 | -33.836 | -34.383 | -34.072 | -31.72 | -26.210 | -24.952 | -23.653 | -24.258 | -22.895 |
| Fairchild | 10172 | NT Billing Factor | 5.668 | 6.392 | 6.619 | 6.371 | 6.460 | 6.342 | 5.78 | 5.746 | 6.283 | 6.677 | 6.804 | 6.527 |
| Farmers | 10174 | NT Billing Factor | 0.538 | 0.759 | 0.902 | 0.925 | 0.794 | 0.678 | 0.50 | 0.468 | 0.546 | 0.556 | 0.509 | 0.479 |
| Ferry | 10177 | NT Billing Factor | 11.520 | 15.544 | 16.173 | 15.412 | 14.449 | 12.346 | 11.62 | 9.257 | 8.287 | 8.376 | 8.813 | 8.038 |
| Flathead | 10179 | NT Billing Factor | 210.281 | 259.479 | 295.980 | 285.882 | 264.428 | 228.652 | 216.75 | 180.279 | 183.008 | 215.343 | 215.574 | 177.979 |
| | | Short Distance Discount | -1.470 | -1.441 | -1.445 | -1.294 | -1.285 | -1.543 | -1.44 | -1.260 | -1.397 | -1.190 | -1.337 | -1.581 |
| Forest Grove | 10074 | NT Billing Factor | 35.326 | 42.950 | 43.923 | 49.325 | 48.478 | 42.439 | 35.97 | 32.482 | 35.766 | 39.008 | 40.592 | 38.541 |
| Glacier | 10186 | NT Billing Factor | 22.886 | 26.696 | 30.317 | 29.142 | 31.075 | 27.412 | 21.58 | 19.501 | 21.346 | 23.470 | 21.973 | 20.378 |
| Grant | 10190 | NT Billing Factor | 5.528 | 10.586 | 11.492 | 11.787 | 8.816 | 6.644 | 6.42 | 4.604 | 4.916 | 6.330 | 6.131 | 4.706 |
| Harney | 10197 | NT Billing Factor | 12.320 | 10.868 | 12.270 | 11.468 | 10.533 | 10.960 | 31.89 | 47.401 | 59.861 | 55.081 | 53.674 | 43.070 |
| Hermiston | 10597 | NT Billing Factor | 13.575 | 16.065 | 18.895 | 17.026 | 15.940 | 12.668 | 11.43 | 11.187 | 20.103 | 22.184 | 21.303 | 17.864 |
| Heyburn | 10076 | NT Billing Factor | 7.003 | 8.342 | 9.091 | 9.014 | 8.721 | 7.995 | 6.93 | 6.745 | 7.166 | 7.509 | 7.257 | 6.750 |
| Hood River | 10202 | NT Billing Factor | 18.680 | 20.495 | 21.733 | 19.816 | 18.783 | 19.096 | 15.51 | 12.055 | 11.292 | 13.800 | 16.606 | 17.820 |
| Idaho County | 10203 | NT Billing Factor | 6.958 | 9.990 | 11.352 | 11.460 | 10.274 | 8.814 | 7.35 | 6.656 | 6.772 | 7.769 | 7.494 | 6.180 |
| Idaho Falls Power | 10204 | NT Billing Factor | 89.308 | 113.361 | 127.738 | 129.090 | 124.350 | 102.816 | 92.41 | 79.883 | 94.966 | 100.471 | 98.723 | 83.848 |
| Inland | 10209 | NT Billing Factor | 120.049 | 150.096 | 165.362 | 172.482 | 156.715 | 131.762 | 119.77 | 119.208 | 128.561 | 139.629 | 130.138 | 116.959 |
| Jefferson | 12026 | NT Billing Factor | 47.403 | 58.163 | 73.978 | 62.494 | 64.348 | 61.068 | 45.37 | 34.118 | 36.652 | 36.420 | 34.854 | 31.829 |
| Kittitas | 13916 | NT Billing Factor | 12.686 | 18.972 | 21.235 | 20.043 | 18.805 | 16.221 | 12.52 | 11.884 | 12.112 | 14.944 | 13.791 | 12.386 |
| Klickitat | 10231 | NT Billing Factor | 49.797 | 55.810 | 58.622 | 57.327 | 52.043 | 49.308 | 48.33 | 47.813 | 52.144 | 59.750 | 63.734 | 56.897 |
| Kootenai | 10234 | NT Billing Factor | 61.460 | 85.550 | 98.573 | 82.017 | 72.406 | 71.823 | 56.74 | 54.291 | 62.937 | 72.636 | 69.863 | 61.924 |
| Lakeview | 10235 | NT Billing Factor | 38.159 | 45.390 | 49.259 | 50.170 | 49.469 | 42.898 | 36.78 | 30.639 | 31.938 | 34.112 | 33.762 | 31.912 |
| Lewis | 10237 | NT Billing Factor | 126.525 | 148.393 | 185.178 | 170.750 | 168.198 | 157.341 | 140.21 | 105.059 | 98.413 | 104.403 | 114.671 | 101.762 |
| | | Short Distance Discount | -0.239 | -6.690 | -6.406 | -5.218 | -5.183 | -5.914 | -4.87 | -6.935 | -6.675 | -4.590 | -2.319 | -4.013 |
| Lost River | 10242 | NT Billing Factor | 6.321 | 7.003 | 8.324 | 8.555 | 8.083 | 6.423 | 6.17 | 12.265 | 18.192 | 22.135 | 18.063 | 13.519 |
| Lower Valley | 10244 | NT Billing Factor | 88.077 | 127.056 | 183.642 | 164.077 | 143.903 | 118.391 | 92.03 | 74.532 | 65.506 | 79.137 | 75.361 | 78.444 |
| | | Short Distance Discount | -1.474 | -0.945 | -1.418 | -1.047 | -1.466 | -1.832 | -1.83 | -1.741 | -1.654 | -1.587 | -1.524 | -1.493 |
| Mason 1 | 10246 | NT Billing Factor | 8.325 | 11.088 | 13.709 | 14.083 | 11.927 | 12.163 | 7.67 | 6.388 | 5.357 | 5.487 | 5.539 | 5.541 |
| | | Short Distance Discount | -0.068 | -0.340 | -0.425 | -0.312 | -0.449 | -0.405 | -0.36 | -0.134 | -0.077 | -0.061 | 0.000 | -0.003 |
| Mason 3 | 10247 | NT Billing Factor | 83.844 | 101.857 | 134.541 | 120.062 | 116.695 | 114.555 | 91.78 | 74.618 | 61.904 | 67.852 | 68.974 | 63.106 |

**Table 14.1**
**NT Load Forecast at Transmission System Peak**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | COMPANY | CUST ID | | PRODUCT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
| 134 | McCleary | 10078 | | NT Billing Factor | 4.154 | 5.612 | 5.985 | 5.166 | 5.855 | 5.931 | 4.65 | 3.104 | 2.558 | 3.084 | 3.260 | 2.847 |
| 135 | | | | | | | | | | | | | | | | |
| 136 | McMinnville | 10079 | | NT Billing Factor | 107.541 | 138.699 | 135.216 | 142.339 | 132.983 | 130.019 | 112.34 | 105.519 | 103.832 | 111.078 | 116.433 | 110.240 |
| 137 | | | | Short Distance Discount | -1.635 | -1.692 | -1.754 | -1.778 | -1.283 | -1.750 | -1.82 | -1.794 | -1.648 | -1.449 | -1.185 | -1.341 |
| 138 | | | | | | | | | | | | | | | | |
| 139 | Midstate | 10256 | | NT Billing Factor | 39.977 | 51.116 | 62.661 | 74.890 | 68.655 | 65.892 | 56.14 | 57.204 | 48.409 | 47.972 | 53.175 | 43.768 |
| 140 | | | | | | | | | | | | | | | | |
| 141 | Milton | 10080 | | NT Billing Factor | 7.783 | 10.353 | 12.058 | 11.227 | 10.214 | 9.137 | 7.87 | 6.475 | 6.322 | 7.011 | 7.229 | 6.548 |
| 142 | | | | | | | | | | | | | | | | |
| 143 | Milton-Freewater | 10081 | | NT Billing Factor | 14.476 | 17.830 | 21.657 | 22.947 | 18.821 | 14.807 | 12.51 | 11.210 | 14.609 | 17.180 | 17.150 | 14.466 |
| 144 | | | | | | | | | | | | | | | | |
| 145 | Minidoka | 10082 | | NT Billing Factor | 0.122 | 0.185 | 0.197 | 0.215 | 0.179 | 0.148 | 0.12 | 0.092 | 0.088 | 0.091 | 0.086 | 0.074 |
| 146 | | | | | | | | | | | | | | | | |
| 147 | Mission Valley | 10258 | | NT Billing Factor | 47.612 | 68.747 | 76.052 | 82.528 | 71.959 | 58.388 | 49.00 | 47.681 | 46.656 | 55.957 | 57.046 | 45.310 |
| 148 | | | | Short Distance Discount | -4.490 | -2.993 | -2.993 | -2.993 | -2.993 | -2.993 | -4.49 | -4.451 | -4.490 | -4.490 | -4.490 | -4.490 |
| 149 | | | | | | | | | | | | | | | | |
| 150 | Missoula | 10259 | | NT Billing Factor | 28.864 | 38.136 | 43.005 | 44.104 | 37.912 | 33.087 | 27.73 | 28.580 | 34.539 | 35.015 | 35.661 | 27.018 |
| 151 | | | | | | | | | | | | | | | | |
| 152 | Modern | 10260 | | NT Billing Factor | 33.693 | 36.591 | 41.374 | 42.017 | 38.048 | 32.288 | 29.66 | 26.277 | 36.538 | 40.675 | 37.850 | 33.271 |
| 153 | | | | | | | | | | | | | | | | |
| 154 | Monmouth | 10083 | | NT Billing Factor | 10.989 | 12.907 | 13.590 | 14.303 | 14.024 | 11.961 | 10.60 | 8.481 | 8.596 | 10.252 | 10.303 | 9.392 |
| 155 | | | | | | | | | | | | | | | | |
| 156 | Nespelem | 10273 | | NT Billing Factor | 7.888 | 7.118 | 7.760 | 7.486 | 7.234 | 5.764 | 6.47 | 8.020 | 12.641 | 13.012 | 12.592 | 10.299 |
| 157 | | | | | | | | | | | | | | | | |
| 158 | NETL | 10406 | | NT Billing Factor | 0.555 | 0.816 | 0.924 | 0.961 | 0.961 | 0.826 | 0.66 | 0.501 | 0.400 | 0.470 | 0.460 | 0.432 |
| 159 | | | | | | | | | | | | | | | | |
| 160 | Northern Wasco | 10279 | | NT Billing Factor | 79.203 | 89.886 | 98.931 | 93.732 | 92.829 | 86.119 | 86.21 | 80.416 | 89.480 | 92.647 | 90.186 | 84.697 |
| 161 | | | | | | | | | | | | | | | | |
| 162 | Ohop | 10284 | | NT Billing Factor | 12.487 | 16.584 | 20.906 | 18.051 | 17.907 | 16.740 | 13.07 | 9.230 | 6.861 | 8.405 | 8.424 | 7.236 |
| 163 | | | | | | | | | | | | | | | | |
| 164 | OPALCO | 10288 | | NT Billing Factor | 32.050 | 39.332 | 50.024 | 41.443 | 41.203 | 37.434 | 33.31 | 18.565 | 19.638 | 19.902 | 19.493 | 18.345 |
| 165 | | | | | | | | | | | | | | | | |
| 166 | Oregon Trail | 10291 | | NT Billing Factor | 85.309 | 102.927 | 113.139 | 114.809 | 110.833 | 96.133 | 86.59 | 86.259 | 99.945 | 108.543 | 105.241 | 89.785 |
| 167 | | | | | | | | | | | | | | | | |
| 168 | PAC | 10300 | | NT Billing Factor | 246.493 | 289.284 | 328.356 | 278.389 | 278.767 | 260.055 | 250.19 | 225.009 | 221.843 | 234.471 | 236.793 | 218.748 |
| 169 | | | | Short Distance Discount | -2.940 | -2.540 | -2.140 | -1.740 | -1.235 | -1.741 | -2.51 | -2.562 | -2.840 | -2.943 | -3.040 | -2.940 |
| 170 | | | | | | | | | | | | | | | | |
| 171 | Pacific | 10294 | | NT Billing Factor | 38.644 | 57.129 | 64.560 | 60.169 | 55.776 | 50.843 | 42.85 | 36.733 | 29.318 | 26.063 | 28.652 | 31.814 |
| 172 | | | | | | | | | | | | | | | | |
| 173 | Parkland | 10304 | | NT Billing Factor | 14.142 | 23.461 | 26.258 | 25.379 | 23.583 | 19.687 | 15.13 | 11.140 | 11.659 | 12.901 | 12.940 | 12.540 |
| 174 | | | | | | | | | | | | | | | | |
| 175 | Peninsula | 10307 | | NT Billing Factor | 93.865 | 114.621 | 131.476 | 132.243 | 120.987 | 105.765 | 82.96 | 63.044 | 62.894 | 69.695 | 69.812 | 64.330 |
| 176 | | | | | | | | | | | | | | | | |
| 177 | Plummer | 10086 | | NT Billing Factor | 3.885 | 5.180 | 5.985 | 5.851 | 5.694 | 5.484 | 4.70 | 3.371 | 3.385 | 3.413 | 3.667 | 3.313 |
| 178 | | | | | | | | | | | | | | | | |
| 179 | PNGC | 10298 | Blachly-Lane | NT Billing Factor | 22.700 | 25.147 | 28.092 | 26.790 | 28.689 | 27.754 | 23.56 | 20.307 | 18.543 | 21.295 | 22.196 | 19.671 |
| 180 | | | | | | | | | | | | | | | | |
| 181 | | | CEC | NT Billing Factor | 83.294 | 132.466 | 180.437 | 129.646 | 118.535 | 112.452 | 93.88 | 96.118 | 107.425 | 116.144 | 108.695 | 97.494 |
| 182 | | | | | | | | | | | | | | | | |
| 183 | | | Clearwater | NT Billing Factor | 29.443 | 39.827 | 43.062 | 39.803 | 37.779 | 33.451 | 30.12 | 23.316 | 23.058 | 25.232 | 25.049 | 22.268 |
| 184 | | | | | | | | | | | | | | | | |
| 185 | | | Consumers | NT Billing Factor | 38.224 | 44.149 | 52.311 | 53.829 | 49.674 | 42.625 | 40.01 | 30.408 | 26.995 | 36.049 | 38.701 | 32.344 |
| 186 | | | | | | | | | | | | | | | | |
| 187 | | | Coos-Curry | NT Billing Factor | 45.630 | 54.427 | 62.304 | 61.993 | 58.167 | 56.470 | 48.31 | 40.768 | 35.699 | 37.223 | 39.719 | 41.161 |
| 188 | | | | | | | | | | | | | | | | |
| 189 | | | Douglas Elec | NT Billing Factor | 22.312 | 26.994 | 31.674 | 31.834 | 30.021 | 27.641 | 24.80 | 18.093 | 18.166 | 22.113 | 23.294 | 19.127 |
| 190 | | | | | | | | | | | | | | | | |
| 191 | | | Fall River | NT Billing Factor | 32.393 | 44.102 | 57.463 | 53.179 | 48.989 | 40.342 | 31.51 | 31.489 | 52.557 | 62.481 | 40.174 | 30.737 |
| 192 | | | | | | | | | | | | | | | | |
| 193 | | | Lane Electric | NT Billing Factor | 45.056 | 55.738 | 61.596 | 65.449 | 63.804 | 52.678 | 48.60 | 32.323 | 28.804 | 34.392 | 34.790 | 31.039 |
| 194 | | | | Short Distance Discount | -0.857 | -1.062 | -1.367 | -1.199 | -1.678 | -2.468 | -3.33 | -3.795 | -3.332 | -2.718 | -1.538 | -1.008 |
| 195 | | | | | | | | | | | | | | | | |
| 196 | | | Lincoln | NT Billing Factor | 14.380 | 22.106 | 24.833 | 19.364 | 19.180 | 19.120 | 12.52 | 11.667 | 10.118 | 11.587 | 11.487 | 10.390 |
| 197 | | | | | | | | | | | | | | | | |
| 198 | | | Northern Lights | NT Billing Factor | 44.216 | 58.816 | 71.148 | 58.355 | 50.064 | 52.699 | 40.03 | 34.045 | 33.330 | 37.248 | 38.270 | 35.582 |

**Table 14.1**
**NT Load Forecast at Transmission System Peak**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | COMPANY | CUST ID | | PRODUCT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
| 199 | | | | | | | | | | | | | | | | |
| 200 | | | Okanogan Coop | NT Billing Factor | 7.808 | 12.339 | 14.671 | 15.014 | 12.074 | 9.303 | 7.36 | 6.358 | 6.329 | 7.218 | 7.165 | 5.951 |
| 201 | | | | | | | | | | | | | | | | |
| 202 | | | Raft River | NT Billing Factor | 15.684 | 19.030 | 21.438 | 22.011 | 19.984 | 18.646 | 26.82 | 54.179 | 68.536 | 73.471 | 63.411 | 53.300 |
| 203 | | | | | | | | | | | | | | | | |
| 204 | | | UEC | NT Billing Factor | 143.001 | 173.182 | 185.570 | 168.398 | 165.955 | 167.306 | 180.10 | 210.782 | 294.351 | 319.350 | 303.574 | 269.865 |
| 205 | | | | | | | | | | | | | | | | |
| 206 | | | West Oregon | NT Billing Factor | 11.029 | 12.578 | 13.728 | 13.054 | 13.025 | 12.558 | 10.84 | 8.265 | 6.933 | 7.823 | 7.756 | 6.871 |
| 207 | | | | | | | | | | | | | | | | |
| 208 | Port | 10706 | | NT Billing Factor | 16.283 | 16.619 | 16.903 | 20.334 | 20.600 | 20.674 | 19.52 | 19.233 | 22.427 | 22.748 | 23.166 | 21.426 |
| 209 | | | | | | | | | | | | | | | | |
| 210 | Port Angeles | 10087 | | NT Billing Factor | 35.251 | 48.460 | 51.309 | 50.580 | 55.405 | 39.120 | 30.05 | 29.559 | 27.024 | 21.132 | 19.076 | 19.715 |
| 211 | | | | | | | | | | | | | | | | |
| 212 | Port Townsend Paper | 10312 | | NT Billing Factor | 20.617 | 18.431 | 18.796 | 16.834 | 16.469 | 15.466 | 16.65 | 17.896 | 18.315 | 16.003 | 18.916 | 15.279 |
| 213 | | | | | | | | | | | | | | | | |
| 214 | Ravalli County | 10333 | | NT Billing Factor | 15.987 | 24.096 | 27.107 | 27.247 | 22.679 | 17.916 | 16.60 | 18.788 | 21.873 | 20.849 | 21.382 | 15.287 |
| 215 | | | | | | | | | | | | | | | | |
| 216 | Richland | 10089 | | NT Billing Factor | 120.316 | 142.196 | 155.001 | 172.347 | 158.952 | 127.785 | 109.16 | 125.562 | 157.369 | 179.174 | 177.646 | 153.593 |
| 217 | | | | | | | | | | | | | | | | |
| 218 | Riverside Electric | 10338 | | NT Billing Factor | 2.494 | 3.532 | 4.004 | 3.277 | 3.507 | 3.081 | 2.31 | 2.258 | 3.736 | 4.108 | 3.255 | 2.641 |
| 219 | | | | | | | | | | | | | | | | |
| 220 | Rupert | 10091 | | NT Billing Factor | 9.883 | 13.843 | 15.094 | 15.206 | 14.668 | 12.302 | 11.37 | 9.439 | 10.455 | 11.341 | 10.612 | 9.541 |
| 221 | | | | | | | | | | | | | | | | |
| 222 | Salem | 10342 | | NT Billing Factor | 47.750 | 55.869 | 62.684 | 56.892 | 51.969 | 49.292 | 42.87 | 43.406 | 46.574 | 59.611 | 61.286 | 52.719 |
| 223 | | | | | | | | | | | | | | | | |
| 224 | Salmon River | 10343 | | NT Billing Factor | 9.381 | 12.375 | 15.701 | 15.743 | 12.909 | 11.319 | 8.71 | 8.739 | 11.168 | 10.336 | 11.623 | 10.041 |
| 225 | | | | | | | | | | | | | | | | |
| 226 | Skamania | 10352 | | NT Billing Factor | 20.791 | 25.449 | 28.008 | 30.517 | 23.980 | 25.888 | 21.91 | 16.412 | 16.753 | 16.298 | 16.305 | 16.851 |
| 227 | | | | | | | | | | | | | | | | |
| 228 | Soda Springs | 10094 | | NT Billing Factor | 3.635 | 4.312 | 4.789 | 4.516 | 4.343 | 3.925 | 3.70 | 3.119 | 3.353 | 3.460 | 3.472 | 3.248 |
| 229 | | | | | | | | | | | | | | | | |
| 230 | South Side | 10360 | | NT Billing Factor | 5.463 | 5.342 | 6.212 | 6.470 | 6.215 | 5.153 | 6.53 | 9.319 | 15.342 | 14.434 | 11.337 | 8.924 |
| 231 | | | | | | | | | | | | | | | | |
| 232 | Steilacoom | 10379 | | NT Billing Factor | 6.669 | 8.923 | 9.626 | 8.984 | 8.757 | 7.457 | 5.66 | 4.891 | 3.898 | 4.381 | 4.544 | 4.439 |
| 233 | | | | | | | | | | | | | | | | |
| 234 | SUB | 10363 | | NT Billing Factor | 110.887 | 138.180 | 151.029 | 142.727 | 145.629 | 122.162 | 108.87 | 91.373 | 98.096 | 111.568 | 115.042 | 106.177 |
| 235 | | | | | | | | | | | | | | | | |
| 236 | Sumas | 10095 | | NT Billing Factor | 3.859 | 4.479 | 4.869 | 4.084 | 4.900 | 4.734 | 4.37 | 3.997 | 3.916 | 4.203 | 4.172 | 3.863 |
| 237 | | | | | | | | | | | | | | | | |
| 238 | Surprise Valley | 10369 | | NT Billing Factor | 14.098 | 14.035 | 16.334 | 16.413 | 14.970 | 13.552 | 19.67 | 25.982 | 32.545 | 34.998 | 31.903 | 25.346 |
| 239 | | | | | | | | | | | | | | | | |
| 240 | Tanner | 10371 | | NT Billing Factor | 13.260 | 17.947 | 19.622 | 18.419 | 17.620 | 16.881 | 12.24 | 10.689 | 10.961 | 12.939 | 11.667 | 10.693 |
| 241 | | | | | | | | | | | | | | | | |
| 242 | Tillamook | 10376 | | NT Billing Factor | 70.443 | 81.735 | 89.614 | 84.168 | 79.039 | 75.673 | 70.11 | 49.897 | 42.934 | 42.805 | 43.097 | 44.953 |
| 243 | | | | | | | | | | | | | | | | |
| 244 | Troy | 10097 | | NT Billing Factor | 2.151 | 2.819 | 3.420 | 3.093 | 3.336 | 2.817 | 2.34 | 1.766 | 1.444 | 1.675 | 1.685 | 1.441 |
| 245 | | | | | | | | | | | | | | | | |
| 246 | UIUC | 10482 | | NT Billing Factor | 4.878 | 5.854 | 5.455 | 5.123 | 5.747 | 5.456 | 4.91 | 5.483 | 5.364 | 5.246 | 5.629 | 5.413 |
| 247 | | | | | | | | | | | | | | | | |
| 248 | United Electric | 10391 | | NT Billing Factor | 21.827 | 29.327 | 33.775 | 32.034 | 30.865 | 25.839 | 26.77 | 31.820 | 42.212 | 44.808 | 36.627 | 28.872 |
| 249 | | | | | | | | | | | | | | | | |
| 250 | USN Bangor | 10409 | | NT Billing Factor | 19.496 | 23.605 | 26.665 | 23.790 | 23.394 | 21.634 | 19.59 | 18.785 | 17.753 | 17.786 | 18.074 | 18.184 |
| 251 | | | | | | | | | | | | | | | | |
| 252 | USN Bremerton | 10326 | | NT Billing Factor | 31.714 | 32.596 | 39.554 | 33.572 | 29.810 | 30.344 | 28.94 | 25.803 | 28.337 | 30.294 | 28.740 | 30.748 |
| 253 | | | | | | | | | | | | | | | | |
| 254 | USN Everett | 10408 | | NT Billing Factor | 1.435 | 1.660 | 1.788 | 1.806 | 1.674 | 1.574 | 1.53 | 1.488 | 1.103 | 0.993 | 1.047 | 1.207 |
| 255 | | | | | | | | | | | | | | | | |
| 256 | Vera | 10434 | | NT Billing Factor | 34.671 | 42.927 | 46.048 | 42.687 | 44.289 | 38.093 | 32.25 | 28.883 | 35.594 | 42.642 | 41.715 | 36.601 |
| 257 | | | | | | | | | | | | | | | | |
| 258 | Vigilante | 10436 | | NT Billing Factor | 17.949 | 21.795 | 25.726 | 25.106 | 22.724 | 17.552 | 18.05 | 29.919 | 37.142 | 40.036 | 33.053 | 24.663 |
| 259 | | | | | | | | | | | | | | | | |
| 260 | Wahkiakum | 10440 | | NT Billing Factor | 3.323 | 4.340 | 4.532 | 5.493 | 4.255 | 3.761 | 3.04 | 2.589 | 1.826 | 2.089 | 2.183 | 2.777 |
| 261 | | | | | | | | | | | | | | | | |
| 262 | Wasco | 10442 | | NT Billing Factor | 10.569 | 15.832 | 18.498 | 17.431 | 16.370 | 12.201 | 10.61 | 11.487 | 15.191 | 16.593 | 14.873 | 11.437 |
| 263 | | | | | | | | | | | | | | | | |

## Table 14.1
## NT Load Forecast at Transmission System Peak

| COMPANY | CUST ID | PRODUCT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Weiser | 11680 | NT Billing Factor | 6.701 | 8.230 | 8.901 | 9.151 | 8.920 | 7.526 | 6.53 | 6.678 | 8.580 | 9.848 | 10.308 | 8.392 |
| Whatcom | 10451 | NT Billing Factor | 27.384 | 27.623 | 27.665 | 27.543 | 27.695 | 28.136 | 27.14 | 26.265 | 27.184 | 26.925 | 27.307 | 27.105 |
| WREC | 10446 | NT Billing Factor | 90.033 | 100.647 | 103.566 | 105.575 | 103.069 | 96.300 | 85.28 | 71.700 | 96.770 | 90.132 | 96.838 | 93.548 |
| Yakama | 10502 | NT Billing Factor | 6.554 | 6.391 | 6.158 | 6.329 | 6.596 | 6.408 | 6.04 | 5.679 | 6.642 | 7.512 | 7.888 | 7.264 |
| **NT Billing Factor** | | | **5,755.407** | **6,964.052** | **7,866.900** | **7,590.298** | **7,226.068** | **6,529.383** | **5,935.476** | **5,520.820** | **5,903.653** | **6,362.583** | **6,316.886** | **5,702.144** |
| **Short Distance Discount** | | | **-132.088** | **-144.319** | **-144.435** | **-146.456** | **-114.347** | **-101.865** | **-151.478** | **-63.989** | **-87.753** | **-121.972** | **-125.920** | **-132.748** |

**Fiscal Year** **2019**

| COMPANY | CUST ID | PRODUCT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | **FISCAL YEAR 2019** | | | | | | |
| Albion | 10055 | NT Billing Factor | 0.433 | 0.600 | 0.825 | 0.791 | 0.674 | 0.563 | 0.47 | 0.327 | 0.370 | 0.390 | 0.363 | 0.329 |
| Alder | 10005 | NT Billing Factor | 0.703 | 0.991 | 0.955 | 1.045 | 0.989 | 0.851 | 0.64 | 0.490 | 0.414 | 0.418 | 0.415 | 0.412 |
| Ashland | 10057 | NT Billing Factor | 15.658 | 19.649 | 22.386 | 20.454 | 21.163 | 18.807 | 15.97 | 14.502 | 19.282 | 24.056 | 22.704 | 18.451 |
| Asotin PUD | 10015 | NT Billing Factor | 0.504 | 0.009 | 0.185 | 0.566 | 0.015 | 0.011 | 0.16 | 0.433 | 0.619 | 1.013 | 0.830 | 0.055 |
| Avista | 10016 | NT Billing Factor | 58.426 | 76.122 | 82.609 | 69.173 | 68.043 | 64.136 | 57.28 | 61.941 | 80.032 | 81.236 | 65.866 | 48.884 |
| Bandon | 10059 | NT Billing Factor | 8.930 | 10.448 | 11.446 | 13.465 | 12.337 | 11.673 | 9.50 | 6.718 | 6.162 | 6.282 | 6.445 | 6.306 |
| Benton REA | 10025 | NT Billing Factor | 69.697 | 70.278 | 82.107 | 84.529 | 77.980 | 95.944 | 98.41 | 104.583 | 107.128 | 99.760 | 93.751 | 79.862 |
| Big Bend | 10027 | NT Billing Factor | 51.479 | 46.245 | 52.049 | 48.087 | 42.200 | 37.465 | 63.73 | 93.102 | 124.364 | 130.014 | 118.335 | 97.104 |
| Blaine | 10061 | NT Billing Factor | 10.399 | 12.175 | 12.321 | 12.714 | 12.519 | 10.885 | 9.70 | 8.557 | 8.567 | 9.048 | 8.985 | 8.832 |
| Bonners Ferry | 10062 | NT Billing Factor | 9.939 | 12.431 | 14.040 | 12.253 | 11.956 | 11.183 | 9.47 | 8.286 | 8.693 | 9.326 | 9.428 | 9.138 |
| | | Short Distance Discount | -0.815 | -1.152 | -1.325 | -1.285 | -1.317 | -1.568 | -1.68 | -1.673 | -1.692 | -1.249 | -0.705 | -0.649 |
| Burley | 10064 | NT Billing Factor | 14.598 | 17.827 | 19.485 | 19.484 | 19.011 | 17.010 | 14.94 | 14.036 | 16.881 | 19.059 | 18.107 | 15.810 |
| Canby | 10044 | NT Billing Factor | 29.900 | 37.046 | 39.486 | 39.610 | 37.769 | 34.397 | 32.08 | 30.440 | 31.750 | 37.469 | 38.107 | 34.189 |
| Cascade Locks | 10065 | NT Billing Factor | 2.720 | 3.539 | 4.047 | 3.782 | 3.626 | 3.193 | 2.79 | 2.190 | 2.263 | 2.340 | 2.479 | 2.320 |
| Central Lincoln | 10047 | NT Billing Factor | 181.273 | 200.147 | 227.011 | 217.540 | 219.797 | 186.587 | 176.48 | 148.945 | 140.739 | 139.258 | 144.383 | 147.956 |
| Centralia | 10066 | NT Billing Factor | 33.363 | 40.968 | 43.834 | 42.390 | 44.056 | 34.708 | 30.94 | 25.576 | 25.083 | 28.448 | 31.780 | 29.218 |
| | | Short Distance Discount | -2.780 | -3.440 | -3.363 | -3.358 | -3.381 | -3.374 | -3.37 | -3.050 | -2.702 | -2.095 | -0.546 | -1.414 |
| Cheney | 10067 | NT Billing Factor | 20.726 | 24.737 | 24.589 | 27.590 | 26.168 | 21.693 | 21.13 | 19.054 | 19.713 | 22.180 | 20.830 | 19.905 |
| Chewelah | 10068 | NT Billing Factor | 3.067 | 3.733 | 4.037 | 4.026 | 3.806 | 3.295 | 3.05 | 2.442 | 2.587 | 3.472 | 3.040 | 2.446 |
| Clallam | 10101 | NT Billing Factor | 98.897 | 125.476 | 145.477 | 135.688 | 129.165 | 134.851 | 98.30 | 73.182 | 58.012 | 63.122 | 66.456 | 61.010 |
| Clark | 10103 | NT Billing Factor | 582.371 | 747.028 | 861.089 | 851.578 | 790.624 | 684.144 | 607.13 | 569.217 | 584.195 | 640.084 | 698.193 | 600.387 |
| | | Short Distance Discount | -91.951 | -93.027 | -88.657 | -92.362 | -59.648 | -44.147 | -94.01 | -10.346 | -36.258 | -75.900 | -84.925 | -90.880 |
| Columbia Basin | 10109 | NT Billing Factor | 13.370 | 13.463 | 13.312 | 12.457 | 14.546 | 11.873 | 14.98 | 16.759 | 17.673 | 18.326 | 15.710 | 15.627 |
| Columbia Power | 10111 | NT Billing Factor | 3.066 | 3.900 | 4.716 | 4.348 | 3.976 | 3.447 | 3.12 | 3.467 | 4.329 | 4.700 | 4.432 | 3.874 |
| Columbia REA | 10113 | NT Billing Factor | 37.323 | 35.095 | 33.917 | 30.417 | 31.893 | 30.342 | 32.98 | 51.831 | 74.459 | 83.912 | 79.136 | 59.569 |

**Table 14.1**
**NT Load Forecast at Transmission System Peak**

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **COMPANY** | **CUST ID** | | **PRODUCT** | **OCT** | **NOV** | **DEC** | **JAN** | **FEB** | **MAR** | **APR** | **MAY** | **JUN** | **JUL** | **AUG** | **SEP** |
| Columbia River | 10112 | | NT Billing Factor | 59.456 | 73.330 | 77.105 | 76.405 | 75.231 | 67.881 | 60.25 | 54.432 | 55.730 | 62.948 | 62.947 | 60.166 |
| Consolidated | 10116 | | NT Billing Factor | 0.254 | 0.248 | 0.297 | 0.337 | 0.335 | 0.302 | 0.44 | 0.144 | 0.324 | 0.180 | 0.202 | 0.268 |
| Coulee Dam | 10378 | | NT Billing Factor | 2.441 | 3.500 | 4.572 | 3.891 | 3.309 | 3.182 | 1.53 | 1.469 | 2.063 | 2.174 | 2.339 | 2.298 |
| Cowlitz | 10123 | | NT Billing Factor | 649.878 | 697.674 | 748.257 | 760.350 | 706.219 | 685.139 | 673.62 | 623.931 | 631.360 | 618.872 | 604.083 | 607.982 |
| Declo | 10070 | | NT Billing Factor | 0.411 | 0.541 | 0.620 | 0.608 | 0.591 | 0.495 | 0.44 | 0.384 | 0.387 | 0.411 | 0.387 | 0.402 |
| DOE-RL | 10426 | | NT Billing Factor | 21.049 | 36.084 | 39.146 | 38.779 | 35.119 | 31.078 | 22.26 | 18.523 | 24.102 | 29.131 | 27.495 | 23.511 |
| Drain | 10071 | | NT Billing Factor | 2.187 | 2.610 | 3.153 | 2.933 | 3.148 | 2.775 | 2.35 | 1.939 | 1.702 | 1.972 | 2.091 | 2.055 |
| East End | 10142 | | NT Billing Factor | 2.639 | 3.331 | 3.898 | 3.460 | 3.126 | 2.827 | 3.01 | 4.219 | 5.242 | 5.371 | 4.733 | 3.749 |
| Eatonville | 10144 | | NT Billing Factor | 3.978 | 5.060 | 6.988 | 5.621 | 6.181 | 5.692 | 3.66 | 3.120 | 2.814 | 2.742 | 2.946 | 2.884 |
| Ellensburg | 10072 | | NT Billing Factor | 30.580 | 34.178 | 31.178 | 33.063 | 31.782 | 31.093 | 27.17 | 22.794 | 26.438 | 29.312 | 27.203 | 28.971 |
| Elmhurst | 10156 | | NT Billing Factor | 44.933 | 54.867 | 69.775 | 65.570 | 62.317 | 50.569 | 34.98 | 26.695 | 24.096 | 30.657 | 30.248 | 26.405 |
| Emerald | 10157 | | NT Billing Factor | 82.172 | 98.681 | 113.691 | 108.701 | 111.538 | 101.924 | 79.16 | 81.209 | 77.971 | 88.082 | 87.241 | 81.222 |
| | | | Short Distance Discount | -0.049 | -0.051 | -0.041 | -0.035 | -0.048 | -0.058 | -0.04 | -0.038 | -0.035 | -0.047 | -0.052 | -0.041 |
| Energy Northwest | 10158 | | NT Billing Factor | 1.894 | 2.261 | 2.927 | 2.785 | 2.479 | 2.359 | 2.14 | 1.899 | 1.896 | 2.356 | 2.338 | 2.099 |
| EWEB | 10170 | | NT Billing Factor | 293.024 | 340.474 | 371.829 | 361.007 | 364.181 | 318.130 | 289.37 | 237.751 | 250.887 | 293.636 | 299.725 | 271.800 |
| | | | Short Distance Discount | -23.319 | -28.946 | -33.101 | -33.836 | -34.383 | -34.072 | -31.72 | -26.210 | -24.952 | -23.653 | -24.258 | -22.895 |
| Fairchild | 10172 | | NT Billing Factor | 5.682 | 6.408 | 6.636 | 6.387 | 6.707 | 6.358 | 5.79 | 5.761 | 6.298 | 6.694 | 6.821 | 6.543 |
| Farmers | 10174 | | NT Billing Factor | 0.538 | 0.759 | 0.902 | 0.925 | 0.794 | 0.678 | 0.50 | 0.468 | 0.546 | 0.556 | 0.509 | 0.479 |
| Ferry | 10177 | | NT Billing Factor | 9.941 | 13.898 | 14.618 | 15.449 | 15.002 | 12.376 | 11.64 | 9.279 | 8.308 | 8.396 | 8.835 | 8.058 |
| Flathead | 10179 | | NT Billing Factor | 212.754 | 262.561 | 299.548 | 289.255 | 278.264 | 231.386 | 219.35 | 182.496 | 185.394 | 217.897 | 218.127 | 180.119 |
| | | | Short Distance Discount | -1.470 | -1.441 | -1.445 | -1.294 | -1.285 | -1.543 | -1.44 | -1.260 | -1.397 | -1.190 | -1.337 | -1.581 |
| Forest Grove | 10074 | | NT Billing Factor | 39.215 | 45.888 | 45.457 | 49.668 | 48.812 | 42.729 | 36.21 | 32.700 | 36.017 | 39.278 | 40.884 | 38.816 |
| Glacier | 10186 | | NT Billing Factor | 23.001 | 26.830 | 30.469 | 29.288 | 31.230 | 27.549 | 21.68 | 19.599 | 21.453 | 23.588 | 22.083 | 20.480 |
| Grant | 10190 | | NT Billing Factor | 5.588 | 10.653 | 11.555 | 11.855 | 8.878 | 6.699 | 6.48 | 4.659 | 4.977 | 6.397 | 6.196 | 4.767 |
| Harney | 10197 | | NT Billing Factor | 12.320 | 10.868 | 12.270 | 11.468 | 10.533 | 10.960 | 31.89 | 47.401 | 59.861 | 55.081 | 53.674 | 43.070 |
| Hermiston | 10597 | | NT Billing Factor | 13.575 | 16.065 | 18.895 | 17.026 | 15.940 | 12.668 | 11.43 | 11.187 | 20.103 | 22.184 | 21.303 | 17.864 |
| Heyburn | 10076 | | NT Billing Factor | 7.109 | 8.513 | 9.295 | 9.280 | 8.893 | 8.163 | 7.08 | 6.810 | 7.235 | 7.581 | 7.327 | 6.815 |
| Hood River | 10202 | | NT Billing Factor | 18.906 | 20.733 | 21.973 | 20.033 | 19.000 | 19.330 | 15.71 | 12.231 | 11.495 | 14.026 | 16.839 | 18.057 |
| Idaho County | 10203 | | NT Billing Factor | 6.986 | 10.032 | 11.399 | 11.507 | 10.686 | 8.850 | 7.38 | 6.684 | 6.801 | 7.802 | 7.526 | 6.204 |
| Idaho Falls Power | 10204 | | NT Billing Factor | 89.362 | 113.416 | 127.792 | 129.145 | 124.404 | 102.867 | 92.46 | 79.935 | 95.020 | 100.527 | 98.778 | 83.901 |
| Inland | 10209 | | NT Billing Factor | 118.364 | 147.571 | 162.854 | 173.439 | 163.209 | 132.503 | 120.44 | 119.896 | 129.307 | 140.449 | 130.891 | 117.624 |
| Jefferson | 12026 | | NT Billing Factor | 47.588 | 58.362 | 74.209 | 62.681 | 64.536 | 61.275 | 45.54 | 34.315 | 36.875 | 36.654 | 35.090 | 32.017 |
| Kittitas | 13916 | | NT Billing Factor | 12.689 | 18.978 | 21.238 | 20.048 | 18.811 | 16.225 | 12.60 | 11.963 | 12.192 | 15.040 | 13.878 | 12.467 |
| Klickitat | 10231 | | NT Billing Factor | 50.046 | 56.089 | 58.915 | 57.614 | 52.303 | 49.555 | 48.57 | 48.052 | 52.405 | 60.049 | 64.053 | 57.182 |

**Table 14.1**
**NT Load Forecast at Transmission System Peak**

| COMPANY | CUST ID | | PRODUCT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kootenai | 10234 | | NT Billing Factor | 61.780 | 85.892 | 98.919 | 82.324 | 72.617 | 72.160 | 57.03 | 54.596 | 63.295 | 73.005 | 70.222 | 62.273 |
| Lakeview | 10235 | | NT Billing Factor | 38.311 | 45.571 | 49.456 | 50.371 | 49.667 | 43.070 | 36.93 | 30.761 | 32.065 | 34.249 | 33.896 | 32.039 |
| Lewis | 10237 | | NT Billing Factor | 126.833 | 148.735 | 185.603 | 168.235 | 167.181 | 156.180 | 135.85 | 99.879 | 96.309 | 104.665 | 115.095 | 101.383 |
| | | | Short Distance Discount | -0.239 | -6.690 | -6.406 | -5.218 | -5.183 | -5.914 | -4.87 | -6.935 | -6.675 | -4.590 | -2.319 | -4.013 |
| Lost River | 10242 | | NT Billing Factor | 6.383 | 7.071 | 8.393 | 8.626 | 8.153 | 6.487 | 6.23 | 12.429 | 18.404 | 22.364 | 18.287 | 13.722 |
| Lower Valley | 10244 | | NT Billing Factor | 89.120 | 128.213 | 184.911 | 165.257 | 144.969 | 119.460 | 93.03 | 75.454 | 66.548 | 80.424 | 76.561 | 79.450 |
| | | | Short Distance Discount | -1.474 | -0.945 | -1.418 | -1.047 | -1.466 | -1.832 | -1.83 | -1.741 | -1.654 | -1.587 | -1.524 | -1.493 |
| Mason 1 | 10246 | | NT Billing Factor | 8.350 | 11.119 | 13.747 | 14.123 | 11.961 | 12.198 | 7.69 | 6.408 | 5.373 | 5.504 | 5.557 | 5.559 |
| | | | Short Distance Discount | -0.068 | -0.340 | -0.425 | -0.312 | -0.449 | -0.405 | -0.36 | -0.134 | -0.077 | -0.061 | 0.000 | -0.003 |
| Mason 3 | 10247 | | NT Billing Factor | 88.177 | 107.121 | 139.081 | 124.933 | 121.824 | 119.200 | 95.80 | 79.578 | 66.337 | 72.204 | 73.399 | 63.440 |
| McCleary | 10078 | | NT Billing Factor | 4.158 | 5.617 | 5.991 | 5.171 | 5.861 | 5.937 | 4.65 | 3.107 | 2.561 | 3.087 | 3.263 | 2.850 |
| McMinnville | 10079 | | NT Billing Factor | 108.029 | 139.285 | 135.780 | 142.868 | 133.491 | 130.583 | 112.81 | 105.994 | 104.278 | 111.507 | 116.882 | 110.742 |
| | | | Short Distance Discount | -1.635 | -1.692 | -1.754 | -1.778 | -1.283 | -1.750 | -1.82 | -1.794 | -1.648 | -1.449 | -1.185 | -1.341 |
| Midstate | 10256 | | NT Billing Factor | 39.977 | 51.116 | 62.661 | 74.890 | 68.655 | 65.892 | 56.14 | 57.204 | 48.409 | 47.972 | 53.175 | 43.768 |
| Milton | 10080 | | NT Billing Factor | 7.818 | 10.400 | 12.114 | 11.278 | 10.260 | 9.178 | 7.91 | 6.504 | 6.349 | 7.042 | 7.261 | 6.577 |
| Milton-Freewater | 10081 | | NT Billing Factor | 14.476 | 17.830 | 21.657 | 22.947 | 18.821 | 14.807 | 12.51 | 11.210 | 14.609 | 17.180 | 17.150 | 14.466 |
| Minidoka | 10082 | | NT Billing Factor | 0.122 | 0.186 | 0.198 | 0.215 | 0.179 | 0.148 | 0.12 | 0.092 | 0.088 | 0.091 | 0.087 | 0.074 |
| Mission Valley | 10258 | | NT Billing Factor | 47.999 | 69.296 | 76.666 | 83.190 | 75.166 | 58.893 | 49.40 | 48.068 | 47.031 | 56.406 | 57.507 | 45.682 |
| | | | Short Distance Discount | -4.490 | -2.993 | -2.993 | -2.993 | -2.993 | -2.993 | -4.49 | -4.451 | -4.490 | -4.490 | -4.490 | -4.490 |
| Missoula | 10259 | | NT Billing Factor | 28.973 | 38.281 | 43.173 | 44.270 | 39.417 | 33.214 | 27.83 | 28.694 | 34.687 | 35.165 | 35.815 | 27.126 |
| Modern | 10260 | | NT Billing Factor | 34.650 | 37.600 | 42.458 | 42.121 | 39.506 | 32.369 | 29.74 | 26.341 | 36.630 | 40.778 | 37.945 | 33.353 |
| Monmouth | 10083 | | NT Billing Factor | 11.043 | 12.972 | 13.657 | 14.375 | 14.095 | 12.020 | 10.65 | 8.523 | 8.639 | 10.303 | 10.355 | 9.439 |
| Nespelem | 10273 | | NT Billing Factor | 7.930 | 7.163 | 7.802 | 7.531 | 7.281 | 5.806 | 6.50 | 8.058 | 12.694 | 13.061 | 12.639 | 10.346 |
| NETL | 10406 | | NT Billing Factor | 0.555 | 0.816 | 0.924 | 0.961 | 0.961 | 0.826 | 0.66 | 0.501 | 0.400 | 0.470 | 0.460 | 0.432 |
| Northern Wasco | 10279 | | NT Billing Factor | 85.378 | 96.172 | 105.209 | 100.062 | 99.135 | 92.763 | 92.82 | 87.140 | 96.127 | 99.301 | 96.539 | 91.123 |
| Ohop | 10284 | | NT Billing Factor | 12.512 | 16.617 | 20.948 | 18.087 | 17.944 | 16.774 | 13.10 | 9.247 | 6.875 | 8.421 | 8.440 | 7.250 |
| OPALCO | 10288 | | NT Billing Factor | 32.130 | 39.430 | 50.150 | 41.546 | 41.306 | 37.528 | 33.40 | 18.612 | 19.687 | 19.951 | 19.542 | 18.390 |
| Oregon Trail | 10291 | | NT Billing Factor | 85.317 | 102.936 | 113.148 | 114.809 | 110.851 | 96.170 | 85.74 | 85.341 | 98.625 | 107.113 | 104.243 | 88.784 |
| PAC | 10300 | | NT Billing Factor | 246.452 | 289.281 | 328.352 | 278.391 | 278.767 | 260.054 | 250.19 | 225.009 | 221.842 | 234.472 | 236.792 | 218.726 |
| | | | Short Distance Discount | -2.940 | -2.540 | -2.140 | -1.740 | -1.235 | -1.741 | -2.51 | -2.562 | -2.840 | -2.943 | -3.040 | -2.940 |
| Pacific | 10294 | | NT Billing Factor | 38.753 | 57.244 | 64.677 | 60.283 | 55.875 | 50.950 | 42.95 | 36.846 | 29.436 | 26.171 | 28.757 | 31.910 |
| Parkland | 10304 | | NT Billing Factor | 14.227 | 23.581 | 26.379 | 25.493 | 23.697 | 19.789 | 15.23 | 11.222 | 11.761 | 13.012 | 13.050 | 12.640 |
| Peninsula | 10307 | | NT Billing Factor | 94.940 | 115.720 | 132.591 | 133.365 | 122.056 | 106.784 | 83.85 | 63.973 | 63.919 | 70.783 | 70.898 | 65.318 |
| Plummer | 10086 | | NT Billing Factor | 3.903 | 5.202 | 6.007 | 5.873 | 5.716 | 5.506 | 4.72 | 3.389 | 3.405 | 3.434 | 3.690 | 3.332 |
| PNGC | 10298 | Blachly-Lane | NT Billing Factor | 22.700 | 25.147 | 28.092 | 26.790 | 28.689 | 27.754 | 23.56 | 20.307 | 18.543 | 21.295 | 22.196 | 19.671 |
| | | CEC | NT Billing Factor | 84.270 | 133.528 | 181.645 | 130.654 | 119.510 | 113.566 | 94.86 | 97.210 | 108.745 | 117.527 | 110.036 | 98.704 |

# Table 14.1
## NT Load Forecast at Transmission System Peak

| COMPANY | CUST ID | | PRODUCT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Clearwater | NT Billing Factor | 29.587 | 39.984 | 43.212 | 39.954 | 37.927 | 33.599 | 30.26 | 23.441 | 23.201 | 25.383 | 25.196 | 22.398 |
| | | Consumers | NT Billing Factor | 38.399 | 44.344 | 52.545 | 54.073 | 49.897 | 42.815 | 40.19 | 30.542 | 27.111 | 36.208 | 38.875 | 32.488 |
| | | Coos-Curry | NT Billing Factor | 45.630 | 54.427 | 62.304 | 61.993 | 58.167 | 56.470 | 48.31 | 40.768 | 35.699 | 37.223 | 39.719 | 41.161 |
| | | Douglas Elec | NT Billing Factor | 22.368 | 27.061 | 31.752 | 31.912 | 30.096 | 27.711 | 24.86 | 18.137 | 18.209 | 22.167 | 23.352 | 19.174 |
| | | Fall River | NT Billing Factor | 32.777 | 44.522 | 57.908 | 53.604 | 49.388 | 40.726 | 31.86 | 31.843 | 52.978 | 62.915 | 40.516 | 31.110 |
| | | Lane Electric | NT Billing Factor | 45.167 | 55.860 | 61.721 | 65.588 | 63.925 | 52.786 | 48.70 | 32.419 | 28.885 | 34.478 | 34.873 | 31.118 |
| | | | Short Distance Discount | -0.857 | -1.062 | -1.367 | -1.199 | -1.678 | -2.468 | -3.33 | -3.795 | -3.332 | -2.718 | -1.538 | -1.008 |
| | | Lincoln | NT Billing Factor | 14.380 | 22.106 | 24.833 | 19.364 | 19.180 | 19.120 | 12.52 | 11.667 | 10.118 | 11.587 | 11.487 | 10.390 |
| | | Northern Lights | NT Billing Factor | 44.288 | 58.886 | 71.219 | 58.421 | 50.126 | 52.769 | 40.10 | 34.108 | 33.391 | 37.316 | 38.344 | 35.648 |
| | | Okanogan Coop | NT Billing Factor | 7.909 | 12.444 | 14.774 | 15.121 | 12.180 | 9.402 | 7.46 | 6.449 | 6.439 | 7.329 | 7.279 | 6.050 |
| | | Raft River | NT Billing Factor | 15.684 | 19.030 | 21.438 | 22.011 | 19.984 | 18.646 | 26.82 | 54.179 | 68.536 | 73.471 | 63.411 | 53.300 |
| | | UEC | NT Billing Factor | 179.016 | 219.776 | 235.258 | 214.338 | 212.545 | 216.974 | 229.05 | 261.452 | 355.734 | 384.700 | 358.898 | 331.490 |
| | | West Oregon | NT Billing Factor | 11.029 | 12.578 | 13.728 | 13.054 | 13.025 | 12.558 | 10.84 | 8.265 | 6.933 | 7.823 | 7.756 | 6.871 |
| Port | 10706 | | NT Billing Factor | 19.629 | 20.373 | 20.608 | 20.334 | 20.600 | 20.674 | 19.52 | 19.233 | 22.427 | 22.748 | 23.166 | 21.426 |
| Port Angeles | 10087 | | NT Billing Factor | 35.321 | 48.560 | 51.408 | 50.681 | 55.515 | 39.197 | 30.05 | 29.559 | 27.024 | 21.132 | 19.076 | 19.715 |
| Port Townsend Paper | 10312 | | NT Billing Factor | 20.617 | 18.431 | 18.796 | 16.834 | 16.469 | 15.466 | 16.65 | 17.896 | 18.315 | 16.003 | 18.916 | 15.279 |
| Ravalli County | 10333 | | NT Billing Factor | 16.087 | 24.247 | 27.274 | 27.419 | 23.636 | 18.028 | 16.70 | 18.902 | 22.007 | 20.979 | 21.514 | 15.382 |
| Richland | 10089 | | NT Billing Factor | 121.443 | 143.547 | 156.466 | 173.987 | 160.444 | 129.009 | 110.19 | 126.749 | 158.851 | 180.874 | 179.356 | 155.034 |
| Riverside Electric | 10338 | | NT Billing Factor | 2.513 | 3.554 | 4.029 | 3.301 | 3.531 | 3.101 | 2.33 | 2.281 | 3.765 | 4.136 | 3.280 | 2.662 |
| Rupert | 10091 | | NT Billing Factor | 9.898 | 14.145 | 15.437 | 15.863 | 14.750 | 12.374 | 11.45 | 9.304 | 10.603 | 11.517 | 10.729 | 9.568 |
| Salem | 10342 | | NT Billing Factor | 47.869 | 56.007 | 62.839 | 57.034 | 52.097 | 49.414 | 42.97 | 43.514 | 46.690 | 59.759 | 61.439 | 52.849 |
| Salmon River | 10343 | | NT Billing Factor | 9.381 | 12.375 | 15.701 | 15.743 | 12.909 | 11.319 | 8.71 | 8.739 | 11.168 | 10.336 | 11.623 | 10.041 |
| Skamania | 10352 | | NT Billing Factor | 20.838 | 25.508 | 28.074 | 30.588 | 24.036 | 25.947 | 21.96 | 16.450 | 16.791 | 16.336 | 16.344 | 16.890 |
| Soda Springs | 10094 | | NT Billing Factor | 3.616 | 4.291 | 4.769 | 4.496 | 4.324 | 3.906 | 3.68 | 3.101 | 3.331 | 3.440 | 3.452 | 3.227 |
| South Side | 10360 | | NT Billing Factor | 5.459 | 5.359 | 6.230 | 6.489 | 6.234 | 5.168 | 6.55 | 9.348 | 15.389 | 14.478 | 11.372 | 8.952 |
| Steilacoom | 10379 | | NT Billing Factor | 6.707 | 8.963 | 9.668 | 9.022 | 8.795 | 7.496 | 5.69 | 4.924 | 3.929 | 4.416 | 4.580 | 4.473 |
| SUB | 10363 | | NT Billing Factor | 111.174 | 138.537 | 151.417 | 143.094 | 146.004 | 122.478 | 109.15 | 91.612 | 98.353 | 111.859 | 115.342 | 106.454 |
| Sumas | 10095 | | NT Billing Factor | 3.866 | 4.486 | 4.869 | 4.091 | 4.900 | 4.734 | 4.37 | 3.997 | 3.916 | 4.203 | 4.172 | 3.871 |
| Surprise Valley | 10369 | | NT Billing Factor | 14.098 | 14.035 | 16.334 | 16.413 | 14.970 | 13.552 | 19.67 | 25.982 | 32.545 | 34.998 | 31.903 | 25.346 |
| Tanner | 10371 | | NT Billing Factor | 13.442 | 18.156 | 19.828 | 18.621 | 17.830 | 17.094 | 12.41 | 10.856 | 11.140 | 13.146 | 11.850 | 10.857 |
| Tillamook | 10376 | | NT Billing Factor | 70.716 | 82.045 | 89.941 | 39.043 | 35.944 | 33.088 | 28.24 | 20.072 | 16.475 | 17.865 | 16.870 | 16.810 |
| Troy | 10097 | | NT Billing Factor | 2.157 | 2.826 | 3.428 | 3.100 | 3.344 | 2.824 | 2.35 | 1.770 | 1.447 | 1.679 | 1.690 | 1.445 |
| UIUC | 10482 | | NT Billing Factor | 4.878 | 5.854 | 5.455 | 5.123 | 5.747 | 5.456 | 4.91 | 5.483 | 5.364 | 5.246 | 5.629 | 5.413 |

**Table 14.1**
**NT Load Forecast at Transmission System Peak**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | **COMPANY** | **CUST ID** | | **PRODUCT** | **OCT** | **NOV** | **DEC** | **JAN** | **FEB** | **MAR** | **APR** | **MAY** | **JUN** | **JUL** | **AUG** | **SEP** |
| 524 | | | | | | | | | | | | | | | | |
| 525 | United Electric | 10391 | | NT Billing Factor | 22.186 | 29.704 | 34.171 | 32.411 | 31.258 | 26.201 | 27.13 | 32.189 | 42.601 | 45.211 | 37.031 | 29.264 |
| 526 | | | | | | | | | | | | | | | | |
| 527 | USN Bangor | 10409 | | NT Billing Factor | 19.496 | 23.605 | 26.665 | 23.790 | 23.394 | 21.634 | 19.59 | 18.785 | 17.753 | 17.786 | 18.074 | 18.184 |
| 528 | | | | | | | | | | | | | | | | |
| 529 | USN Bremerton | 10326 | | NT Billing Factor | 31.747 | 32.629 | 39.586 | 33.602 | 29.834 | 30.368 | 28.97 | 25.826 | 28.360 | 30.318 | 28.763 | 30.773 |
| 530 | | | | | | | | | | | | | | | | |
| 531 | USN Everett | 10408 | | NT Billing Factor | 1.435 | 1.660 | 1.788 | 1.806 | 1.674 | 1.574 | 1.53 | 1.488 | 1.103 | 0.993 | 1.047 | 1.207 |
| 532 | | | | | | | | | | | | | | | | |
| 533 | Vera | 10434 | | NT Billing Factor | 34.993 | 43.326 | 46.484 | 43.087 | 44.706 | 38.447 | 32.54 | 29.152 | 35.925 | 43.049 | 42.116 | 36.941 |
| 534 | | | | | | | | | | | | | | | | |
| 535 | Vigilante | 10436 | | NT Billing Factor | 18.649 | 22.491 | 26.543 | 25.483 | 23.895 | 17.822 | 18.35 | 30.452 | 37.803 | 40.785 | 33.651 | 25.094 |
| 536 | | | | | | | | | | | | | | | | |
| 537 | Wahkiakum | 10440 | | NT Billing Factor | 3.323 | 4.340 | 4.532 | 5.493 | 4.255 | 3.761 | 3.04 | 2.589 | 1.826 | 2.089 | 2.183 | 2.777 |
| 538 | | | | | | | | | | | | | | | | |
| 539 | Wasco | 10442 | | NT Billing Factor | 10.569 | 15.833 | 18.498 | 17.428 | 16.369 | 12.201 | 10.60 | 11.487 | 15.191 | 16.594 | 14.875 | 11.436 |
| 540 | | | | | | | | | | | | | | | | |
| 541 | Weiser | 11680 | | NT Billing Factor | 6.735 | 8.272 | 8.946 | 9.197 | 8.965 | 7.564 | 6.56 | 6.711 | 8.623 | 9.898 | 10.360 | 8.434 |
| 542 | | | | | | | | | | | | | | | | |
| 543 | Whatcom | 10451 | | NT Billing Factor | 27.384 | 27.623 | 27.665 | 27.543 | 27.695 | 28.136 | 27.14 | 26.265 | 27.184 | 26.925 | 27.307 | 27.105 |
| 544 | | | | | | | | | | | | | | | | |
| 545 | WREC | 10446 | | NT Billing Factor | 90.183 | 100.832 | 103.716 | 105.769 | 103.251 | 96.474 | 85.43 | 71.856 | 96.963 | 90.327 | 97.034 | 93.727 |
| 546 | | | | | | | | | | | | | | | | |
| 547 | Yakama | 10502 | | NT Billing Factor | 7.429 | 7.432 | 6.961 | 7.227 | 7.683 | 7.247 | 6.91 | 6.487 | 7.577 | 8.536 | 8.887 | 8.135 |
| 548 | | | | | | | | | | | | | | | | |
| 549 | **NT Billing Factor** | | | | **5,860.740** | **7,091.576** | **8,010.591** | **7,673.149** | **7,320.980** | **6,612.071** | **5,986.537** | **5,576.049** | **5,993.958** | **6,459.174** | **6,399.643** | **5,768.497** |
| 550 | **Short Distance Discount** | | | | **-132.088** | **-144.319** | **-144.435** | **-146.456** | **-114.347** | **-101.865** | **-151.478** | **-63.989** | **-87.753** | **-121.972** | **-125.920** | **-132.748** |

**Table 14.2**
**NT Load Forecast at Customer Peak**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | **COMPANY** | **CUST ID** | | **PRODUCT** | **OCT** | **NOV** | **DEC** | **JAN** | **FEB** | **MAR** | **APR** | **MAY** | **JUN** | **JUL** | **AUG** | **SEP** |
| 4 | | | | | | | | | **FISCAL YEAR 2018** | | | | | | | |
| 5 | Albion | 10055 | | Customer Peak Load | 0.616 | 0.799 | 1.039 | 1.013 | 0.839 | 0.753 | 0.668 | 0.513 | 0.430 | 0.463 | 0.444 | 0.410 |
| 6 | | | | | | | | | | | | | | | | |
| 7 | Asotin PUD | 10015 | | Customer Peak Load | 1.186 | 0.784 | 0.819 | 0.903 | 0.704 | 0.999 | 1.480 | 1.674 | 2.212 | 2.336 | 2.371 | 1.743 |
| 8 | | | | | | | | | | | | | | | | |
| 9 | Bandon | 10059 | | Customer Peak Load | 11.814 | 13.684 | 14.792 | 16.525 | 14.873 | 15.604 | 13.581 | 8.700 | 8.098 | 7.969 | 8.122 | 8.397 |
| 10 | | | | | | | | | | | | | | | | |
| 11 | Benton REA | 10025 | | Customer Peak Load | 79.539 | 80.580 | 94.773 | 97.408 | 89.849 | 105.810 | 109.236 | 116.626 | 120.474 | 115.086 | 107.816 | 91.566 |
| 12 | | | | | | | | | | | | | | | | |
| 13 | Big Bend | 10027 | | Customer Peak Load | 75.578 | 50.664 | 56.759 | 55.093 | 51.401 | 49.336 | 83.419 | 115.448 | 131.730 | 134.060 | 125.102 | 108.879 |
| 14 | | | | | | | | | | | | | | | | |
| 15 | Blaine | 10061 | | Customer Peak Load | 11.302 | 13.152 | 13.942 | 13.847 | 13.384 | 12.172 | 11.182 | 9.592 | 9.452 | 9.602 | 9.602 | 9.795 |
| 16 | | | | | | | | | | | | | | | | |
| 17 | Bonners Ferry | 10062 | | Customer Peak Load | 12.034 | 14.311 | 15.419 | 15.117 | 14.070 | 13.156 | 12.098 | 10.955 | 10.838 | 11.261 | 10.843 | 10.856 |
| 18 | | | | | | | | | | | | | | | | |
| 19 | Burley | 10064 | | Customer Peak Load | 16.843 | 19.634 | 22.031 | 21.988 | 20.881 | 19.292 | 17.260 | 16.281 | 18.635 | 20.623 | 19.874 | 17.450 |
| 20 | | | | | | | | | | | | | | | | |
| 21 | Canby | 10044 | | Customer Peak Load | 34.102 | 40.583 | 44.466 | 45.915 | 42.911 | 39.301 | 36.532 | 32.931 | 34.401 | 38.344 | 39.561 | 35.637 |
| 22 | | | | | | | | | | | | | | | | |
| 23 | Cascade Locks | 10065 | | Customer Peak Load | 3.074 | 3.732 | 4.274 | 4.484 | 4.161 | 3.629 | 3.096 | 2.597 | 2.457 | 2.686 | 2.724 | 2.458 |
| 24 | | | | | | | | | | | | | | | | |
| 25 | Central Lincoln | 10047 | | Customer Peak Load | 201.705 | 227.537 | 250.039 | 247.679 | 241.085 | 228.845 | 213.385 | 170.513 | 157.839 | 153.350 | 154.434 | 160.655 |
| 26 | | | | | | | | | | | | | | | | |
| 27 | Centralia | 10066 | | Customer Peak Load | 39.469 | 48.292 | 51.726 | 50.198 | 50.015 | 44.134 | 40.048 | 30.686 | 28.912 | 29.930 | 32.641 | 30.577 |
| 28 | | | | | | | | | | | | | | | | |
| 29 | Cheney | 10067 | | Customer Peak Load | 22.012 | 26.051 | 27.047 | 29.637 | 25.943 | 24.908 | 23.614 | 21.479 | 21.504 | 23.408 | 22.878 | 21.751 |
| 30 | | | | | | | | | | | | | | | | |
| 31 | Chewelah | 10068 | | Customer Peak Load | 3.513 | 4.093 | 4.456 | 4.576 | 4.285 | 3.811 | 3.416 | 2.808 | 2.839 | 3.628 | 3.281 | 2.663 |
| 32 | | | | | | | | | | | | | | | | |
| 33 | Clallam | 10101 | | Customer Peak Load | 137.392 | 160.711 | 179.454 | 187.160 | 179.516 | 162.581 | 142.919 | 102.929 | 83.629 | 75.713 | 77.904 | 93.437 |
| 34 | | | | | | | | | | | | | | | | |
| 35 | Columbia Basin | 10109 | | Customer Peak Load | 13.437 | 13.544 | 15.890 | 14.020 | 14.755 | 13.373 | 16.127 | 17.598 | 18.417 | 18.838 | 17.450 | 16.309 |
| 36 | | | | | | | | | | | | | | | | |
| 37 | Columbia Power | 10111 | | Customer Peak Load | 3.855 | 4.887 | 6.009 | 5.611 | 5.147 | 4.428 | 4.475 | 4.161 | 4.455 | 5.316 | 5.228 | 4.257 |
| 38 | | | | | | | | | | | | | | | | |
| 39 | Columbia REA | 10113 | | Customer Peak Load | 41.575 | 39.393 | 37.342 | 34.063 | 34.012 | 41.651 | 43.461 | 65.927 | 80.454 | 85.487 | 80.094 | 60.029 |
| 40 | | | | | | | | | | | | | | | | |
| 41 | Consolidated | 10116 | | Customer Peak Load | 0.617 | 0.322 | 0.449 | 0.463 | 0.426 | 0.536 | 1.131 | 0.885 | 0.775 | 0.744 | 0.688 | 0.589 |
| 42 | | | | | | | | | | | | | | | | |
| 43 | Declo | 10070 | | Customer Peak Load | 0.553 | 0.642 | 0.737 | 0.732 | 0.703 | 0.603 | 0.565 | 0.535 | 0.479 | 0.523 | 0.541 | 0.512 |
| 44 | | | | | | | | | | | | | | | | |
| 45 | DOE-RL | 10426 | | Customer Peak Load | 18.927 | 31.167 | 30.516 | 33.152 | 30.935 | 26.066 | 19.643 | 16.293 | 19.289 | 22.530 | 21.830 | 18.451 |
| 46 | | | | | | | | | | | | | | | | |
| 47 | Drain | 10071 | | Customer Peak Load | 2.822 | 3.048 | 3.803 | 3.782 | 3.508 | 3.329 | 2.996 | 2.397 | 2.158 | 2.291 | 2.298 | 2.249 |
| 48 | | | | | | | | | | | | | | | | |
| 49 | East End | 10142 | | Customer Peak Load | 3.827 | 4.061 | 4.579 | 4.384 | 4.096 | 3.654 | 4.158 | 4.970 | 6.311 | 6.355 | 5.364 | 4.439 |
| 50 | | | | | | | | | | | | | | | | |
| 51 | Eatonville | 10144 | | Customer Peak Load | 5.455 | 6.981 | 8.049 | 8.218 | 7.225 | 6.398 | 5.160 | 4.207 | 3.388 | 3.228 | 3.386 | 3.448 |
| 52 | | | | | | | | | | | | | | | | |
| 53 | Ellensburg | 10072 | | Customer Peak Load | 34.584 | 35.478 | 33.999 | 36.166 | 34.098 | 32.938 | 30.109 | 24.611 | 28.685 | 32.836 | 29.519 | 31.440 |
| 54 | | | | | | | | | | | | | | | | |
| 55 | Emerald | 10157 | | Customer Peak Load | 109.588 | 115.766 | 130.151 | 127.227 | 124.846 | 115.996 | 113.465 | 86.577 | 84.000 | 96.312 | 95.451 | 85.794 |
| 56 | | | | | | | | | | | | | | | | |
| 57 | Energy Northwest | 10158 | | Customer Peak Load | 2.930 | 3.568 | 3.613 | 3.864 | 3.859 | 3.532 | 3.278 | 3.050 | 2.939 | 2.799 | 3.128 | 2.590 |
| 58 | | | | | | | | | | | | | | | | |
| 59 | EWEB | 10170 | | Customer Peak Load | 339.580 | 378.484 | 420.454 | 429.268 | 409.770 | 371.227 | 336.437 | 275.980 | 276.463 | 310.858 | 314.990 | 285.266 |
| 60 | | | | | | | | | | | | | | | | |
| 61 | Fairchild | 10172 | | Customer Peak Load | 6.890 | 7.298 | 7.868 | 7.968 | 7.805 | 7.044 | 7.105 | 7.829 | 8.102 | 8.449 | 8.396 | 7.713 |
| 62 | | | | | | | | | | | | | | | | |
| 63 | Farmers | 10174 | | Customer Peak Load | 0.701 | 0.877 | 1.096 | 1.095 | 0.938 | 0.840 | 0.737 | 0.623 | 0.648 | 0.667 | 0.624 | 0.561 |
| 64 | | | | | | | | | | | | | | | | |
| 65 | Ferry | 10177 | | Customer Peak Load | 14.800 | 17.346 | 19.569 | 18.031 | 16.699 | 14.804 | 13.534 | 11.854 | 9.788 | 9.754 | 9.480 | 10.813 |
| 66 | | | | | | | | | | | | | | | | |
| 67 | Flathead | 10179 | | Customer Peak Load | 250.651 | 291.324 | 316.647 | 324.158 | 301.002 | 270.566 | 261.513 | 214.378 | 204.737 | 235.164 | 227.085 | 218.253 |
| 68 | | | | | | | | | | | | | | | | |
| 69 | Forest Grove | 10074 | | Customer Peak Load | 41.788 | 50.105 | 56.306 | 56.697 | 54.563 | 48.104 | 46.522 | 38.174 | 38.610 | 44.417 | 43.661 | 42.003 |
| 70 | | | | | | | | | | | | | | | | |
| 71 | Grant | 10190 | | Customer Peak Load | 6.990 | 11.956 | 13.850 | 13.191 | 10.745 | 9.059 | 7.881 | 6.306 | 6.121 | 7.145 | 7.089 | 5.740 |
| 72 | | | | | | | | | | | | | | | | |
| 73 | Harney | 10197 | | Customer Peak Load | 22.221 | 12.900 | 15.790 | 14.930 | 12.930 | 14.600 | 43.677 | 58.219 | 62.360 | 62.610 | 57.239 | 49.760 |

**Table 14.2**
**NT Load Forecast at Customer Peak**

| COMPANY | CUST ID | | PRODUCT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hermiston | 10597 | | Customer Peak Load | 15.453 | 19.150 | 19.883 | 19.359 | 17.802 | 15.750 | 14.224 | 18.859 | 20.842 | 24.323 | 23.511 | 19.131 |
| Heyburn | 10076 | | Customer Peak Load | 8.195 | 9.346 | 10.150 | 10.302 | 9.714 | 9.000 | 8.392 | 7.395 | 7.875 | 8.245 | 7.929 | 7.385 |
| Idaho County | 10203 | | Customer Peak Load | 9.041 | 11.468 | 13.098 | 13.030 | 11.799 | 10.711 | 9.205 | 8.267 | 7.514 | 8.874 | 8.459 | 7.307 |
| Idaho Falls Power | 10204 | | Customer Peak Load | 100.157 | 122.688 | 141.738 | 140.627 | 138.932 | 120.736 | 105.115 | 92.438 | 103.426 | 108.005 | 106.067 | 93.710 |
| Inland | 10209 | | Customer Peak Load | 150.069 | 169.620 | 185.861 | 201.083 | 181.709 | 164.109 | 152.582 | 141.267 | 134.228 | 148.632 | 145.137 | 132.127 |
| Jefferson | 12026 | | Customer Peak Load | 73.324 | 83.840 | 90.599 | 94.788 | 96.418 | 82.795 | 74.984 | 48.660 | 45.995 | 43.467 | 41.149 | 46.725 |
| Kittitas | 10230 | | Customer Peak Load | 17.003 | 22.526 | 25.039 | 25.009 | 22.426 | 20.379 | 18.242 | 15.670 | 14.708 | 16.501 | 16.393 | 14.174 |
| Lewis | 10237 | | Customer Peak Load | 171.486 | 194.394 | 222.677 | 219.183 | 206.907 | 202.016 | 186.121 | 137.274 | 125.374 | 142.297 | 128.229 | 124.948 |
| Lost River | 10242 | | Customer Peak Load | 8.676 | 8.652 | 9.981 | 10.125 | 9.707 | 8.374 | 8.273 | 20.455 | 22.956 | 25.135 | 21.510 | 17.611 |
| Lower Valley | 10244 | | Customer Peak Load | 118.824 | 154.288 | 202.815 | 194.751 | 187.673 | 153.837 | 127.333 | 112.311 | 85.818 | 84.246 | 86.240 | 106.262 |
| Mason 1 | 10246 | | Customer Peak Load | 10.807 | 14.924 | 16.198 | 17.346 | 14.732 | 14.531 | 9.888 | 9.116 | 6.307 | 6.792 | 6.395 | 7.417 |
| Mason 3 | 10247 | | Customer Peak Load | 108.014 | 124.935 | 142.948 | 142.790 | 136.793 | 128.234 | 116.352 | 96.717 | 74.725 | 77.754 | 76.582 | 82.201 |
| McCleary | 10078 | | Customer Peak Load | 6.124 | 7.192 | 7.718 | 7.792 | 7.485 | 7.160 | 6.541 | 4.863 | 4.212 | 4.191 | 4.271 | 4.398 |
| McMinnville | 10079 | | Customer Peak Load | 139.809 | 152.649 | 166.615 | 164.515 | 163.817 | 152.323 | 149.039 | 133.431 | 130.925 | 145.105 | 142.095 | 136.515 |
| Midstate | 10256 | | Customer Peak Load | 57.859 | 66.474 | 78.128 | 99.080 | 88.660 | 84.394 | 68.690 | 61.226 | 58.962 | 56.249 | 59.691 | 55.818 |
| Milton | 10080 | | Customer Peak Load | 9.179 | 11.451 | 13.119 | 12.540 | 11.217 | 10.072 | 8.777 | 7.882 | 7.276 | 8.249 | 8.319 | 7.691 |
| Milton-Freewater | 10081 | | Customer Peak Load | 16.491 | 21.436 | 25.264 | 25.884 | 22.458 | 18.133 | 16.312 | 14.481 | 15.618 | 18.443 | 18.137 | 15.940 |
| Minidoka | 10082 | | Customer Peak Load | 0.167 | 0.234 | 0.247 | 0.254 | 0.232 | 0.203 | 0.182 | 0.153 | 0.123 | 0.124 | 0.125 | 0.125 |
| Mission Valley | 10258 | | Customer Peak Load | 65.393 | 80.120 | 88.903 | 93.643 | 84.489 | 76.022 | 65.743 | 60.277 | 58.051 | 64.068 | 58.540 | 56.401 |
| Missoula | 10259 | | Customer Peak Load | 35.536 | 43.274 | 48.499 | 48.236 | 43.148 | 39.972 | 35.249 | 33.925 | 36.354 | 39.153 | 37.392 | 33.474 |
| Modern | 10260 | | Customer Peak Load | 36.772 | 39.667 | 43.768 | 44.520 | 39.647 | 37.209 | 32.847 | 31.999 | 38.819 | 44.184 | 41.785 | 35.738 |
| Nespelem | 10273 | | Customer Peak Load | 9.777 | 8.594 | 9.997 | 9.053 | 8.425 | 7.415 | 10.783 | 11.481 | 13.142 | 14.327 | 14.215 | 11.817 |
| Northern Wasco | 10279 | | Customer Peak Load | 86.459 | 94.974 | 104.286 | 103.938 | 102.331 | 94.601 | 94.563 | 88.967 | 94.951 | 101.980 | 99.839 | 90.182 |
| Oregon Trail | 10291 | | Customer Peak Load | 98.814 | 113.787 | 123.578 | 128.824 | 124.346 | 107.563 | 101.352 | 99.713 | 106.172 | 116.567 | 114.615 | 96.541 |
| Pacific | 10294 | | Customer Peak Load | 49.553 | 70.016 | 76.831 | 73.979 | 68.031 | 62.462 | 55.142 | 42.292 | 32.697 | 31.659 | 32.517 | 39.519 |
| Plummer | 10086 | | Customer Peak Load | 5.941 | 6.540 | 7.237 | 7.368 | 6.986 | 6.637 | 6.053 | 4.981 | 4.514 | 4.323 | 4.332 | 4.758 |
| PNGC | 10298 | Lincoln | Customer Peak Load | 19.012 | 26.519 | 31.126 | 29.198 | 27.962 | 26.230 | 20.303 | 16.469 | 14.359 | 13.470 | 13.224 | 15.441 |
| | | Lane Electric | Customer Peak Load | 56.952 | 65.805 | 73.174 | 75.922 | 74.739 | 64.778 | 60.303 | 40.205 | 36.152 | 38.279 | 37.773 | 36.369 |
| | | Northern Lights | Customer Peak Load | 46.944 | 63.679 | 75.357 | 68.850 | 64.176 | 59.589 | 49.408 | 42.357 | 40.059 | 41.334 | 41.082 | 42.757 |
| | | Raft River | Customer Peak Load | 29.691 | 22.668 | 25.327 | 25.244 | 23.429 | 22.229 | 48.000 | 71.759 | 81.012 | 82.776 | 70.404 | 60.213 |
| | | Clearwater | Customer Peak Load | 34.935 | 43.076 | 48.821 | 44.785 | 43.874 | 38.800 | 35.247 | 31.753 | 27.334 | 28.675 | 28.606 | 28.840 |
| | | Douglas Elec | Customer Peak Load | 28.291 | 33.919 | 40.007 | 37.429 | 37.371 | 35.046 | 32.389 | 24.838 | 22.385 | 24.593 | 24.753 | 22.399 |
| | | Blachly-Lane | Customer Peak Load | 29.231 | 31.754 | 34.487 | 34.426 | 32.988 | 32.234 | 30.863 | 25.898 | 25.056 | 24.836 | 24.158 | 24.669 |
| | | West Oregon | Customer Peak Load | 12.505 | 14.702 | 16.155 | 15.664 | 15.384 | 14.543 | 13.334 | 10.302 | 8.900 | 9.508 | 9.292 | 9.000 |
| | | Okanogan Coop | Customer Peak Load | 9.997 | 15.203 | 18.558 | 18.282 | 14.770 | 12.165 | 9.676 | 9.112 | 7.468 | 8.359 | 8.147 | 7.756 |

**Table 14.2**
**NT Load Forecast at Customer Peak**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | COMPANY | CUST ID | | PRODUCT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
| 144 | | | | | | | | | | | | | | | | |
| 145 | | | CEC | Customer Peak Load | 125.675 | 183.511 | 219.943 | 189.522 | 178.924 | 148.560 | 140.991 | 129.680 | 119.769 | 123.814 | 119.429 | 118.552 |
| 146 | | | | | | | | | | | | | | | | |
| 147 | | | Coos-Curry | Customer Peak Load | 55.873 | 68.549 | 77.091 | 77.407 | 74.910 | 70.971 | 70.378 | 45.822 | 42.889 | 44.916 | 45.419 | 48.540 |
| 148 | | | | | | | | | | | | | | | | |
| 149 | | | Consumers | Customer Peak Load | 46.105 | 50.803 | 60.001 | 63.577 | 58.813 | 53.897 | 50.569 | 41.574 | 32.726 | 42.533 | 43.035 | 37.970 |
| 150 | | | | | | | | | | | | | | | | |
| 151 | | | UEC | Customer Peak Load | 178.038 | 210.744 | 191.973 | 195.976 | 204.194 | 190.783 | 203.784 | 261.856 | 287.299 | 291.699 | 286.627 | 266.910 |
| 152 | | | | | | | | | | | | | | | | |
| 153 | | | Fall River | Customer Peak Load | 41.314 | 51.309 | 62.891 | 61.202 | 59.738 | 51.449 | 43.684 | 43.328 | 61.027 | 70.338 | 57.474 | 40.386 |
| 154 | | | | | | | | | | | | | | | | |
| 155 | Port | 10706 | | Customer Peak Load | 18.011 | 17.891 | 18.282 | 22.391 | 22.022 | 22.172 | 22.005 | 22.662 | 23.946 | 25.280 | 25.253 | 24.013 |
| 156 | | | | | | | | | | | | | | | | |
| 157 | Port Angeles | 10087 | | Customer Peak Load | 46.696 | 60.023 | 66.400 | 68.591 | 67.343 | 48.166 | 46.307 | 39.881 | 37.551 | 31.443 | 24.798 | 26.569 |
| 158 | | | | | | | | | | | | | | | | |
| 159 | Port Townsend Paper | 10312 | | Customer Peak Load | 20.936 | 20.167 | 18.949 | 18.038 | 16.618 | 16.704 | 18.264 | 18.923 | 19.578 | 19.281 | 20.407 | 16.576 |
| 160 | | | | | | | | | | | | | | | | |
| 161 | Ravalli County | 10333 | | Customer Peak Load | 19.497 | 27.301 | 30.563 | 29.318 | 25.338 | 22.943 | 21.496 | 21.329 | 23.618 | 23.117 | 22.719 | 18.290 |
| 162 | | | | | | | | | | | | | | | | |
| 163 | Richland | 10089 | | Customer Peak Load | 140.577 | 164.246 | 195.279 | 200.670 | 189.776 | 157.092 | 137.799 | 149.000 | 163.721 | 187.047 | 187.695 | 162.546 |
| 164 | | | | | | | | | | | | | | | | |
| 165 | Rupert | 10091 | | Customer Peak Load | 12.459 | 15.485 | 17.635 | 17.525 | 16.854 | 14.835 | 14.144 | 12.016 | 11.739 | 12.532 | 12.059 | 10.702 |
| 166 | | | | | | | | | | | | | | | | |
| 167 | Salem | 10342 | | Customer Peak Load | 50.449 | 60.124 | 70.518 | 64.361 | 54.651 | 52.376 | 49.578 | 47.568 | 48.346 | 62.675 | 63.487 | 55.183 |
| 168 | | | | | | | | | | | | | | | | |
| 169 | Skamania | 10352 | | Customer Peak Load | 25.426 | 29.610 | 32.405 | 35.419 | 30.585 | 29.946 | 26.245 | 21.946 | 19.330 | 19.634 | 19.732 | 19.872 |
| 170 | | | | | | | | | | | | | | | | |
| 171 | Soda Springs | 10094 | | Customer Peak Load | 4.040 | 4.644 | 5.120 | 4.966 | 4.756 | 4.369 | 4.116 | 3.761 | 3.608 | 3.848 | 3.826 | 3.566 |
| 172 | | | | | | | | | | | | | | | | |
| 173 | South Side | 10360 | | Customer Peak Load | 7.962 | 6.835 | 7.721 | 7.862 | 7.527 | 6.567 | 10.511 | 12.280 | 17.005 | 16.102 | 13.788 | 10.459 |
| 174 | | | | | | | | | | | | | | | | |
| 175 | SUB | 10363 | | Customer Peak Load | 133.760 | 154.878 | 171.851 | 169.094 | 166.436 | 147.571 | 138.180 | 106.531 | 107.868 | 119.616 | 120.726 | 112.048 |
| 176 | | | | | | | | | | | | | | | | |
| 177 | Sumas | 10095 | | Customer Peak Load | 5.470 | 5.650 | 5.880 | 5.790 | 5.830 | 5.660 | 5.390 | 5.240 | 5.290 | 5.310 | 5.240 | 5.290 |
| 178 | | | | | | | | | | | | | | | | |
| 179 | Surprise Valley | 10369 | | Customer Peak Load | 17.515 | 16.156 | 19.364 | 19.384 | 16.706 | 15.691 | 24.721 | 30.868 | 36.850 | 37.912 | 35.352 | 28.538 |
| 180 | | | | | | | | | | | | | | | | |
| 181 | Tanner | 10371 | | Customer Peak Load | 15.257 | 18.583 | 20.886 | 20.004 | 18.023 | 17.349 | 14.786 | 13.359 | 13.412 | 13.737 | 13.792 | 14.239 |
| 182 | | | | | | | | | | | | | | | | |
| 183 | Tillamook | 10376 | | Customer Peak Load | 84.846 | 97.366 | 104.029 | 92.617 | 87.866 | 89.683 | 84.231 | 63.607 | 55.958 | 55.167 | 54.503 | 62.712 |
| 184 | | | | | | | | | | | | | | | | |
| 185 | UIUC | 10482 | | Customer Peak Load | 6.229 | 6.319 | 6.541 | 6.381 | 6.271 | 6.183 | 6.126 | 6.221 | 6.244 | 6.496 | 6.605 | 6.506 |
| 186 | | | | | | | | | | | | | | | | |
| 187 | United Electric | 10391 | | Customer Peak Load | 28.254 | 35.915 | 42.088 | 39.022 | 38.413 | 33.167 | 35.517 | 40.179 | 50.233 | 50.893 | 40.986 | 34.115 |
| 188 | | | | | | | | | | | | | | | | |
| 189 | USN Bangor | 10409 | | Customer Peak Load | 23.451 | 26.195 | 28.792 | 27.146 | 26.264 | 24.059 | 22.795 | 21.619 | 21.060 | 21.011 | 20.992 | 21.237 |
| 190 | | | | | | | | | | | | | | | | |
| 191 | USN Bremerton | 10326 | | Customer Peak Load | 38.010 | 40.520 | 50.150 | 43.830 | 36.470 | 38.230 | 34.900 | 34.090 | 38.290 | 37.800 | 36.540 | 37.430 |
| 192 | | | | | | | | | | | | | | | | |
| 193 | USN Everett | 10408 | | Customer Peak Load | 1.700 | 1.750 | 1.910 | 1.900 | 1.800 | 1.870 | 1.780 | 1.660 | 1.490 | 1.450 | 1.500 | 1.500 |
| 194 | | | | | | | | | | | | | | | | |
| 195 | Vigilante | 10436 | | Customer Peak Load | 21.061 | 25.570 | 28.257 | 27.899 | 26.136 | 23.222 | 21.976 | 37.277 | 42.459 | 43.976 | 37.510 | 29.642 |
| 196 | | | | | | | | | | | | | | | | |
| 197 | Wahkiakum | 10440 | | Customer Peak Load | 4.273 | 6.159 | 6.131 | 5.790 | 5.540 | 4.930 | 4.253 | 3.193 | 2.605 | 2.374 | 2.812 | 2.977 |
| 198 | | | | | | | | | | | | | | | | |
| 199 | Wasco | 10442 | | Customer Peak Load | 14.915 | 19.590 | 23.026 | 21.090 | 20.277 | 15.378 | 15.131 | 14.130 | 15.810 | 18.609 | 17.634 | 12.733 |
| 200 | | | | | | | | | | | | | | | | |
| 201 | Weiser | 11680 | | Customer Peak Load | 7.401 | 9.275 | 10.065 | 10.338 | 9.764 | 8.478 | 7.604 | 7.437 | 9.303 | 10.623 | 10.625 | 8.973 |
| 202 | | | | | | | | | | | | | | | | |
| 203 | Whatcom | 10451 | | Customer Peak Load | 28.783 | 29.381 | 29.600 | 28.993 | 29.362 | 29.347 | 28.234 | 28.097 | 29.072 | 28.629 | 28.729 | 28.683 |
| 204 | | | | | | | | | | | | | | | | |
| 205 | WREC | 10446 | | Customer Peak Load | 98.327 | 106.662 | 110.867 | 110.896 | 107.350 | 103.882 | 99.128 | 96.687 | 102.501 | 105.343 | 104.200 | 100.917 |
| 206 | | | | | | | | | | | | | | | | |
| 207 | Yakama | 10502 | | Customer Peak Load | 7.111 | 7.890 | 8.054 | 8.103 | 8.035 | 7.759 | 7.170 | 7.749 | 8.330 | 9.042 | 8.801 | 8.548 |
| 208 | | | | | | | | | | | | | | | | |
| 209 | Alder | 10005 | | Customer Peak Load | 0.949 | 1.150 | 1.321 | 1.328 | 1.237 | 1.107 | 0.892 | 0.741 | 0.609 | 0.576 | 0.560 | 0.626 |
| 210 | | | | | | | | | | | | | | | | |
| 211 | Ashland | 10057 | | Customer Peak Load | 30.127 | 34.800 | 37.387 | 38.106 | 34.577 | 33.241 | 31.899 | 27.472 | 30.836 | 37.715 | 37.030 | 31.605 |
| 212 | | | | | | | | | | | | | | | | |
| 213 | Avista | 10016 | | Customer Peak Load | 79.915 | 88.274 | 98.665 | 84.189 | 79.319 | 73.654 | 72.156 | 91.568 | 100.668 | 92.377 | 88.953 | 76.733 |

**Table 14.2**
**NT Load Forecast at Customer Peak**

| COMPANY | CUST ID | PRODUCT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clark | 10103 | Customer Peak Load | 665.042 | 830.471 | 910.127 | 946.706 | 864.547 | 805.877 | 730.341 | 638.897 | 632.523 | 711.121 | 732.245 | 664.240 |
| Columbia River | 10112 | Customer Peak Load | 69.569 | 80.374 | 86.198 | 84.875 | 82.315 | 77.094 | 73.171 | 63.602 | 62.473 | 68.930 | 70.079 | 65.901 |
| Coulee Dam | 10378 | Customer Peak Load | 2.232 | 3.137 | 3.916 | 4.018 | 3.963 | 3.311 | 2.450 | 2.014 | 1.740 | 2.139 | 2.135 | 1.623 |
| Cowlitz | 10123 | Customer Peak Load | 688.825 | 729.220 | 774.276 | 779.857 | 753.161 | 730.193 | 714.711 | 678.556 | 638.093 | 668.516 | 679.062 | 672.356 |
| Elmhurst | 10156 | Customer Peak Load | 45.479 | 62.167 | 71.749 | 74.506 | 66.289 | 57.975 | 44.533 | 37.047 | 32.027 | 33.189 | 34.327 | 34.163 |
| Glacier | 10186 | Customer Peak Load | 26.228 | 30.653 | 32.945 | 34.386 | 34.554 | 31.799 | 27.692 | 24.563 | 24.357 | 24.806 | 23.903 | 25.221 |
| Hood River | 10202 | Customer Peak Load | 23.050 | 24.342 | 25.795 | 26.005 | 24.355 | 22.467 | 21.387 | 17.850 | 13.886 | 15.522 | 18.810 | 20.171 |
| Klickitat | 10231 | Customer Peak Load | 62.763 | 68.431 | 79.154 | 74.870 | 69.408 | 64.541 | 62.764 | 61.107 | 58.112 | 68.556 | 71.417 | 64.097 |
| Kootenai | 10234 | Customer Peak Load | 68.928 | 88.603 | 99.017 | 94.927 | 83.355 | 78.015 | 69.110 | 62.726 | 67.076 | 75.585 | 75.619 | 64.337 |
| Lakeview | 10235 | Customer Peak Load | 42.067 | 50.926 | 54.042 | 56.009 | 51.786 | 47.295 | 43.226 | 33.579 | 34.611 | 37.025 | 36.426 | 33.994 |
| Monmouth | 10083 | Customer Peak Load | 11.819 | 14.507 | 15.695 | 16.057 | 15.298 | 13.818 | 12.854 | 9.436 | 9.438 | 10.965 | 11.032 | 10.243 |
| NETL | 10406 | Customer Peak Load | 0.844 | 1.059 | 1.251 | 1.235 | 1.156 | 1.092 | 0.915 | 0.730 | 0.590 | 0.512 | 0.555 | 0.591 |
| Ohop | 10284 | Customer Peak Load | 16.916 | 20.420 | 23.617 | 23.392 | 22.358 | 20.307 | 18.211 | 11.555 | 9.288 | 10.224 | 10.181 | 10.213 |
| OPALCO | 10288 | Customer Peak Load | 35.958 | 44.931 | 55.210 | 52.449 | 48.460 | 44.171 | 40.171 | 26.661 | 23.910 | 25.550 | 24.546 | 25.881 |
| PAC | 10300 | Customer Peak Load | 298.874 | 323.461 | 358.836 | 353.706 | 343.260 | 324.842 | 333.246 | 271.671 | 234.358 | 264.411 | 246.222 | 251.699 |
| Parkland | 10304 | Customer Peak Load | 17.369 | 24.049 | 27.304 | 27.843 | 25.266 | 21.337 | 17.752 | 15.254 | 13.696 | 13.882 | 14.132 | 14.991 |
| Peninsula | 10307 | Customer Peak Load | 104.777 | 124.875 | 148.014 | 147.343 | 134.404 | 122.988 | 103.749 | 83.419 | 75.168 | 78.199 | 78.259 | 79.157 |
| Riverside Electric | 10338 | Customer Peak Load | 3.000 | 3.679 | 4.124 | 4.094 | 4.030 | 3.450 | 3.349 | 3.887 | 5.030 | 4.669 | 4.185 | 3.573 |
| Salmon River | 10343 | Customer Peak Load | 12.892 | 16.255 | 18.789 | 18.714 | 17.354 | 16.107 | 13.583 | 15.672 | 15.954 | 15.367 | 15.322 | 13.577 |
| Steilacoom | 10379 | Customer Peak Load | 7.626 | 9.483 | 10.187 | 10.465 | 9.997 | 8.214 | 7.040 | 6.275 | 5.327 | 5.427 | 5.440 | 5.712 |
| Troy | 10097 | Customer Peak Load | 2.818 | 3.428 | 3.840 | 4.102 | 4.073 | 3.574 | 3.072 | 2.456 | 1.966 | 1.854 | 1.824 | 2.135 |
| Vera | 10434 | Customer Peak Load | 37.987 | 46.032 | 48.655 | 47.186 | 47.879 | 44.489 | 37.874 | 34.358 | 38.618 | 46.427 | 45.241 | 39.635 |
| Unk | 0 | Customer Peak Load | 85.547 | 54.806 | 122.536 | 83.260 | 166.549 | 101.337 | 94.637 | 54.985 | 43.500 | 57.739 | 80.747 | 81.105 |
| **Customer Peak Load** | | | **7,019.473** | **8,061.952** | **9,000.854** | **8,971.112** | **8,584.098** | **7,868.915** | **7,447.993** | **6,730.750** | **6,638.719** | **7,113.035** | **7,012.598** | **6,611.650** |

**Fiscal Year** **2019**

| COMPANY | CUST ID | PRODUCT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | **FISCAL YEAR 2019** | | | | | | |
| Albion | 10055 | Customer Peak Load | 0.617 | 0.801 | 1.040 | 1.014 | 0.841 | 0.755 | 0.669 | 0.515 | 0.431 | 0.464 | 0.446 | 0.412 |
| Asotin PUD | 10015 | Customer Peak Load | 1.207 | 0.798 | 0.833 | 0.919 | 0.741 | 1.017 | 1.505 | 1.703 | 2.251 | 2.376 | 2.411 | 1.773 |
| Bandon | 10059 | Customer Peak Load | 11.844 | 13.718 | 14.829 | 16.566 | 14.910 | 15.643 | 13.616 | 8.721 | 8.119 | 7.989 | 8.143 | 8.418 |
| Benton REA | 10025 | Customer Peak Load | 80.813 | 81.856 | 96.249 | 98.956 | 91.278 | 106.985 | 110.564 | 118.114 | 122.174 | 117.044 | 109.687 | 93.185 |
| Big Bend | 10027 | Customer Peak Load | 76.384 | 51.478 | 57.567 | 55.904 | 52.209 | 50.144 | 84.227 | 116.256 | 132.536 | 134.870 | 125.910 | 109.685 |
| Blaine | 10061 | Customer Peak Load | 11.302 | 13.162 | 13.952 | 13.867 | 13.394 | 12.182 | 11.192 | 9.602 | 9.462 | 9.602 | 9.612 | 9.806 |
| Bonners Ferry | 10062 | Customer Peak Load | 12.068 | 14.345 | 15.453 | 15.150 | 14.104 | 13.190 | 12.132 | 10.989 | 10.872 | 11.295 | 10.877 | 10.890 |
| Burley | 10064 | Customer Peak Load | 16.894 | 19.693 | 22.098 | 22.054 | 20.944 | 19.351 | 17.312 | 16.330 | 18.692 | 20.685 | 19.934 | 17.503 |

**Table 14.2**
**NT Load Forecast at Customer Peak**

| COMPANY | CUST ID | PRODUCT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Canby | 10044 | Customer Peak Load | 34.302 | 40.772 | 44.641 | 46.058 | 43.069 | 39.470 | 36.703 | 33.105 | 34.568 | 38.509 | 39.725 | 35.804 |
| Cascade Locks | 10065 | Customer Peak Load | 3.074 | 3.732 | 4.274 | 4.484 | 4.161 | 3.629 | 3.096 | 2.597 | 2.457 | 2.686 | 2.724 | 2.458 |
| Central Lincoln | 10047 | Customer Peak Load | 202.204 | 228.102 | 250.659 | 248.293 | 241.683 | 229.413 | 213.914 | 170.935 | 158.231 | 153.731 | 154.818 | 161.052 |
| Centralia | 10066 | Customer Peak Load | 39.486 | 48.318 | 51.754 | 50.223 | 50.015 | 44.160 | 40.075 | 30.704 | 28.929 | 29.957 | 32.658 | 30.594 |
| Cheney | 10067 | Customer Peak Load | 22.288 | 26.376 | 27.385 | 30.006 | 27.205 | 25.220 | 23.909 | 21.748 | 21.773 | 23.701 | 23.165 | 22.022 |
| Chewelah | 10068 | Customer Peak Load | 3.520 | 4.101 | 4.465 | 4.585 | 4.294 | 3.819 | 3.423 | 2.814 | 2.845 | 3.635 | 3.287 | 2.668 |
| Clallam | 10101 | Customer Peak Load | 138.427 | 161.777 | 180.510 | 188.227 | 180.562 | 163.617 | 143.955 | 104.067 | 84.663 | 76.748 | 78.939 | 94.470 |
| Columbia Basin | 10109 | Customer Peak Load | 13.467 | 13.574 | 15.920 | 14.060 | 14.786 | 13.403 | 16.167 | 17.638 | 18.456 | 18.878 | 17.501 | 16.348 |
| Columbia Power | 10111 | Customer Peak Load | 3.866 | 4.897 | 6.019 | 5.611 | 5.157 | 4.438 | 4.484 | 4.170 | 4.455 | 5.316 | 5.238 | 4.257 |
| Columbia REA | 10113 | Customer Peak Load | 42.562 | 40.659 | 38.685 | 35.284 | 35.988 | 42.829 | 44.581 | 67.285 | 81.981 | 87.055 | 81.650 | 61.416 |
| Consolidated | 10116 | Customer Peak Load | 0.620 | 0.324 | 0.451 | 0.466 | 0.443 | 0.539 | 1.137 | 0.890 | 0.779 | 0.748 | 0.691 | 0.592 |
| Declo | 10070 | Customer Peak Load | 0.554 | 0.643 | 0.738 | 0.733 | 0.704 | 0.604 | 0.566 | 0.535 | 0.479 | 0.524 | 0.541 | 0.512 |
| DOE-RL | 10426 | Customer Peak Load | 27.258 | 44.196 | 44.179 | 48.129 | 44.836 | 38.027 | 28.503 | 23.922 | 27.587 | 31.663 | 30.641 | 25.916 |
| Drain | 10071 | Customer Peak Load | 2.829 | 3.056 | 3.812 | 3.791 | 3.516 | 3.337 | 3.004 | 2.403 | 2.163 | 2.296 | 2.304 | 2.254 |
| East End | 10142 | Customer Peak Load | 3.896 | 4.133 | 4.652 | 4.456 | 4.168 | 3.727 | 4.230 | 5.042 | 6.383 | 6.427 | 5.437 | 4.512 |
| Eatonville | 10144 | Customer Peak Load | 5.465 | 6.995 | 8.065 | 8.234 | 7.240 | 6.411 | 5.170 | 4.215 | 3.395 | 3.234 | 3.393 | 3.455 |
| Ellensburg | 10072 | Customer Peak Load | 34.918 | 35.794 | 34.364 | 36.484 | 34.430 | 33.235 | 30.330 | 24.778 | 28.848 | 32.980 | 29.672 | 31.542 |
| Emerald | 10157 | Customer Peak Load | 110.211 | 116.424 | 130.883 | 127.946 | 125.548 | 116.654 | 114.108 | 87.090 | 84.495 | 96.870 | 96.004 | 86.300 |
| Energy Northwest | 10158 | Customer Peak Load | 2.930 | 3.568 | 3.613 | 3.864 | 3.859 | 3.532 | 3.278 | 3.050 | 2.939 | 2.799 | 3.128 | 2.590 |
| EWEB | 10170 | Customer Peak Load | 341.154 | 380.208 | 422.354 | 431.210 | 411.637 | 372.935 | 338.001 | 277.276 | 277.751 | 312.297 | 316.440 | 286.599 |
| Fairchild | 10172 | Customer Peak Load | 6.907 | 7.317 | 7.887 | 7.987 | 8.104 | 7.062 | 7.122 | 7.849 | 8.122 | 8.470 | 8.417 | 7.733 |
| Farmers | 10174 | Customer Peak Load | 0.701 | 0.877 | 1.096 | 1.095 | 0.938 | 0.840 | 0.737 | 0.623 | 0.648 | 0.667 | 0.624 | 0.561 |
| Ferry | 10177 | Customer Peak Load | 12.778 | 15.512 | 17.690 | 18.075 | 17.338 | 14.839 | 13.567 | 11.883 | 9.812 | 9.778 | 9.503 | 10.838 |
| Flathead | 10179 | Customer Peak Load | 253.573 | 294.783 | 320.443 | 328.068 | 316.953 | 273.788 | 264.575 | 217.352 | 207.404 | 237.956 | 229.801 | 220.886 |
| Forest Grove | 10074 | Customer Peak Load | 46.158 | 53.276 | 57.959 | 57.092 | 54.942 | 48.451 | 46.841 | 38.431 | 38.879 | 44.721 | 43.967 | 42.297 |
| Grant | 10190 | Customer Peak Load | 7.065 | 12.032 | 13.925 | 13.267 | 10.821 | 9.134 | 7.957 | 6.381 | 6.196 | 7.220 | 7.164 | 5.815 |
| Harney | 10197 | Customer Peak Load | 22.221 | 12.900 | 15.790 | 14.930 | 12.930 | 14.600 | 43.677 | 58.219 | 62.360 | 62.610 | 57.239 | 49.760 |
| Hermiston | 10597 | Customer Peak Load | 15.453 | 19.150 | 19.883 | 19.359 | 17.802 | 15.750 | 14.224 | 18.859 | 20.842 | 24.323 | 23.511 | 19.131 |
| Heyburn | 10076 | Customer Peak Load | 8.325 | 9.536 | 10.377 | 10.588 | 9.911 | 9.184 | 8.560 | 7.466 | 7.952 | 8.325 | 8.005 | 7.456 |
| Idaho County | 10203 | Customer Peak Load | 9.078 | 11.515 | 13.151 | 13.084 | 12.270 | 10.755 | 9.242 | 8.300 | 7.545 | 8.911 | 8.497 | 7.335 |
| Idaho Falls Power | 10204 | Customer Peak Load | 100.217 | 122.748 | 141.798 | 140.687 | 138.992 | 120.796 | 105.174 | 92.498 | 103.486 | 108.066 | 106.127 | 93.769 |
| Inland | 10209 | Customer Peak Load | 147.981 | 166.753 | 182.977 | 202.196 | 189.347 | 165.111 | 153.450 | 142.086 | 135.004 | 149.507 | 145.988 | 132.875 |
| Jefferson | 12026 | Customer Peak Load | 73.609 | 84.125 | 90.884 | 95.071 | 96.701 | 83.078 | 75.264 | 48.939 | 46.274 | 43.746 | 41.427 | 47.001 |
| Kittitas | 10230 | Customer Peak Load | 17.006 | 22.532 | 25.043 | 25.015 | 22.433 | 20.383 | 18.361 | 15.775 | 14.804 | 16.606 | 16.497 | 14.266 |
| Lewis | 10237 | Customer Peak Load | 171.947 | 194.946 | 223.269 | 205.180 | 199.795 | 189.284 | 178.113 | 129.994 | 119.525 | 130.459 | 128.676 | 117.404 |

**Table 14.2**
**NT Load Forecast at Customer Peak**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | **COMPANY** | **CUST ID** | | **PRODUCT** | **OCT** | **NOV** | **DEC** | **JAN** | **FEB** | **MAR** | **APR** | **MAY** | **JUN** | **JUL** | **AUG** | **SEP** |
| 354 | Lost River | 10242 | | Customer Peak Load | 8.759 | 8.736 | 10.065 | 10.208 | 9.791 | 8.457 | 8.357 | 20.720 | 23.221 | 25.400 | 21.775 | 17.876 |
| 355 | | | | | | | | | | | | | | | | |
| 356 | Lower Valley | 10244 | | Customer Peak Load | 120.240 | 155.699 | 204.231 | 196.154 | 189.081 | 155.233 | 128.725 | 113.699 | 87.202 | 85.626 | 87.617 | 107.634 |
| 357 | | | | | | | | | | | | | | | | |
| 358 | Mason 1 | 10246 | | Customer Peak Load | 10.839 | 14.966 | 16.244 | 17.394 | 14.774 | 14.573 | 9.918 | 9.143 | 6.328 | 6.814 | 6.417 | 7.440 |
| 359 | | | | | | | | | | | | | | | | |
| 360 | Mason 3 | 10247 | | Customer Peak Load | 113.548 | 130.487 | 148.537 | 148.239 | 142.367 | 133.799 | 121.895 | 101.780 | 80.047 | 83.162 | 82.052 | 82.639 |
| 361 | | | | | | | | | | | | | | | | |
| 362 | McCleary | 10078 | | Customer Peak Load | 6.130 | 7.199 | 7.726 | 7.799 | 7.493 | 7.167 | 6.547 | 4.868 | 4.216 | 4.195 | 4.275 | 4.402 |
| 363 | | | | | | | | | | | | | | | | |
| 364 | McMinnville | 10079 | | Customer Peak Load | 140.436 | 153.267 | 167.236 | 165.136 | 164.389 | 152.970 | 149.656 | 134.037 | 131.526 | 145.729 | 142.694 | 137.110 |
| 365 | | | | | | | | | | | | | | | | |
| 366 | Midstate | 10256 | | Customer Peak Load | 57.859 | 66.474 | 78.128 | 99.080 | 88.660 | 84.394 | 68.690 | 61.226 | 58.962 | 56.249 | 59.691 | 55.818 |
| 367 | | | | | | | | | | | | | | | | |
| 368 | Milton | 10080 | | Customer Peak Load | 9.221 | 11.504 | 13.180 | 12.598 | 11.268 | 10.117 | 8.816 | 7.917 | 7.308 | 8.285 | 8.356 | 7.725 |
| 369 | | | | | | | | | | | | | | | | |
| 370 | Milton-Freewater | 10081 | | Customer Peak Load | 16.491 | 21.436 | 25.264 | 25.884 | 22.458 | 18.133 | 16.312 | 14.481 | 15.618 | 18.443 | 18.137 | 15.940 |
| 371 | | | | | | | | | | | | | | | | |
| 372 | Minidoka | 10082 | | Customer Peak Load | 0.167 | 0.234 | 0.247 | 0.254 | 0.233 | 0.203 | 0.182 | 0.154 | 0.123 | 0.124 | 0.125 | 0.125 |
| 373 | | | | | | | | | | | | | | | | |
| 374 | Mission Valley | 10258 | | Customer Peak Load | 65.925 | 80.761 | 89.622 | 94.394 | 88.254 | 76.678 | 66.276 | 60.766 | 58.519 | 64.581 | 59.014 | 56.866 |
| 375 | | | | | | | | | | | | | | | | |
| 376 | Missoula | 10259 | | Customer Peak Load | 35.671 | 43.437 | 48.684 | 48.421 | 44.860 | 40.122 | 35.383 | 34.060 | 36.510 | 39.321 | 37.547 | 33.610 |
| 377 | | | | | | | | | | | | | | | | |
| 378 | Modern | 10260 | | Customer Peak Load | 37.816 | 40.760 | 44.914 | 44.631 | 41.165 | 37.301 | 32.929 | 32.078 | 38.916 | 44.294 | 41.889 | 35.828 |
| 379 | | | | | | | | | | | | | | | | |
| 380 | Nespelem | 10273 | | Customer Peak Load | 9.832 | 8.647 | 10.051 | 9.106 | 8.478 | 7.469 | 10.836 | 11.535 | 13.197 | 14.381 | 14.269 | 11.871 |
| 381 | | | | | | | | | | | | | | | | |
| 382 | Northern Wasco | 10279 | | Customer Peak Load | 92.526 | 101.067 | 110.713 | 110.126 | 108.739 | 100.874 | 100.937 | 95.692 | 101.675 | 108.569 | 106.421 | 96.468 |
| 383 | | | | | | | | | | | | | | | | |
| 384 | Oregon Trail | 10291 | | Customer Peak Load | 98.824 | 113.796 | 123.586 | 128.825 | 124.365 | 107.603 | 99.959 | 98.270 | 104.780 | 115.118 | 113.165 | 95.159 |
| 385 | | | | | | | | | | | | | | | | |
| 386 | Pacific | 10294 | | Customer Peak Load | 49.694 | 70.156 | 76.972 | 74.120 | 68.153 | 62.593 | 55.272 | 42.422 | 32.829 | 31.787 | 32.639 | 39.641 |
| 387 | | | | | | | | | | | | | | | | |
| 388 | Plummer | 10086 | | Customer Peak Load | 5.967 | 6.567 | 7.264 | 7.395 | 7.013 | 6.664 | 6.080 | 5.008 | 4.541 | 4.350 | 4.359 | 4.785 |
| 389 | | | | | | | | | | | | | | | | |
| 390 | PNGC | 10298 | Lincoln | Customer Peak Load | 19.012 | 26.519 | 31.126 | 29.198 | 27.962 | 26.230 | 20.303 | 16.469 | 14.359 | 13.470 | 13.224 | 15.441 |
| 391 | | | | | | | | | | | | | | | | |
| 392 | | | Lane Electric | Customer Peak Load | 57.010 | 65.865 | 73.228 | 66.488 | 64.947 | 56.623 | 52.859 | 34.567 | 31.359 | 33.031 | 32.744 | 31.487 |
| 393 | | | | | | | | | | | | | | | | |
| 394 | | | Northern Lights | Customer Peak Load | 47.022 | 63.757 | 75.433 | 68.929 | 64.254 | 59.666 | 49.484 | 42.436 | 40.139 | 41.410 | 41.160 | 42.838 |
| 395 | | | | | | | | | | | | | | | | |
| 396 | | | Raft River | Customer Peak Load | 29.691 | 22.668 | 25.327 | 25.244 | 23.429 | 22.229 | 48.000 | 71.759 | 81.012 | 82.776 | 70.404 | 60.213 |
| 397 | | | | | | | | | | | | | | | | |
| 398 | | | Clearwater | Customer Peak Load | 35.107 | 43.247 | 48.991 | 44.954 | 44.046 | 38.970 | 35.419 | 31.918 | 27.503 | 28.846 | 28.779 | 29.011 |
| 399 | | | | | | | | | | | | | | | | |
| 400 | | | Douglas Elec | Customer Peak Load | 28.361 | 34.002 | 40.106 | 37.521 | 37.463 | 35.132 | 32.468 | 24.899 | 22.440 | 24.653 | 24.814 | 22.454 |
| 401 | | | | | | | | | | | | | | | | |
| 402 | | | Blachly-Lane | Customer Peak Load | 29.231 | 31.754 | 34.487 | 34.426 | 32.988 | 32.234 | 30.863 | 25.898 | 25.056 | 24.836 | 24.158 | 24.669 |
| 403 | | | | | | | | | | | | | | | | |
| 404 | | | West Oregon | Customer Peak Load | 12.505 | 14.702 | 16.155 | 15.664 | 15.384 | 14.543 | 13.334 | 10.302 | 8.900 | 9.508 | 9.292 | 9.000 |
| 405 | | | | | | | | | | | | | | | | |
| 406 | | | Okanogan Coop | Customer Peak Load | 10.127 | 15.333 | 18.687 | 18.412 | 14.907 | 12.296 | 9.796 | 9.242 | 7.594 | 8.495 | 8.239 | 7.855 |
| 407 | | | | | | | | | | | | | | | | |
| 408 | | | CEC | Customer Peak Load | 127.148 | 184.984 | 221.416 | 190.995 | 180.398 | 150.038 | 142.465 | 131.154 | 121.242 | 125.287 | 120.903 | 120.025 |
| 409 | | | | | | | | | | | | | | | | |
| 410 | | | Coos-Curry | Customer Peak Load | 55.873 | 68.549 | 77.091 | 77.407 | 74.910 | 70.971 | 70.378 | 45.822 | 42.889 | 44.916 | 45.419 | 48.540 |
| 411 | | | | | | | | | | | | | | | | |
| 412 | | | Consumers | Customer Peak Load | 46.313 | 51.029 | 60.266 | 63.862 | 59.076 | 54.139 | 50.794 | 41.759 | 32.866 | 42.725 | 43.225 | 38.142 |
| 413 | | | | | | | | | | | | | | | | |
| 414 | | | UEC | Customer Peak Load | 223.471 | 263.346 | 232.079 | 236.708 | 247.537 | 246.784 | 259.528 | 322.805 | 347.609 | 344.052 | 337.572 | 328.670 |
| 415 | | | | | | | | | | | | | | | | |
| 416 | | | Fall River | Customer Peak Load | 41.801 | 51.797 | 63.379 | 61.689 | 60.226 | 51.938 | 44.171 | 43.817 | 61.515 | 70.827 | 57.964 | 40.876 |
| 417 | | | | | | | | | | | | | | | | |
| 418 | Port | 10706 | | Customer Peak Load | 21.891 | 21.920 | 22.225 | 22.391 | 22.022 | 22.172 | 22.005 | 22.662 | 23.946 | 25.280 | 25.253 | 24.013 |
| 419 | | | | | | | | | | | | | | | | |
| 420 | Port Angeles | 10087 | | Customer Peak Load | 46.789 | 60.146 | 66.528 | 68.727 | 67.477 | 48.262 | 46.307 | 39.881 | 37.551 | 31.443 | 24.798 | 26.569 |
| 421 | | | | | | | | | | | | | | | | |
| 422 | Port Townsend Paper | 10312 | | Customer Peak Load | 20.936 | 20.167 | 18.949 | 18.038 | 16.618 | 16.704 | 18.264 | 18.923 | 19.578 | 19.281 | 20.407 | 16.576 |
| 423 | | | | | | | | | | | | | | | | |

**Table 14.2**
**NT Load Forecast at Customer Peak**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | COMPANY | CUST ID | | PRODUCT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
| 424 | Ravalli County | 10333 | | Customer Peak Load | 19.618 | 27.472 | 30.752 | 29.501 | 26.406 | 23.088 | 21.631 | 21.460 | 23.762 | 23.259 | 22.862 | 18.403 |
| 425 | | | | | | | | | | | | | | | | |
| 426 | Richland | 10089 | | Customer Peak Load | 141.882 | 165.788 | 197.131 | 202.582 | 191.574 | 158.583 | 139.078 | 150.390 | 165.255 | 188.818 | 189.472 | 164.070 |
| 427 | | | | | | | | | | | | | | | | |
| 428 | Rupert | 10091 | | Customer Peak Load | 12.532 | 15.765 | 17.971 | 18.217 | 16.971 | 14.864 | 14.230 | 12.035 | 11.891 | 12.682 | 12.178 | 10.721 |
| 429 | | | | | | | | | | | | | | | | |
| 430 | Salem | 10342 | | Customer Peak Load | 50.575 | 60.274 | 70.694 | 64.521 | 54.788 | 52.506 | 49.701 | 47.686 | 48.466 | 62.832 | 63.646 | 55.320 |
| 431 | | | | | | | | | | | | | | | | |
| 432 | Skamania | 10352 | | Customer Peak Load | 25.489 | 29.679 | 32.481 | 35.502 | 30.656 | 30.015 | 26.306 | 21.998 | 19.374 | 19.679 | 19.778 | 19.917 |
| 433 | | | | | | | | | | | | | | | | |
| 434 | Soda Springs | 10094 | | Customer Peak Load | 4.018 | 4.622 | 5.098 | 4.944 | 4.734 | 4.346 | 4.093 | 3.738 | 3.585 | 3.826 | 3.804 | 3.543 |
| 435 | | | | | | | | | | | | | | | | |
| 436 | South Side | 10360 | | Customer Peak Load | 7.959 | 6.855 | 7.744 | 7.886 | 7.549 | 6.586 | 10.544 | 12.318 | 17.058 | 16.151 | 13.830 | 10.491 |
| 437 | | | | | | | | | | | | | | | | |
| 438 | SUB | 10363 | | Customer Peak Load | 134.107 | 155.277 | 172.292 | 169.531 | 166.864 | 147.952 | 138.536 | 106.810 | 108.150 | 119.928 | 121.040 | 112.342 |
| 439 | | | | | | | | | | | | | | | | |
| 440 | Sumas | 10095 | | Customer Peak Load | 5.480 | 5.660 | 5.880 | 5.800 | 5.830 | 5.660 | 5.390 | 5.240 | 5.290 | 5.310 | 5.240 | 5.300 |
| 441 | | | | | | | | | | | | | | | | |
| 442 | Surprise Valley | 10369 | | Customer Peak Load | 17.515 | 16.156 | 19.364 | 19.384 | 16.706 | 15.691 | 24.721 | 30.868 | 36.850 | 37.912 | 35.352 | 28.538 |
| 443 | | | | | | | | | | | | | | | | |
| 444 | Tanner | 10371 | | Customer Peak Load | 15.466 | 18.883 | 21.104 | 20.302 | 18.319 | 17.568 | 14.989 | 13.568 | 13.631 | 14.029 | 14.010 | 14.459 |
| 445 | | | | | | | | | | | | | | | | |
| 446 | Tillamook | 10376 | | Customer Peak Load | 85.170 | 97.727 | 104.409 | 45.781 | 42.260 | 39.493 | 34.832 | 26.189 | 19.527 | 24.826 | 19.748 | 21.770 |
| 447 | | | | | | | | | | | | | | | | |
| 448 | UIUC | 10482 | | Customer Peak Load | 6.229 | 6.319 | 6.541 | 6.381 | 6.271 | 6.183 | 6.126 | 6.221 | 6.244 | 6.496 | 6.604 | 6.506 |
| 449 | | | | | | | | | | | | | | | | |
| 450 | United Electric | 10391 | | Customer Peak Load | 28.705 | 36.365 | 42.563 | 39.472 | 38.889 | 33.619 | 35.969 | 40.631 | 50.682 | 51.343 | 41.436 | 34.567 |
| 451 | | | | | | | | | | | | | | | | |
| 452 | USN Bangor | 10409 | | Customer Peak Load | 23.451 | 26.195 | 28.792 | 27.146 | 26.264 | 24.059 | 22.795 | 21.619 | 21.060 | 21.011 | 20.992 | 21.237 |
| 453 | | | | | | | | | | | | | | | | |
| 454 | USN Bremerton | 10326 | | Customer Peak Load | 38.050 | 40.560 | 50.190 | 43.870 | 36.500 | 38.260 | 34.930 | 34.120 | 38.320 | 37.830 | 36.570 | 37.460 |
| 455 | | | | | | | | | | | | | | | | |
| 456 | USN Everett | 10408 | | Customer Peak Load | 1.700 | 1.750 | 1.910 | 1.900 | 1.800 | 1.870 | 1.780 | 1.660 | 1.490 | 1.450 | 1.500 | 1.500 |
| 457 | | | | | | | | | | | | | | | | |
| 458 | Vigilante | 10436 | | Customer Peak Load | 21.880 | 26.390 | 29.151 | 28.318 | 27.489 | 23.577 | 22.344 | 37.941 | 43.216 | 44.799 | 38.188 | 30.160 |
| 459 | | | | | | | | | | | | | | | | |
| 460 | Wahkiakum | 10440 | | Customer Peak Load | 4.273 | 6.159 | 6.131 | 5.790 | 5.540 | 4.930 | 4.253 | 3.193 | 2.605 | 2.374 | 2.812 | 2.977 |
| 461 | | | | | | | | | | | | | | | | |
| 462 | Wasco | 10442 | | Customer Peak Load | 14.915 | 19.621 | 23.026 | 21.090 | 20.278 | 15.379 | 15.131 | 14.129 | 15.809 | 18.607 | 17.633 | 12.733 |
| 463 | | | | | | | | | | | | | | | | |
| 464 | Weiser | 11680 | | Customer Peak Load | 7.439 | 9.322 | 10.116 | 10.391 | 9.813 | 8.521 | 7.642 | 7.475 | 9.350 | 10.677 | 10.679 | 9.018 |
| 465 | | | | | | | | | | | | | | | | |
| 466 | Whatcom | 10451 | | Customer Peak Load | 28.783 | 29.381 | 29.600 | 28.993 | 29.362 | 29.347 | 28.234 | 28.097 | 29.072 | 28.629 | 28.729 | 28.683 |
| 467 | | | | | | | | | | | | | | | | |
| 468 | WREC | 10446 | | Customer Peak Load | 98.530 | 106.876 | 111.068 | 111.112 | 107.566 | 104.096 | 99.342 | 96.931 | 102.727 | 105.548 | 104.403 | 101.154 |
| 469 | | | | | | | | | | | | | | | | |
| 470 | Yakama | 10502 | | Customer Peak Load | 8.311 | 9.090 | 9.254 | 9.206 | 9.077 | 8.804 | 8.082 | 8.856 | 9.493 | 10.175 | 9.800 | 9.600 |
| 471 | | | | | | | | | | | | | | | | |
| 472 | Alder | 10005 | | Customer Peak Load | 0.961 | 1.162 | 1.333 | 1.340 | 1.249 | 1.119 | 0.902 | 0.752 | 0.620 | 0.587 | 0.571 | 0.636 |
| 473 | | | | | | | | | | | | | | | | |
| 474 | Ashland | 10057 | | Customer Peak Load | 30.200 | 34.884 | 37.484 | 38.204 | 34.666 | 33.324 | 31.974 | 27.534 | 30.913 | 37.811 | 37.123 | 31.684 |
| 475 | | | | | | | | | | | | | | | | |
| 476 | Avista | 10016 | | Customer Peak Load | 79.833 | 88.190 | 98.582 | 84.107 | 79.240 | 73.574 | 72.077 | 91.452 | 100.555 | 92.261 | 88.833 | 76.606 |
| 477 | | | | | | | | | | | | | | | | |
| 478 | Clark | 10103 | | Customer Peak Load | 666.708 | 832.550 | 912.403 | 949.075 | 866.710 | 807.894 | 732.168 | 640.496 | 634.105 | 712.901 | 734.078 | 665.900 |
| 479 | | | | | | | | | | | | | | | | |
| 480 | Columbia River | 10112 | | Customer Peak Load | 69.706 | 80.531 | 86.367 | 85.038 | 82.475 | 77.244 | 73.314 | 63.727 | 62.594 | 69.066 | 70.214 | 66.030 |
| 481 | | | | | | | | | | | | | | | | |
| 482 | Coulee Dam | 10378 | | Customer Peak Load | 2.744 | 3.856 | 4.814 | 4.048 | 3.992 | 3.335 | 2.468 | 2.030 | 2.139 | 2.629 | 2.624 | 2.385 |
| 483 | | | | | | | | | | | | | | | | |
| 484 | Cowlitz | 10123 | | Customer Peak Load | 728.851 | 769.293 | 814.500 | 813.807 | 784.982 | 761.956 | 746.452 | 710.259 | 669.666 | 674.730 | 680.797 | 674.076 |
| 485 | | | | | | | | | | | | | | | | |
| 486 | Elmhurst | 10156 | | Customer Peak Load | 45.922 | 62.658 | 72.261 | 75.021 | 66.792 | 58.442 | 44.926 | 37.540 | 32.518 | 33.681 | 34.817 | 34.654 |
| 487 | | | | | | | | | | | | | | | | |
| 488 | Glacier | 10186 | | Customer Peak Load | 26.359 | 30.806 | 33.109 | 34.558 | 34.727 | 31.958 | 27.830 | 24.686 | 24.479 | 24.930 | 24.022 | 25.347 |
| 489 | | | | | | | | | | | | | | | | |
| 490 | Hood River | 10202 | | Customer Peak Load | 23.327 | 24.623 | 26.080 | 26.290 | 24.637 | 22.743 | 21.660 | 18.111 | 14.135 | 15.777 | 19.075 | 20.440 |
| 491 | | | | | | | | | | | | | | | | |
| 492 | Klickitat | 10231 | | Customer Peak Load | 63.077 | 68.774 | 79.550 | 75.245 | 69.755 | 64.864 | 63.078 | 61.413 | 58.403 | 68.899 | 71.774 | 64.417 |
| 493 | | | | | | | | | | | | | | | | |

**Table 14.2**
**NT Load Forecast at Customer Peak**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | **COMPANY** | **CUST ID** | | **PRODUCT** | **OCT** | **NOV** | **DEC** | **JAN** | **FEB** | **MAR** | **APR** | **MAY** | **JUN** | **JUL** | **AUG** | **SEP** |
| 494 | Kootenai | 10234 | | Customer Peak Load | 69.293 | 88.940 | 99.361 | 95.283 | 82.872 | 78.382 | 69.469 | 63.067 | 67.460 | 75.949 | 76.004 | 64.697 |
| 495 | | | | | | | | | | | | | | | | |
| 496 | Lakeview | 10235 | | Customer Peak Load | 42.236 | 51.129 | 54.257 | 56.233 | 51.993 | 47.484 | 43.398 | 33.713 | 34.749 | 37.172 | 36.572 | 34.130 |
| 497 | | | | | | | | | | | | | | | | |
| 498 | Monmouth | 10083 | | Customer Peak Load | 11.877 | 14.579 | 15.774 | 16.136 | 15.375 | 13.888 | 12.918 | 9.483 | 9.485 | 11.020 | 11.087 | 10.294 |
| 499 | | | | | | | | | | | | | | | | |
| 500 | NETL | 10406 | | Customer Peak Load | 0.844 | 1.059 | 1.251 | 1.235 | 1.156 | 1.092 | 0.915 | 0.730 | 0.590 | 0.512 | 0.555 | 0.591 |
| 501 | | | | | | | | | | | | | | | | |
| 502 | Ohop | 10284 | | Customer Peak Load | 16.950 | 20.461 | 23.666 | 23.439 | 22.404 | 20.347 | 18.247 | 11.578 | 9.307 | 10.244 | 10.202 | 10.233 |
| 503 | | | | | | | | | | | | | | | | |
| 504 | OPALCO | 10288 | | Customer Peak Load | 36.048 | 45.044 | 55.348 | 52.579 | 48.581 | 44.282 | 40.271 | 26.728 | 23.969 | 25.614 | 24.607 | 25.946 |
| 505 | | | | | | | | | | | | | | | | |
| 506 | PAC | 10300 | | Customer Peak Load | 298.873 | 323.463 | 358.836 | 353.710 | 343.262 | 324.846 | 333.253 | 271.675 | 234.359 | 264.412 | 246.222 | 251.700 |
| 507 | | | | | | | | | | | | | | | | |
| 508 | Parkland | 10304 | | Customer Peak Load | 17.474 | 24.172 | 27.431 | 27.969 | 25.387 | 21.448 | 17.861 | 15.365 | 13.816 | 14.001 | 14.251 | 15.110 |
| 509 | | | | | | | | | | | | | | | | |
| 510 | Peninsula | 10307 | | Customer Peak Load | 105.979 | 126.073 | 149.268 | 148.592 | 135.592 | 124.172 | 104.870 | 84.648 | 76.396 | 79.420 | 79.477 | 80.371 |
| 511 | | | | | | | | | | | | | | | | |
| 512 | Riverside Electric | 10338 | | Customer Peak Load | 3.000 | 3.679 | 4.124 | 4.094 | 4.030 | 3.450 | 3.349 | 3.887 | 5.030 | 4.669 | 4.185 | 3.573 |
| 513 | | | | | | | | | | | | | | | | |
| 514 | Salmon River | 10343 | | Customer Peak Load | 12.892 | 16.255 | 18.789 | 18.714 | 17.354 | 16.107 | 13.583 | 15.672 | 15.954 | 15.367 | 15.322 | 13.577 |
| 515 | | | | | | | | | | | | | | | | |
| 516 | Steilacoom | 10379 | | Customer Peak Load | 7.670 | 9.527 | 10.231 | 10.509 | 10.041 | 8.257 | 7.079 | 6.318 | 5.371 | 5.471 | 5.483 | 5.756 |
| 517 | | | | | | | | | | | | | | | | |
| 518 | Troy | 10097 | | Customer Peak Load | 2.825 | 3.436 | 3.849 | 4.112 | 4.083 | 3.583 | 3.080 | 2.462 | 1.971 | 1.858 | 1.828 | 2.141 |
| 519 | | | | | | | | | | | | | | | | |
| 520 | Vera | 10434 | | Customer Peak Load | 38.343 | 46.462 | 49.117 | 47.627 | 48.330 | 44.903 | 38.221 | 34.683 | 38.978 | 46.871 | 45.680 | 40.008 |
| 521 | | | | | | | | | | | | | | | | |
| 522 | Unk | 0 | | Customer Peak Load | 64.593 | 29.445 | 106.159 | 57.251 | 109.983 | 59.643 | 59.571 | 16.492 | 12.605 | 41.837 | 64.316 | 64.326 |
| 523 | | | | | | | | | | | | | | | | |
| 524 | **Customer Peak Load** | | | | **7,138.074** | **8,189.717** | **9,126.959** | **9,010.521** | **8,627.358** | **7,897.936** | **7,483.536** | **6,780.992** | **6,700.716** | **7,158.888** | **7,059.242** | **6,646.573** |

**Table 15**
**Utility Delivery Forecast (Annual Average of Monthly Peak MegaWatts)**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | COMPANY | CUST ID | | DELIVERY POINT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
| 5 | | | | | | | | | | FISCAL YEAR 2018 | | | | | | |
| 6 | Ashland | 10057 | | Mountain Avenue 12.5 kV | 7.076 | 7.920 | 11.462 | 9.582 | 10.787 | 10.133 | 7.422 | 5.559 | 9.005 | 12.162 | 10.639 | 9.196 |
| 7 | | | | | | | | | | | | | | | | |
| 8 | Bandon | 10059 | | Bandon 12.5 kV - BNDN | 5.592 | 6.741 | 7.128 | 8.879 | 7.961 | 7.573 | 5.559 | 4.276 | 3.987 | 3.958 | 3.999 | 4.156 |
| 9 | | | | Langlois 12.5 kV - BNDN | 0.383 | 0.544 | 0.670 | 0.595 | 0.611 | 0.530 | 0.488 | 0.360 | 0.296 | 0.350 | 0.404 | 0.421 |
| 10 | | | | Two Mile 12.5 kV | 2.933 | 3.137 | 3.619 | 3.957 | 3.735 | 3.540 | 3.430 | 2.066 | 1.864 | 1.958 | 2.027 | 1.714 |
| 11 | | | | | | | | | | | | | | | | |
| 12 | Big Bend | 10027 | | Eagle Lake 13.8 kV | 4.401 | 4.644 | 5.992 | 5.011 | 3.999 | 3.310 | 6.463 | 7.666 | 11.135 | 11.799 | 11.696 | 8.686 |
| 13 | | | | Glade 13.8 kV - BBEC | 3.982 | 3.847 | 4.213 | 4.282 | 4.293 | 3.026 | 5.321 | 7.680 | 9.415 | 9.852 | 9.659 | 7.033 |
| 14 | | | | Ringold 13.8-BBEC | 1.577 | 1.700 | 1.617 | 1.989 | 1.879 | 1.277 | 2.268 | 3.673 | 5.140 | 5.399 | 5.158 | 3.731 |
| 15 | | | | Scooteney 13.8-BBEC | 1.198 | 1.323 | 1.434 | 1.377 | 1.085 | 0.916 | 1.731 | 2.298 | 3.694 | 4.161 | 3.687 | 2.450 |
| 16 | | | | | | | | | | | | | | | | |
| 17 | Bonners Ferry | 10062 | | Bonners Ferry 13.8-BNRF | 3.639 | 4.290 | 5.242 | 4.267 | 4.060 | 4.067 | 3.343 | 3.192 | 2.378 | 2.663 | 1.485 | 2.596 |
| 18 | | | | Moyie Bnrs Fry 13.8 kV | 5.013 | 3.643 | 5.035 | 4.803 | 4.706 | 3.732 | 3.776 | 3.540 | 4.523 | 4.589 | 4.218 | 3.718 |
| 19 | | | | | | | | | | | | | | | | |
| 20 | Cascade Locks | 10065 | | Acton 13.8 kV | 0.445 | 0.511 | 0.565 | 0.568 | 0.520 | 0.470 | 0.450 | 0.396 | 0.437 | 0.468 | 0.463 | 0.408 |
| 21 | | | | Cascade Locks 13.8 kV | 0.069 | 0.070 | 0.069 | 0.069 | 0.070 | 0.069 | 0.070 | 0.069 | 0.070 | 0.069 | 0.069 | 0.070 |
| 22 | | | | | | | | | | | | | | | | |
| 23 | Central Lincoln | 10047 | | Mapleton 12.5 kV | 1.909 | 2.197 | 2.859 | 2.530 | 2.625 | 2.168 | 2.167 | 1.447 | 1.180 | 1.256 | 1.262 | 1.238 |
| 24 | | | | | | | | | | | | | | | | |
| 25 | Columbia REA | 10113 | | Burbank 12.5 kV | 1.694 | 2.055 | 2.392 | 2.445 | 2.417 | 1.854 | 1.360 | 1.415 | 2.206 | 2.577 | 2.549 | 2.361 |
| 26 | | | | Stateline 12.5 kV | 2.168 | 1.108 | 0.457 | 0.287 | 0.264 | 0.864 | 1.849 | 1.832 | 1.492 | 1.556 | 1.841 | 1.538 |
| 27 | | | | | | | | | | | | | | | | |
| 28 | Coulee Dam | 10378 | | Coulee Dam 12 kV-COUL | 1.510 | 2.531 | 3.339 | 3.234 | 3.381 | 2.465 | 1.133 | 1.391 | 1.591 | 1.948 | 1.910 | 1.330 |
| 29 | | | | | | | | | | | | | | | | |
| 30 | Drain | 10071 | | Drain 12.5-Drain | 2.181 | 2.604 | 3.145 | 2.926 | 3.140 | 2.768 | 2.339 | 1.934 | 1.698 | 1.967 | 2.086 | 2.050 |
| 31 | | | | | | | | | | | | | | | | |
| 32 | Eatonville | 10144 | | Lynch Creek 12.5-EATV | 3.970 | 5.050 | 6.974 | 5.610 | 6.168 | 5.681 | 3.653 | 3.114 | 2.809 | 2.736 | 2.940 | 2.878 |
| 33 | | | | | | | | | | | | | | | | |
| 34 | Franklin County | 10183 | | Ringold 13.8-FCPD | 0.000 | 1.343 | 2.256 | 2.128 | 1.915 | 1.836 | 4.002 | 4.433 | 5.840 | 6.298 | 6.595 | 5.048 |
| 35 | | | | | | | | | | | | | | | | |
| 36 | Grant | 10190 | | Grand Coulee 12 kV | 3.370 | 5.763 | 6.194 | 6.933 | 5.213 | 3.929 | 3.742 | 2.683 | 2.634 | 3.631 | 3.551 | 2.813 |
| 37 | | | | | | | | | | | | | | | | |
| 38 | Hood River | 10202 | | Hood River 12.5 kV | 0.269 | 0.690 | 0.188 | 0.574 | 0.508 | 0.358 | 0.326 | 0.049 | 0.000 | 0.000 | 0.000 | 0.177 |
| 39 | | | | Parkdale 12.5-HOOD | 5.734 | 6.836 | 8.114 | 6.436 | 6.642 | 7.383 | 4.544 | 4.299 | 3.796 | 4.473 | 4.847 | 4.809 |
| 40 | | | | | | | | | | | | | | | | |
| 41 | Lower Valley | 10244 | | Swan Valley 12.5 kV | 1.451 | 1.905 | 2.609 | 2.409 | 2.130 | 1.801 | 1.423 | 1.210 | 1.603 | 1.889 | 1.580 | 1.123 |
| 42 | | | | | | | | | | | | | | | | |
| 43 | Mason 3 | 10247 | | Potlatch 12.5 kV | 2.531 | 3.162 | 4.100 | 3.920 | 3.569 | 3.540 | 2.642 | 2.138 | 1.564 | 1.658 | 1.714 | 1.390 |
| 44 | | | | | | | | | | | | | | | | |
| 45 | Milton | 10080 | | Surprise Lake 12.5 kV | 7.783 | 10.353 | 12.058 | 11.227 | 10.214 | 9.137 | 7.872 | 6.475 | 6.322 | 7.011 | 7.229 | 6.548 |
| 46 | | | | | | | | | | | | | | | | |
| 47 | Minidoka | 10082 | | Minidoka 2.4 kV | 0.122 | 0.185 | 0.197 | 0.215 | 0.179 | 0.148 | 0.122 | 0.092 | 0.088 | 0.091 | 0.086 | 0.074 |
| 48 | | | | | | | | | | | | | | | | |
| 49 | Monmouth | 10083 | | Monmouth 12.5 kV - MONM | 5.581 | 6.552 | 6.898 | 7.259 | 7.118 | 6.073 | 5.382 | 4.308 | 4.366 | 5.205 | 5.233 | 4.772 |
| 50 | | | | | | | | | | | | | | | | |
| 51 | Nespelem | 10273 | | Lone Pine 11.95 kV | 1.039 | 1.419 | 1.712 | 1.888 | 1.464 | 1.260 | 1.078 | 0.797 | 0.705 | 0.899 | 0.877 | 0.575 |
| 52 | | | | | | | | | | | | | | | | |
| 53 | NETL | 10406 | | Albany 12.5 kV-DOE | 0.555 | 0.816 | 0.924 | 0.961 | 0.961 | 0.826 | 0.655 | 0.501 | 0.400 | 0.470 | 0.460 | 0.432 |
| 54 | | | | | | | | | | | | | | | | |
| 55 | Ohop | 10284 | | Lynch Creek 12.5-OHOP | 0.714 | 0.997 | 1.195 | 1.061 | 1.043 | 0.969 | 0.720 | 0.439 | 0.353 | 0.522 | 0.519 | 0.336 |
| 56 | | | | | | | | | | | | | | | | |
| 57 | PAC | 10300 | | Albany PAC NT DP | 6.338 | 6.204 | 8.842 | 6.571 | 6.719 | 6.261 | 5.843 | 4.944 | 5.472 | 6.710 | 7.732 | 6.673 |
| 58 | | | | Bandon PAC NT DP | 2.414 | 2.078 | 2.531 | 1.802 | 2.188 | 1.886 | 1.294 | 1.360 | 1.158 | 1.106 | 1.212 | 1.853 |
| 59 | | | | | | | | | | | | | | | | |
| 60 | PNGC | 10298 | Blachly-Lane | Alderwood 12.5 kV | 3.582 | 5.157 | 5.791 | 5.100 | 5.279 | 4.382 | 4.414 | 3.271 | 2.932 | 3.170 | 3.709 | 3.091 |
| 61 | | | | Walton 12.5 kV | 0.706 | 1.003 | 0.908 | 0.914 | 0.973 | 0.879 | 0.669 | 0.556 | 0.565 | 0.392 | 0.638 | 0.516 |
| 62 | | | | | | | | | | | | | | | | |
| 63 | | | Consumers | Burnt Woods 24.9 kV | 1.428 | 1.876 | 2.061 | 2.029 | 1.914 | 1.723 | 1.384 | 1.238 | 1.061 | 1.068 | 1.200 | 0.796 |
| 64 | | | | Harrisburg 12.5 kV | 2.731 | 3.136 | 3.732 | 3.879 | 3.561 | 3.200 | 3.613 | 2.026 | 1.641 | 3.163 | 4.290 | 3.273 |
| 65 | | | | Monmouth 12.5 kV - CP | 1.578 | 1.818 | 1.950 | 2.269 | 1.902 | 1.904 | 1.854 | 1.161 | 0.794 | 1.357 | 1.420 | 0.957 |
| 66 | | | | North Butte 12.5 kV | 1.036 | 1.388 | 1.609 | 1.515 | 1.499 | 1.343 | 1.154 | 0.869 | 0.957 | 0.653 | 0.990 | 1.147 |
| 67 | | | | Tumble Creek 24.9 kV | 1.091 | 1.468 | 1.908 | 1.684 | 1.497 | 1.336 | 1.168 | 0.929 | 0.844 | 1.176 | 1.088 | 0.862 |

**Table 15**
**Utility Delivery Forecast (Annual Average of Monthly Peak MegaWatts)**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | **COMPANY** | **CUST ID** | | **DELIVERY POINT** | **OCT** | **NOV** | **DEC** | **JAN** | **FEB** | **MAR** | **APR** | **MAY** | **JUN** | **JUL** | **AUG** | **SEP** |
| 68 | | | | | | | | | | | | | | | | |
| 69 | | | Coos-Curry | Bandon 12.5 kV - CCEC | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 70 | | | | Langlois 12.5 kV - CCEC | 1.742 | 1.827 | 1.729 | 1.704 | 1.637 | 1.823 | 1.358 | 1.165 | 1.230 | 1.230 | 0.809 | 1.136 |
| 71 | | | | Norway 12.5 kV | 3.053 | 3.551 | 3.761 | 3.293 | 3.466 | 2.865 | 2.809 | 1.572 | 1.123 | 1.447 | 1.896 | 1.677 |
| 72 | | | | Port Orford 12.5 kV | 3.217 | 4.255 | 4.418 | 4.389 | 4.093 | 3.641 | 3.445 | 2.613 | 2.456 | 2.566 | 3.640 | 3.509 |
| 73 | | | | | | | | | | | | | | | | |
| 74 | | | Douglas Elec | Drain 12.5-DEC | 2.020 | 2.265 | 2.580 | 2.982 | 2.692 | 2.738 | 2.593 | 1.850 | 1.745 | 2.295 | 2.402 | 1.943 |
| 75 | | | | Gardiner 13.8 kV-DEC | 0.435 | 0.482 | 0.601 | 0.540 | 0.545 | 0.543 | 0.470 | 0.443 | 0.325 | 0.321 | 0.318 | 0.344 |
| 76 | | | | Reedsport 12.5-DEC | 0.522 | 0.665 | 0.871 | 0.831 | 0.767 | 0.674 | 0.675 | 0.561 | 0.384 | 0.428 | 0.347 | 0.371 |
| 77 | | | | | | | | | | | | | | | | |
| 78 | | | Northern Lights | Bonners Ferry 13.8-NORT | 2.380 | 3.448 | 3.996 | 3.385 | 2.200 | 2.564 | 2.209 | 2.089 | 2.075 | 2.068 | 2.336 | 1.738 |
| 79 | | | | Laclede 13.8 kV | 6.164 | 5.866 | 7.295 | 4.005 | 5.672 | 6.082 | 5.318 | 5.464 | 4.744 | 5.098 | 3.986 | 5.092 |
| 80 | | | | North Bench 13.8-NORT | 2.850 | 4.070 | 4.523 | 4.282 | 2.771 | 3.480 | 2.505 | 2.288 | 0.941 | 2.231 | 2.506 | 2.267 |
| 81 | | | | Sandpoint 13.8 kV | 1.853 | 2.543 | 3.091 | 2.839 | 2.267 | 2.119 | 1.617 | 1.462 | 1.618 | 1.568 | 2.008 | 1.771 |
| 82 | | | | Selle 13.8 kV | 4.152 | 6.129 | 8.740 | 5.775 | 5.242 | 6.620 | 4.249 | 3.131 | 3.337 | 3.453 | 3.271 | 3.167 |
| 83 | | | | Yaak 12.5 kV | 0.867 | 1.174 | 1.269 | 1.106 | 0.977 | 0.922 | 0.790 | 0.649 | 0.683 | 0.745 | 0.733 | 0.707 |
| 84 | | | | | | | | | | | | | | | | |
| 85 | | | Okanogan Coop | Winthrop 12.47 kV | 6.876 | 10.713 | 12.660 | 13.163 | 10.573 | 8.080 | 6.443 | 5.447 | 5.390 | 6.123 | 6.133 | 5.073 |
| 86 | | | | | | | | | | | | | | | | |
| 87 | | | Raft River | Grouse Creek 138 kV | 0.294 | 0.365 | 0.452 | 0.480 | 0.415 | 0.368 | 0.358 | 0.777 | 0.848 | 0.816 | 0.845 | 0.604 |
| 88 | | | | | | | | | | | | | | | | |
| 89 | | | West Oregon | Necanicum 12.5 kV | 0.418 | 0.491 | 0.481 | 0.506 | 0.515 | 0.512 | 0.444 | 0.257 | 0.199 | 0.198 | 0.191 | 0.201 |
| 90 | | | | | | | | | | | | | | | | |
| 91 | Steilacoom | 10379 | | Steilacoom 12.5 kV | 6.669 | 8.923 | 9.626 | 8.984 | 8.757 | 7.457 | 5.656 | 4.891 | 3.898 | 4.381 | 4.544 | 4.439 |
| 92 | | | | | | | | | | | | | | | | |
| 93 | Surprise Valley | 10369 | | Davis Creek 12.5 kV | 0.597 | 0.600 | 0.698 | 0.616 | 0.492 | 0.356 | 0.647 | 1.079 | 1.666 | 1.821 | 1.748 | 1.377 |
| 94 | | | | | | | | | | | | | | | | |
| 95 | Tacoma Power | 10370 | | Ketron Island | 0.064 | 0.076 | 0.084 | 0.094 | 0.077 | 0.074 | 0.070 | 0.035 | 0.021 | 0.027 | 0.024 | 0.023 |
| 96 | | | | | | | | | | | | | | | | |
| 97 | Troy | 10097 | | Troy 13.8-Troy | 2.151 | 2.819 | 3.420 | 3.093 | 3.336 | 2.817 | 2.343 | 1.766 | 1.444 | 1.675 | 1.685 | 1.441 |
| 98 | | | | | | | | | | | | | | | | |
| 99 | Unk | 0 | | UNKNOWN | 2.002 | 2.002 | 2.002 | 2.002 | 2.002 | 2.002 | 2.002 | 2.002 | 2.002 | 2.002 | 2.002 | 2.002 |
| 100 | | | | | | | | | | | | | | | | |
| 101 | **Utility Delivery Load** | | | | **148.119** | **180.328** | **214.286** | **197.254** | **186.685** | **170.354** | **152.724** | **135.227** | **142.144** | **160.903** | **162.486** | **141.721** |
| 102 | | | | | | | | | | | | | | | | |
| 103 | | | | | | | | | | | | | | | | |
| 104 | | | | | | | | | | | | | | | | |
| 105 | | | | | | | | | | | | | | | | |
| 106 | **Fiscal_Year** | **2019** | | | | | | | | | | | | | | |
| 107 | | | | | | | | | | | | | | | | |
| 108 | **COMPANY** | **CUST ID** | | **DELIVERY POINT** | **OCT** | **NOV** | **DEC** | **JAN** | **FEB** | **MAR** | **APR** | **MAY** | **JUN** | **JUL** | **AUG** | **SEP** |
| 109 | | | | | | | | | | **FISCAL YEAR 2019** | | | | | | |
| 110 | Ashland | 10057 | | Mountain Avenue 12.5 kV | 7.076 | 7.920 | 11.462 | 9.582 | 10.787 | 10.133 | 7.422 | 5.559 | 9.005 | 12.162 | 10.639 | 9.196 |
| 111 | | | | | | | | | | | | | | | | |
| 112 | Bandon | 10059 | | Bandon 12.5 kV - BNDN | 5.606 | 6.759 | 7.147 | 8.902 | 7.981 | 7.593 | 5.573 | 4.287 | 3.997 | 3.969 | 4.009 | 4.167 |
| 113 | | | | Langlois 12.5 kV - BNDN | 0.383 | 0.544 | 0.670 | 0.595 | 0.611 | 0.530 | 0.488 | 0.360 | 0.296 | 0.350 | 0.404 | 0.421 |
| 114 | | | | Two Mile 12.5 kV | 2.941 | 3.145 | 3.629 | 3.968 | 3.745 | 3.550 | 3.440 | 2.071 | 1.869 | 1.963 | 2.032 | 1.718 |
| 115 | | | | | | | | | | | | | | | | |
| 116 | Big Bend | 10027 | | Eagle Lake 13.8 kV | 4.465 | 4.730 | 6.087 | 5.098 | 4.083 | 3.374 | 6.532 | 7.739 | 11.223 | 11.882 | 11.782 | 8.768 |
| 117 | | | | Glade 13.8 kV - BBEC | 4.020 | 3.898 | 4.260 | 4.334 | 4.350 | 3.064 | 5.363 | 7.728 | 9.466 | 9.906 | 9.715 | 7.085 |
| 118 | | | | Ringold 13.8-BBEC | 1.577 | 1.702 | 1.618 | 1.991 | 1.883 | 1.280 | 2.269 | 3.674 | 5.141 | 5.400 | 5.159 | 3.731 |
| 119 | | | | Scooteney 13.8-BBEC | 1.198 | 1.324 | 1.434 | 1.379 | 1.087 | 0.918 | 1.731 | 2.299 | 3.694 | 4.161 | 3.688 | 2.451 |
| 120 | | | | | | | | | | | | | | | | |
| 121 | Bonners Ferry | 10062 | | Bonners Ferry 13.8-BNRF | 3.699 | 4.352 | 5.299 | 4.311 | 4.107 | 4.133 | 3.381 | 3.227 | 2.427 | 2.716 | 1.528 | 2.655 |
| 122 | | | | Moyie Bnrs Fry 13.8 kV | 5.055 | 3.670 | 5.074 | 4.838 | 4.709 | 3.761 | 3.806 | 3.569 | 4.562 | 4.628 | 4.253 | 3.748 |
| 123 | | | | | | | | | | | | | | | | |
| 124 | Cascade Locks | 10065 | | Acton 13.8 kV | 0.445 | 0.511 | 0.565 | 0.568 | 0.520 | 0.470 | 0.450 | 0.396 | 0.437 | 0.468 | 0.463 | 0.408 |
| 125 | | | | Cascade Locks 13.8 kV | 0.069 | 0.070 | 0.069 | 0.069 | 0.070 | 0.069 | 0.070 | 0.069 | 0.070 | 0.069 | 0.069 | 0.070 |
| 126 | | | | | | | | | | | | | | | | |
| 127 | Central Lincoln | 10047 | | Mapleton 12.5 kV | 1.905 | 2.192 | 2.854 | 2.526 | 2.620 | 2.164 | 2.163 | 1.443 | 1.177 | 1.253 | 1.259 | 1.236 |
| 128 | | | | | | | | | | | | | | | | |
| 129 | Columbia REA | 10113 | | Burbank 12.5 kV | 1.699 | 2.061 | 2.399 | 2.452 | 2.424 | 1.859 | 1.364 | 1.420 | 2.212 | 2.585 | 2.557 | 2.368 |
| 130 | | | | Stateline 12.5 kV | 2.184 | 1.116 | 0.460 | 0.289 | 0.266 | 0.870 | 1.863 | 1.845 | 1.503 | 1.568 | 1.855 | 1.550 |

**Table 15**
**Utility Delivery Forecast (Annual Average of Monthly Peak MegaWatts)**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | **COMPANY** | **CUST ID** | | **DELIVERY POINT** | **OCT** | **NOV** | **DEC** | **JAN** | **FEB** | **MAR** | **APR** | **MAY** | **JUN** | **JUL** | **AUG** | **SEP** |
| 131 | | | | | | | | | | | | | | | | |
| 132 | Coulee Dam | 10378 | | Coulee Dam 12 kV-COUL | 1.521 | 2.550 | 3.364 | 3.258 | 3.406 | 2.484 | 1.142 | 1.401 | 1.603 | 1.963 | 1.924 | 1.340 |
| 133 | | | | | | | | | | | | | | | | |
| 134 | Drain | 10071 | | Drain 12.5-Drain | 2.187 | 2.610 | 3.153 | 2.933 | 3.148 | 2.775 | 2.345 | 1.939 | 1.702 | 1.972 | 2.091 | 2.055 |
| 135 | | | | | | | | | | | | | | | | |
| 136 | Eatonville | 10144 | | Lynch Creek 12.5-EATV | 3.978 | 5.060 | 6.988 | 5.621 | 6.181 | 5.692 | 3.660 | 3.120 | 2.814 | 2.742 | 2.946 | 2.884 |
| 137 | | | | | | | | | | | | | | | | |
| 138 | Franklin County | 10183 | | Ringold 13.8-FCPD | 0.000 | 1.346 | 2.262 | 2.136 | 1.920 | 1.842 | 4.004 | 4.428 | 5.837 | 6.296 | 6.596 | 5.049 |
| 139 | | | | | | | | | | | | | | | | |
| 140 | Grant | 10190 | | Grand Coulee 12 kV | 3.399 | 5.795 | 6.224 | 6.966 | 5.243 | 3.957 | 3.772 | 2.709 | 2.664 | 3.664 | 3.583 | 2.843 |
| 141 | | | | | | | | | | | | | | | | |
| 142 | Hood River | 10202 | | Hood River 12.5 kV | 0.269 | 0.690 | 0.188 | 0.574 | 0.508 | 0.358 | 0.326 | 0.049 | 0.000 | 0.000 | 0.000 | 0.177 |
| 143 | | | | Parkdale 12.5-HOOD | 5.780 | 6.895 | 8.188 | 6.484 | 6.701 | 7.454 | 4.584 | 4.344 | 3.845 | 4.531 | 4.912 | 4.868 |
| 144 | | | | | | | | | | | | | | | | |
| 145 | Lower Valley | 10244 | | Swan Valley 12.5 kV | 1.451 | 1.905 | 2.609 | 2.409 | 2.130 | 1.801 | 1.423 | 1.210 | 1.603 | 1.889 | 1.580 | 1.123 |
| 146 | | | | | | | | | | | | | | | | |
| 147 | Mason 3 | 10247 | | Potlatch 12.5 kV | 2.537 | 3.170 | 4.110 | 3.930 | 3.578 | 3.549 | 2.648 | 2.144 | 1.568 | 1.662 | 1.719 | 1.393 |
| 148 | | | | | | | | | | | | | | | | |
| 149 | Milton | 10080 | | Surprise Lake 12.5 kV | 7.818 | 10.400 | 12.114 | 11.278 | 10.260 | 9.178 | 7.907 | 6.504 | 6.349 | 7.042 | 7.261 | 6.577 |
| 150 | | | | | | | | | | | | | | | | |
| 151 | Minidoka | 10082 | | Minidoka 2.4 kV | 0.122 | 0.186 | 0.198 | 0.215 | 0.179 | 0.148 | 0.123 | 0.092 | 0.088 | 0.091 | 0.087 | 0.074 |
| 152 | | | | | | | | | | | | | | | | |
| 153 | Monmouth | 10083 | | Monmouth 12.5 kV - MONM | 5.608 | 6.585 | 6.932 | 7.296 | 7.154 | 6.103 | 5.409 | 4.329 | 4.388 | 5.231 | 5.260 | 4.796 |
| 154 | | | | | | | | | | | | | | | | |
| 155 | Nespelem | 10273 | | Lone Pine 11.95 kV | 1.052 | 1.437 | 1.733 | 1.912 | 1.536 | 1.276 | 1.092 | 0.807 | 0.714 | 0.910 | 0.888 | 0.583 |
| 156 | | | | | | | | | | | | | | | | |
| 157 | NETL | 10406 | | Albany 12.5 kV-DOE | 0.555 | 0.816 | 0.924 | 0.961 | 0.961 | 0.826 | 0.655 | 0.501 | 0.400 | 0.470 | 0.460 | 0.432 |
| 158 | | | | | | | | | | | | | | | | |
| 159 | Ohop | 10284 | | Lynch Creek 12.5-OHOP | 0.716 | 0.999 | 1.198 | 1.064 | 1.046 | 0.971 | 0.722 | 0.439 | 0.354 | 0.523 | 0.520 | 0.337 |
| 160 | | | | | | | | | | | | | | | | |
| 161 | PAC | 10300 | | Albany PAC NT DP | 6.357 | 6.227 | 8.886 | 6.609 | 6.755 | 6.292 | 5.874 | 4.971 | 5.498 | 6.741 | 7.775 | 6.680 |
| 162 | | | | Bandon PAC NT DP | 2.467 | 2.126 | 2.587 | 1.849 | 2.241 | 1.932 | 1.328 | 1.399 | 1.193 | 1.139 | 1.251 | 1.901 |
| 163 | | | | | | | | | | | | | | | | |
| 164 | PNGC | 10298 | Blachly-Lane | Alderwood 12.5 kV | 3.582 | 5.157 | 5.791 | 5.100 | 5.279 | 4.382 | 4.414 | 3.271 | 2.932 | 3.170 | 3.709 | 3.091 |
| 165 | | | | Walton 12.5 kV | 0.706 | 1.003 | 0.908 | 0.914 | 0.973 | 0.879 | 0.669 | 0.556 | 0.565 | 0.392 | 0.638 | 0.516 |
| 166 | | | | | | | | | | | | | | | | |
| 167 | | | Consumers | Burnt Woods 24.9 kV | 1.432 | 1.881 | 2.067 | 2.034 | 1.919 | 1.728 | 1.388 | 1.241 | 1.064 | 1.071 | 1.203 | 0.798 |
| 168 | | | | Harrisburg 12.5 kV | 2.741 | 3.147 | 3.745 | 3.896 | 3.573 | 3.211 | 3.626 | 2.033 | 1.646 | 3.174 | 4.306 | 3.284 |
| 169 | | | | Monmouth 12.5 kV - CP | 1.584 | 1.824 | 1.957 | 2.278 | 1.908 | 1.911 | 1.860 | 1.166 | 0.797 | 1.361 | 1.425 | 0.960 |
| 170 | | | | North Butte 12.5 kV | 1.039 | 1.391 | 1.613 | 1.519 | 1.503 | 1.347 | 1.157 | 0.871 | 0.959 | 0.654 | 0.992 | 1.150 |
| 171 | | | | Tumble Creek 24.9 kV | 1.094 | 1.472 | 1.913 | 1.688 | 1.501 | 1.339 | 1.171 | 0.932 | 0.846 | 1.179 | 1.091 | 0.865 |
| 172 | | | | | | | | | | | | | | | | |
| 173 | | | Coos-Curry | Bandon 12.5 kV - CCEC | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 174 | | | | Langlois 12.5 kV - CCEC | 1.742 | 1.827 | 1.729 | 1.704 | 1.637 | 1.823 | 1.358 | 1.165 | 1.230 | 1.230 | 0.809 | 1.136 |
| 175 | | | | Norway 12.5 kV | 3.058 | 3.556 | 3.766 | 3.298 | 3.470 | 2.868 | 2.813 | 1.574 | 1.124 | 1.449 | 1.899 | 1.680 |
| 176 | | | | Port Orford 12.5 kV | 3.217 | 4.255 | 4.418 | 4.389 | 4.093 | 3.641 | 3.445 | 2.613 | 2.456 | 2.566 | 3.640 | 3.509 |
| 177 | | | | | | | | | | | | | | | | |
| 178 | | | Douglas Elec | Drain 12.5-DEC | 2.026 | 2.271 | 2.587 | 2.990 | 2.699 | 2.746 | 2.600 | 1.855 | 1.749 | 2.301 | 2.409 | 1.948 |
| 179 | | | | Gardiner 13.8 kV-DEC | 0.435 | 0.482 | 0.601 | 0.540 | 0.545 | 0.543 | 0.470 | 0.443 | 0.325 | 0.321 | 0.318 | 0.344 |
| 180 | | | | Reedsport 12.5-DEC | 0.522 | 0.665 | 0.871 | 0.831 | 0.767 | 0.674 | 0.675 | 0.561 | 0.384 | 0.428 | 0.347 | 0.371 |
| 181 | | | | | | | | | | | | | | | | |
| 182 | | | Northern Lights | Bonners Ferry 13.8-NORT | 2.375 | 3.439 | 3.991 | 3.378 | 2.194 | 2.557 | 2.201 | 2.080 | 2.067 | 2.060 | 2.329 | 1.731 |
| 183 | | | | Laclede 13.8 kV | 6.248 | 5.932 | 7.379 | 4.048 | 5.732 | 6.148 | 5.378 | 5.525 | 4.800 | 5.158 | 4.023 | 5.163 |
| 184 | | | | North Bench 13.8-NORT | 2.837 | 4.059 | 4.517 | 4.273 | 2.763 | 3.470 | 2.496 | 2.279 | 0.937 | 2.222 | 2.496 | 2.261 |
| 185 | | | | Sandpoint 13.8 kV | 1.869 | 2.558 | 3.109 | 2.855 | 2.279 | 2.134 | 1.630 | 1.472 | 1.631 | 1.581 | 2.022 | 1.785 |
| 186 | | | | Selle 13.8 kV | 4.151 | 6.128 | 8.712 | 5.774 | 5.238 | 6.616 | 4.246 | 3.131 | 3.337 | 3.454 | 3.281 | 3.164 |
| 187 | | | | Yaak 12.5 kV | 0.882 | 1.189 | 1.284 | 1.120 | 0.990 | 0.936 | 0.803 | 0.662 | 0.696 | 0.759 | 0.748 | 0.720 |
| 188 | | | | | | | | | | | | | | | | |
| 189 | | | Okanogan Coop | Winthrop 12.47 kV | 6.969 | 10.809 | 12.754 | 13.253 | 10.662 | 8.163 | 6.528 | 5.529 | 5.481 | 6.214 | 6.238 | 5.158 |
| 190 | | | | | | | | | | | | | | | | |
| 191 | | | Raft River | Grouse Creek 138 kV | 0.294 | 0.365 | 0.452 | 0.480 | 0.415 | 0.368 | 0.358 | 0.777 | 0.848 | 0.816 | 0.845 | 0.604 |
| 192 | | | | | | | | | | | | | | | | |

**Table 15**
**Utility Delivery Forecast (Annual Average of Monthly Peak MegaWatts)**

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | **COMPANY** | **CUST ID** | | **DELIVERY POINT** | **OCT** | **NOV** | **DEC** | **JAN** | **FEB** | **MAR** | **APR** | **MAY** | **JUN** | **JUL** | **AUG** | **SEP** |
| 193 | | | West Oregon | Necanicum 12.5 kV | 0.418 | 0.491 | 0.481 | 0.506 | 0.515 | 0.512 | 0.444 | 0.257 | 0.199 | 0.198 | 0.191 | 0.201 |
| 194 | | | | | | | | | | | | | | | | |
| 195 | Steilacoom | 10379 | | Steilacoom 12.5 kV | 6.707 | 8.963 | 9.668 | 9.022 | 8.795 | 7.496 | 5.688 | 4.924 | 3.929 | 4.416 | 4.580 | 4.473 |
| 196 | | | | | | | | | | | | | | | | |
| 197 | Surprise Valley | 10369 | | Davis Creek 12.5 kV | 0.597 | 0.600 | 0.698 | 0.616 | 0.492 | 0.356 | 0.647 | 1.079 | 1.666 | 1.821 | 1.748 | 1.377 |
| 198 | | | | | | | | | | | | | | | | |
| 199 | Tacoma Power | 10370 | | Ketron Island | 0.064 | 0.076 | 0.084 | 0.094 | 0.077 | 0.074 | 0.070 | 0.035 | 0.021 | 0.027 | 0.024 | 0.023 |
| 200 | | | | | | | | | | | | | | | | |
| 201 | Troy | 10097 | | Troy 13.8-Troy | 2.157 | 2.826 | 3.428 | 3.100 | 3.344 | 2.824 | 2.349 | 1.770 | 1.447 | 1.679 | 1.690 | 1.445 |
| 202 | | | | | | | | | | | | | | | | |
| 203 | Unk | 0 | | UNKNOWN | 2.200 | 2.200 | 2.200 | 2.200 | 2.200 | 2.200 | 2.200 | 2.200 | 2.200 | 2.200 | 2.200 | 2.200 |
| 204 | | | | | | | | | | | | | | | | |
| 205 | **Utility Delivery Load** | | | | **149.085** | **181.357** | **215.408** | **198.297** | **187.753** | **171.352** | **153.613** | **136.073** | **143.035** | **161.847** | **163.466** | **142.641** |

**Table 16.1**
**Transmission Credit Projects, Credits, and Interest at Current Rates, FY 2017-FY2019**

| | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| # | Request | **Forecasted Transmission Credit** | | | **Forecasted Interest** | | |
| 1 | | **FY 2017** | **FY 2018** | **FY 2019** | **FY 2017** | **FY 2018** | **FY 2019** |
| 2 | GI Request 1 | $ 507 | $ - | $ - | $ 16 | $ - | $ - |
| 3 | GI Request 2 | $ 1,108 | $ 792 | $ - | $ 66 | $ 15 | $ - |
| 4 | GI Request 3 | $ 670 | $ 669 | $ 669 | $ 568 | $ 482 | $ 475 |
| 5 | GI Request 4 | $ 893 | $ 893 | $ 893 | $ 193 | $ 136 | $ 106 |
| 6 | GI Request 5 | $ - | $ - | $ - | $ - | $ - | $ - |
| 7 | GI Request 6 | $ 843 | $ - | $ - | $ 8 | $ - | $ - |
| 8 | GI Request 7 | $ 990 | $ 990 | $ 990 | $ 203 | $ 182 | $ 136 |
| 9 | GI Request 8 | $ 4,142 | $ 2,761 | $ 2,761 | $ 2,885 | $ 2,351 | $ 2,217 |
| 10 | GI Request 9 | $ 3,253 | $ 2,169 | $ 2,169 | $ 686 | $ 436 | $ 279 |
| 11 | GI Request 10 | $ 443 | $ 327 | $ - | $ 21 | $ - | $ - |
| 12 | GI Request 11 | $ 443 | $ 327 | $ - | $ 21 | $ - | $ - |
| 13 | GI Request 12 | $ 34 | $ 25 | $ - | $ 2 | $ - | $ - |
| 14 | GI Request 13 | $ 759 | $ 605 | $ - | $ 37 | $ - | $ - |
| 15 | GI Request 14 | $ - | $ 179 | $ 1,191 | $ 49 | $ 34 | $ 50 |
| 16 | GI Request 15 | $ - | $ - | $ - | $ 2 | $ 2 | $ 2 |
| 17 | GI Request 16 | $ - | $ - | $ 89 | $ 25 | $ 347 | $ 502 |
| 18 | GI Request 17 | $ - | $ - | $ - | $ 45 | $ 40 | $ 42 |
| 19 | GI Request 18 | $ 112 | $ 268 | $ 268 | $ 59 | $ 43 | $ 34 |
| 20 | GI Request 19 | $ - | $ - | $ - | $ 33 | $ 43 | $ 47 |
| 21 | GI Request 20 | $ - | $ - | $ - | $ 83 | $ 107 | $ 117 |
| 22 | GI Request 21 | $ - | $ - | $ - | $ 3 | $ 3 | $ 4 |
| 23 | GI Request 22 | $ - | $ - | $ - | $ 35 | $ 44 | $ 48 |
| 24 | COI Request 1 | $ 45 | $ 17 | $ - | $ 48 | $ - | $ - |
| 25 | COI Request 2 | $ 503 | $ 535 | $ - | $ 48 | $ - | $ - |
| 26 | COI Request 3 | $ 503 | $ 535 | $ - | $ 26 | $ 1 | $ - |
| 27 | COI Request 4 | $ 151 | $ 161 | $ - | $ 67 | $ 4 | $ - |
| 28 | COI Request 5 | $ 121 | $ 128 | $ - | $ 50 | $ 3 | $ - |
| 29 | COI Request 6 | $ 576 | $ 221 | $ - | $ 2 | $ - | $ - |
| 30 | COI Request 7 | $ 1,006 | $ 1,050 | $ - | $ 34 | $ 2 | $ - |
| 31 | COI Request 8 | $ 745 | $ 777 | $ - | $ 34 | $ 2 | $ - |
| 32 | COI Request 9 | $ 1,006 | $ 667 | $ - | $ 10 | $ 1 | $ - |
| 33 | COI Request 10 | $ 1,006 | $ 667 | $ - | $ 8 | $ - | $ - |
| 34 | **Total Network** | **$ 14,197** | **$ 10,005** | **$ 9,031** | **$ 5,040** | **$ 4,265** | **$ 4,059** |
| 35 | **Total COI** | **$ 5,662** | **$ 4,758** | **$ -** | **$ 327** | **$ 13** | **$ -** |
| 36 | **Total** | **$ 19,859** | **$ 14,763** | **$ 9,031** | **$ 5,367** | **$ 4,278** | **$ 4,059** |

**Table 16.2**
**Transmission Credit Projects, Credits, and Interest at Proposed Final Rates, FY 2017-FY2019**

| | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| # | Request | Forecasted Transmission Credit | | | Forecasted Interest | | |
| 1 | | FY 2017 | FY 2018 | FY 2019 | FY 2017 | FY 2018 | FY 2019 |
| 2 | GI Request 1 | $ 507 | $ - | $ - | $ 16 | $ - | $ - |
| 3 | GI Request 2 | $ 1,108 | $ 792 | $ - | $ 66 | $ 15 | $ - |
| 4 | GI Request 3 | $ 670 | $ 661 | $ 661 | $ 568 | $ 482 | $ 476 |
| 5 | GI Request 4 | $ 893 | $ 883 | $ 883 | $ 193 | $ 136 | $ 107 |
| 6 | GI Request 5 | $ - | $ - | $ - | $ - | $ - | $ - |
| 7 | GI Request 6 | $ 843 | $ - | $ - | $ 8 | $ - | $ - |
| 8 | GI Request 7 | $ 990 | $ 978 | $ 978 | $ 203 | $ 182 | $ 137 |
| 9 | GI Request 8 | $ 4,142 | $ 2,728 | $ 2,728 | $ 2,885 | $ 2,353 | $ 2,221 |
| 10 | GI Request 9 | $ 3,253 | $ 2,142 | $ 2,142 | $ 686 | $ 437 | $ 283 |
| 11 | GI Request 10 | $ 443 | $ 327 | $ - | $ 21 | $ - | $ - |
| 12 | GI Request 11 | $ 443 | $ 327 | $ - | $ 21 | $ - | $ - |
| 13 | GI Request 12 | $ 34 | $ 25 | $ - | $ 2 | $ - | $ - |
| 14 | GI Request 13 | $ 759 | $ 605 | $ - | $ 37 | $ - | $ - |
| 15 | GI Request 14 | $ - | $ 177 | $ 1,177 | $ 49 | $ 134 | $ 153 |
| 16 | GI Request 15 | $ - | $ - | $ - | $ 2 | $ 2 | $ 2 |
| 17 | GI Request 16 | $ - | $ - | $ 88 | $ 25 | $ 347 | $ 502 |
| 18 | GI Request 17 | $ - | $ - | $ - | $ 45 | $ 40 | $ 42 |
| 19 | GI Request 18 | $ 112 | $ 265 | $ 265 | $ 59 | $ 43 | $ 35 |
| 20 | GI Request 19 | $ - | $ - | $ - | $ 33 | $ 43 | $ 47 |
| 21 | GI Request 20 | $ - | $ - | $ - | $ 83 | $ 107 | $ 117 |
| 22 | GI Request 21 | $ - | $ - | $ - | $ 3 | $ 3 | $ 4 |
| 23 | GI Request 22 | $ - | $ - | $ - | $ 35 | $ 44 | $ 48 |
| 24 | COI Request 1 | $ 45 | $ 17 | $ - | $ 55 | $ - | $ - |
| 25 | COI Request 2 | $ 503 | $ 540 | $ - | $ 55 | $ - | $ - |
| 26 | COI Request 3 | $ 503 | $ 540 | $ - | $ 26 | $ 2 | $ - |
| 27 | COI Request 4 | $ 151 | $ 162 | $ - | $ 74 | $ 20 | $ - |
| 28 | COI Request 5 | $ 121 | $ 130 | $ - | $ 55 | $ 15 | $ - |
| 29 | COI Request 6 | $ 576 | $ 221 | $ - | $ 2 | $ - | $ - |
| 30 | COI Request 7 | $ 1,006 | $ 1,060 | $ - | $ 38 | $ 10 | $ - |
| 31 | COI Request 8 | $ 745 | $ 784 | $ - | $ 38 | $ 10 | $ - |
| 32 | COI Request 9 | $ 1,006 | $ 667 | $ - | $ 11 | $ 3 | $ - |
| 33 | COI Request 10 | $ 1,006 | $ 667 | $ - | $ 9 | $ 3 | $ - |
| 34 | **Total Network** | **$ 14,197** | **$ 9,910** | **$ 8,922** | **$ 5,040** | **$ 4,368** | **$ 4,174** |
| 35 | **Total COI** | **$ 5,662** | **$ 4,788** | **$ -** | **$ 363** | **$ 63** | **$ -** |
| 36 | **Total** | **$ 19,859** | **$ 14,698** | **$ 8,922** | **$ 5,403** | **$ 4,431** | **$ 4,174** |

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