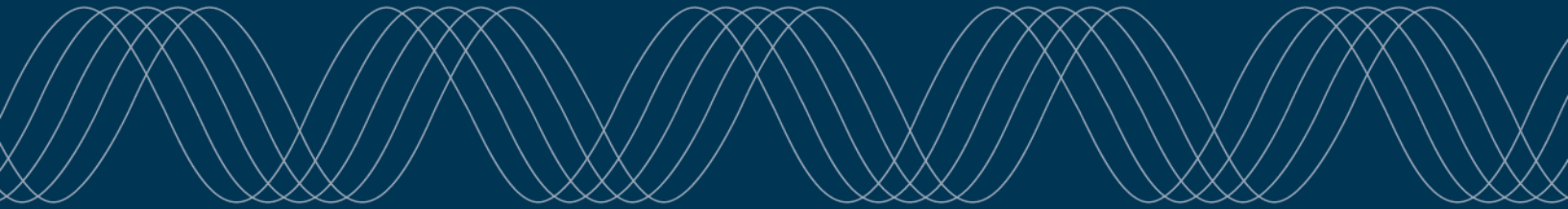


Appendix P

Benchmark Submission



2023 All-Source RFP



Portland General Electric's Benchmark Submission

Bid Descriptions

PGE currently intends to submit benchmark resources into the 2023 RFP to meet both PGE's renewable needs and non-emitting capacity needs. Benchmark bids currently under evaluation include wind, solar, hybrid and stand-alone energy storage resources. PGE's benchmark submission decisions will be finalized following OPUC approval of the 2023 RFP.

Utility Controlled Bid Elements

Certain assets controlled by the utility are under consideration for use in support of Benchmark Resources or an Affiliate bid. Utility assets presently evaluated include:

- Subject to Commission Approval of UP 419, land in Northeast Oregon owned by the utility in support of a solar resource.
 - Approximately 300-600 acres located at the following coordinates: 45.696, -119.797
 - This property is contiguous with current PGE operations. Due to security risks associated with co-location, PGE will only be making this property available to third-party developers under a utility owned commercial structure as to avoid unacceptable risks associated with multiple entity operation within the site perimeter.
 - In connection with utility owned commercial structures proposed on this property, the utility assets will also include generation capacity on the generation-lead line from the Grasslands substation to BPA's Slatt substation (but does not include any transmission from the BPA Slatt substation to PGE Load).
- Biglow Canyon Wind Farm's Large-Generator Interconnection Agreement and transmission rights with Point of Receipt at BIGLOW and Point of Delivery at BPAT. PGE available when Biglow Canyon Wind Farm generates below nameplate capacity.
 - The transmission rights associated with a Point of Receipt at BIGLOW and Point of Delivery at BPAT. PGE will also only be made available to utility-owned bids and on the condition that the rights cannot be redirected away from the specified Point of Receipt on a long-term basis.
- Wheatridge Wind Farm's Large-Generator Interconnection Agreement and transmission rights with Point of Receipt at UMATILLA and Point of Delivery at BPAT. PGE available when Wheatridge Wind Farm generates below nameplate capacity.