

EIM-S Informational Meeting

12.15.2022



Agenda

GRID Modernization 

- Opening Remarks
- EIM-S schedule
- May RECALC
- Charge Code 30
- Closing remarks

Opening Remarks

EIM-S schedule

EIM-S Schedule

GRID Modernization 

- Additional time was needed between invoices to receive PCI software upgrades and test new processes
- Targeting early January for EIM Detailed Data Files (DDFs) and EIM Services Bills for October 2022
- Targeting late January for EIM Detailed Data Files (DDFs) and Re-Calculated EIM Services Bills for May 2022
- More schedule information planned for next customer informational meeting

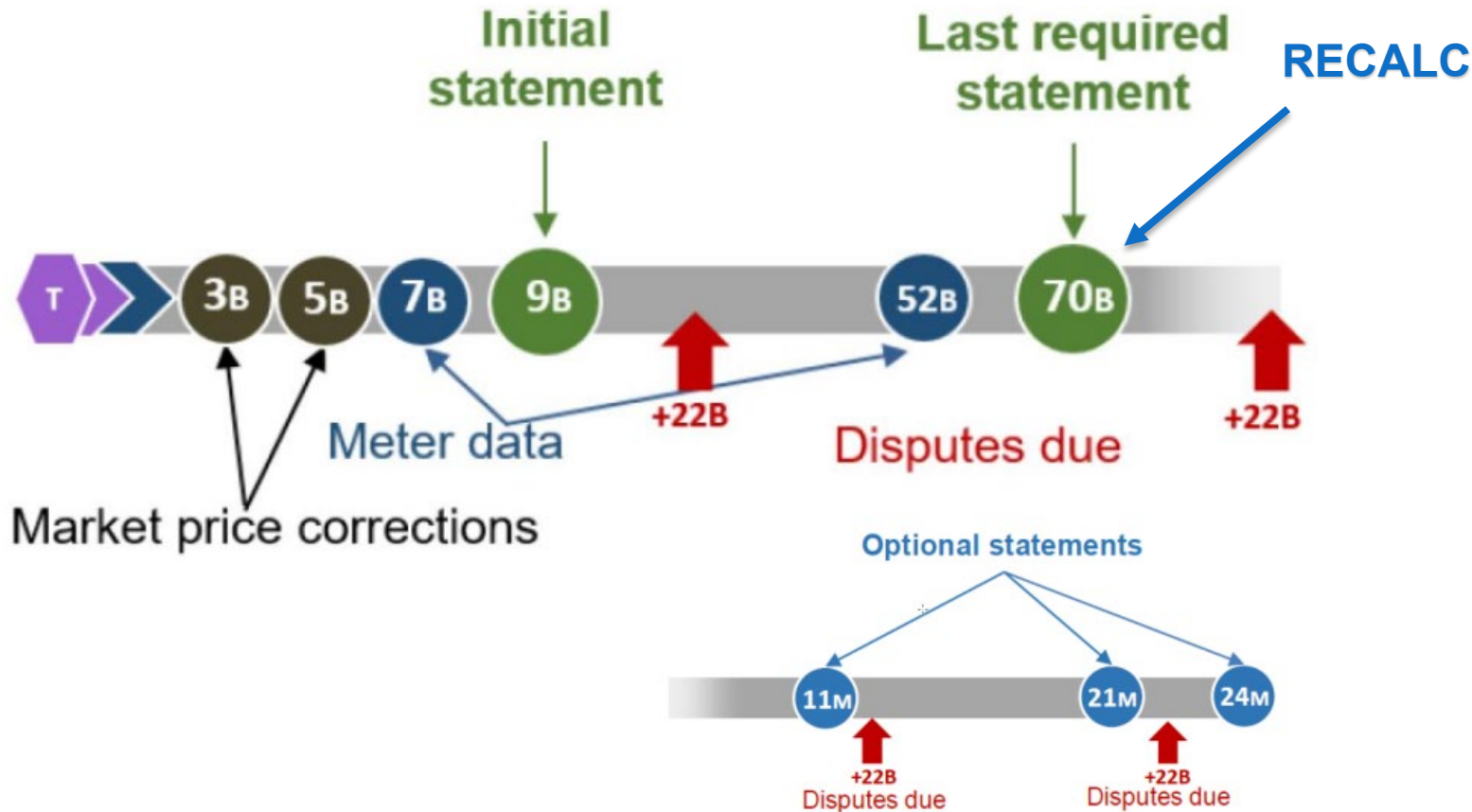
EIM Services Bills and DDFs		
Bill Month	Publish Week	Weeks Behind
May	21-Jul	4 weeks
Jun	7-Sep	6 weeks
Jul	28-Sep	5 weeks
Aug	24-Oct	4 weeks
Sep	14-Nov	3 weeks

May RECALC

- What is the May RECALC?
 - What will the May RECALC look like?
 - Why is May RECALC taking so long?
- Challenges predicting timing of May RECALC

What is the May RECALC?

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- The last regular settlement statement BPA receives from CAISO is at T+70B (Trade date + 70 Business Days).
- BPA aiming to have May RECALC be the “final” bill for May data.

What will the May RECALC look like?

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EIM SERVICES BILL

Customer Name: _____ Bill Period: _____
 Bill ID: _____ Period Ending: _____
 Issue Date: _____

RECALC: 2022-05

Charge Code	Description	Current Amount	Previous Amount	Net Amount
15	Prior 2205 Intentional Dev Pntly	\$0.00	\$0.00	\$0.00
25	Prior 2205 Imbalance Reassignment	(\$22,172.16)	(\$22,172.16)	\$0.00
6045	Prior 2205 Over/Under Sched Settle	\$0.00	\$0.00	\$0.00
6046	Prior 2205 Over/Under Sched Alloc	(\$2,734.30)	(\$2,727.53)	(\$6.77)
64600	Prior 2205 FMM IIE EIM Settlement	\$12,247.93	\$12,247.93	\$0.00
64700	Prior 2205 RT IIE EIM Settlement	\$55,636.74	\$55,636.74	\$0.00
64750	Prior 2205 RT UIE EIM Settlement	\$157,780.16	\$172,842.61	(\$15,062.45)
64770	Prior 2205 RT Imb Energy Offset EIM	\$10,260.25	\$17,845.34	(\$7,585.08)
6478	Prior 2205 RT Sys Imb Energy Offset	\$548.19	\$634.17	(\$86.00)
67740	Prior 2205 RT Congestion Offset	(\$51,599.73)	(\$56,099.70)	\$4,499.96
69850	Prior 2205 RT Marg Losses Offset	\$5,060.49	\$5,091.45	(\$30.96)
Net Amount:				(\$18,271.30)

- Will say RECALC: 2022-05 instead of INITIAL: 2022-05.
- Identifies
 - Current (T+70B – RECALC)
 - Previous (T+9B - Initial)
 - Net (difference between T+70B and T+9B) – Current minus Previous
- Will receive Detailed Data Files (DDFs) for May RECALC.
- Verifying the Net Amount value will require taking the difference between values in the Initial May DDFs and May RECALC DDFs.
- May RECALC total could be a net charge or a net credit.

Why is May RECALC taking so long?

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- BPA EIM Settlements software went live with known defects and unknown issues
 - Configuration errors
 - Defects and interface issues related to tags
 - No data
 - Missing data
 - Incorrect data
 - Detailed Data File errors
 - Some Persistent Deviation was not identified/billed
- Tag validation tools were extremely limited and manual
 - This will require extra time spent validating and correcting tags
- Unforeseen circumstances impacting Settlements
 - May 8th – certificate expired, BPA exited market, required tag reloads
 - May 18th – Plane crash into Transmission line

Challenges predicting timing of May RECALC



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- Tag validation
 - BPA Process
 - Use tools to review tag data (compare EIM Settlements against other tag software)
 - Identify discrepancies, including if tag reload needed
 - Reload tags
 - Use tools to review tag data again
 - Unknown number of iterations – cannot predict ahead of time
 - September initial bills had 4 rounds of tag validation
- Need to ensure all waivers/exemptions/configurations are implemented – quality control
- Need to manually adjust detailed data files for electrically disconnected events
- Need to create applicable Charge Code 30 (manual adjustment) entries

Charge Code 30

Charge Code 30



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- What is Charge Code 30?
 - Manual adjustment to EIM Services Bills
- Why is it needed?
 - Currently, EIM Settlements software does not allow for saving edits of certain inputs that feed calculations
 - Workaround is to create a manual adjustment until long term solution is implemented in the software
- How does Charge Code 30 work?
 - Applies to all EIM Charge Codes
 - In May RECALC primarily being used for electrically disconnected events
 - Will not have an associated detailed data file

Questions?

BPA Contacts for EIM



Topic / Question Area	Email and Phone	Email (cc)
EIM Services Bill (EESC)	EESCSettlements@bpa.gov or 503-230-EIM1	gridmod@bpa.gov and Power or Transmission Account Executive
Customer Billing		
Metering	mdm@bpa.gov	
Customer Portal	customerportal@bpa.gov	
BPA Outage Office	Planned outages: bpaoutage@bpa.gov Unplanned: Contact BPA's Generation Dispatcher	
After-hours Outage	Contact BPA's Generation Dispatcher	

Closing Remarks