

## Evolving Grid Project Summaries

### **Rock Creek-John Day Upgrade**

This project is an upgrade of the existing Rock Creek – John Day #1 500-kV line. BPA would reductor 14 miles of line between the Rock Creek Substation (Goldendale, WA) and John Day Substation (Rufus, OR), including a Columbia River crossing.

Estimated completion: Early 2029

### **Big Eddy-Chemawa Rebuild**

This project is a rebuild of portions of the existing Big Eddy-Chemawa #1 230-kV line to 500 kV. BPA proposes to rebuild and reterminate 91 miles of line between BPA's Big Eddy Substation (The Dalles, OR), Ostrander Substation (Oregon City, OR) and Pearl Substation (Wilsonville, OR).

Estimated completion: Late 2031/Early 2032

### **Schultz-Raver Reconductor**

This project is a proposed upgrade to the existing Schultz-Raver #3 and Schultz-Raver #4 500-kV lines to a higher rated capacity. BPA would reductor the 77-mile lines between BPA's Schultz Substation (Ellensburg, WA) and Raver Substation (Ravensdale, WA). BPA has also proposed adding a new capacitor at Paul Substation (Centralia, WA), and a new Static VAR Compensator at Olympia Substation (Olympia, WA).

Estimated completion: Late 2029/Early 2030

### **Ross-Rivergate Rebuild**

This project is a proposed upgrade of the existing Ross-Rivergate #1 230-kV line. The work would consist of replacing conductor on 7.5 miles of line between BPA's Ross Substation (Vancouver, WA) and PGE's Rivergate Substation (Portland, OR), including a Columbia River crossing.

Estimated completion: Late 2027/Early 2028

### **Chehalis-Cowlitz Tap Rebuild**

This project is a proposed upgrade of a portion of the existing Chehalis-Covington #1 230-kV line. The work would consist of replacing conductor on 35 miles of line between BPA's Chehalis Substation (Chehalis, WA) and Cowlitz Tap (Frederickson, WA).

Estimated completion: Late 2027/Early 2028

### **Portland Area Upgrades**

These projects would reinforce BPA's grid in the Portland area. The proposal includes reconfiguring and reterminating the Pearl-Sherwood-McLoughlin line at BPA's Pearl Substation (Wilsonville, OR). PGE's new Keeler-Horizon #2 line would be terminated at BPA's Keeler Substation (Hillsboro, OR), and a new 500/230-kV transformer would also be added at Keeler Substation.

Estimated completion: Late 2024/Early 2025 (Keeler-Horizon#2), Summer 2025 (Pearl-Sherwood-McLoughlin), Winter/Spring 2029 (Keeler Transformer)

### **Bonanza Substation**

This would be a new hub substation in Central Oregon near Prineville, OR. The new 115/230/500-kV Bonanza Substation would be built near BPA's Ponderosa Substation.

Estimated completion: Late 2027

### **La Pine-Bonanza Line**

This project is a proposed new 53-mile 230-kV transmission line in Central Oregon between BPA's La Pine Substation (La Pine, OR) and proposed Bonanza Substation (Prineville, OR).

Estimated completion: Late 2029

### **West of Boardman**

This is a proposed new 230/500-kV hub substation called Six Mile Canyon near Boardman, OR.

Estimated completion: Late 2026/Early 2027

### **Buckley Rebuild**

This project is a proposed rebuild of BPA's Buckley Substation in Sherman County, OR. It would be a new air-insulated 500-kV substation built near the existing gas-insulated substation, which will be retired.

Estimated completion: Late 2027