

2021 ALL-SOURCE RFP: PROPOSAL SUMMARY

*Prepared pursuant to WAC 480-107-
035(5)*

October 1, 2021

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SECTION 1. BACKGROUND AND PUBLIC DISCLOSURE REQUIREMENT

Puget Sound Energy (“PSE”) issued an All-Source RFP (the “2021 RFP”) on June 30, 2021. Consistent with the requirements of Washington Administrative Code (“WAC”) 480-107-035(5), PSE is posting to its public RFP web site (www.pse.com/rfp) the following proposal summary report. Additional information about the 2021 All-Source RFP can be found on PSE’s RFP web site.

1. Background and public disclosure requirement

PSE issued an All-Source RFP to bidders on June 30, 2021 to meet capacity and clean energy resource needs established in the 2021 Integrated Resource Plan (“IRP”). Bids were due on September 1, 2021.

On December 28, 2020, the Commission issued General Order R-602 in Docket UE-190837, which amended WAC Chapter 480-107. The Commission referred to the amended rules as the “Purchases of Resources” rules, which took effect on December 28, 2020. The new Purchases of Resources rules require an electrical company to post a summary of the proposals received in a RFP within 30 days after the close of the bidding period, as specified below:

Within thirty days after the close of the bidding period, the utility must post on its public website a summary of each bid the utility has received. Where use of confidential data prohibits the utility from identifying specifics of a bid, a generic but complete description is sufficient.¹

The tables in Section 2 of this report provide a general summary of the proposals received by resource type. Section 3 introduces and provides context for the proposal summary provided in Appendix A of this report. Appendix A provides a summary of each individual proposal and each offer received in response to the 2021 RFP.²

¹ See WAC 480-107-035(5).

² The 2021 RFP allowed bidders to submit up to three offer options per proposal.

SECTION 2. PROPOSALS RECEIVED IN RESPONSE TO THE 2021 RFP

2. Proposals received in response to the 2021 RFP

PSE received a total of 95 proposals for 21 GW of new resources in response to the 2021 RFP. This is comparable to the 97 proposals received in response to the 2018 RFP. Table 1 summarizes the overall resource mix and total offered capacity of the proposed resources by resource type.

Table 1. 2021 RFP proposals compared to 2018 RFP proposals³

As of 9/1/21

Resource	Type	2021 All Source RFP		2018 All Resource and DR RFPs	
		# of Proposals	Total Capacity ¹ (MW)	# of Proposals	Total Capacity (MW)
Solar	Solar Only	20	4094	16	2240
	Hybrid: Solar + Capacity/Storage	10	1381	20	2848
Wind	Wind Only	20	6986	16	3303
	Hybrid: Wind + Capacity/Storage	2	800	1	371
	Hybrid: Wind + Solar + Capacity/Storage	2	451	2	464
Storage	Storage: Battery	29	4360	17	1265
	Storage: Pumped Hydro	3	800	2	900
Flexible Capacity	Natural Gas - fired Generation ²	3	1247	4	1377
	Biofuel - fired Generation ²	4	857		
Other Resources	Run of River Hydro	1	20	1	38
	Hydrogen Fuel Cell	1	10		
	System PPA / Call Option			1	100
	Unbundled RECs			5	
	Demand Response			6	154
	Wind (off shore)			1	400
	Biomass			2	72
	Hybrid: Biomass + Storage			1	15
Geothermal			2	43	
Total		95	21,006	97	13,590

[1] Bidders allowed to submit up to three (3) offers per proposal. Total nameplate capacity shown in table is based on first offer. Offer count may include CCCTs, SCCTs, and reciprocating engines.
 [2] Generation may include CCCTs, SCCTs, and reciprocating engines.

As shown in Table 1, while the proposal count is slightly lower for the 2021 RFP, the overall total capacity offered is higher. Bidders offered a total of 21 GW in the 2021 RFP versus 13.6 GW in the 2018 RFP.⁴

In the current RFP, proposals for standalone battery storage, wind and solar resources make up about 73 percent of the total number of proposals received. Additionally, some proposals contained hybrid offers for one or more renewable generation resources paired with storage.

³ See Section 4 (Glossary) for a list of abbreviations and acronyms used in this table and throughout this report.

⁴ The total capacity described here and shown in Table 1 represents the aggregate total offered capacity by resource type, based on Offer 1 of each proposal. For a more granular view of the capacity options offered, see Appendix A, which includes the offer capacity associated with each offer option.

SECTION 2. PROPOSALS RECEIVED IN RESPONSE TO THE 2021 RFP

PSE did not receive any demand response or distributed energy resource (“DER”) proposals in response to the 2021 RFP.

As shown in the comparison table (in grey above), PSE issued its 2018 All Resources and Demand Response RFPs at the same time and received six demand response proposals. While demand response and DER resources were welcome to participate in the 2021 All-Source RFP, this was not the only opportunity for DR and DER resources to participate in PSE’s current resource acquisition cycle. PSE will also file a draft targeted RFP for demand response and distributed energy resources (“DER RFP”) in November 2021 and plans to issue the final DER RFP in early 2022.⁵ Both the All-Source RFP and the forthcoming targeted DER RFP evaluations are expected to conclude in mid-2022, and will include comparative analysis of the resulting short lists.

Most of the 2021 RFP proposals included multiple offer options, in which one or more of the terms or features varied. Each proposal could contain up to three offers. For the purposes of the 2021 RFP, a proposal is defined as a bid for the same resource containing up to three (3) total offer options. Bidders were allowed to submit more than one proposal, but were advised that proposals may not be mutually exclusive. An offer is defined as an option within a single proposal for the same resource, or co-located resources. Offers may vary options such as capacity (MW), term, start or end dates, pricing structure, transmission delivery point, some combination of co-located resources, or other proposal elements.

As shown in Table 2, nearly all proposals offered at least one offtake agreement, while only about 16 percent offered at least one ownership option. Roughly six (6) percent of proposals offered operating resources, while the remaining 94 percent represented pre-construction resources at some stage of development.

⁵ Timing of issuance of the DER RFP is contingent on Commission approval.

SECTION 2. PROPOSALS RECEIVED IN RESPONSE TO THE 2021 RFP

Table 2. Offer structure and operating status by resource type

As of 9/1/21

Resource	Type	# of Proposals	Total Capacity ¹ (MW)	Offer Structure(s)			Status	
				Ownership	PPA ²	Both	Development	Operating
Solar	Solar Only	20	4,094	14	6	20		
	Hybrid: Solar + Capacity/Storage	10	1,381	9	1	10		
Wind	Wind Only	20	6,986	17	3	18	2	
	Hybrid: Wind + Capacity/Storage	2	800	2		2		
	Hybrid: Wind + Solar + Capacity/Storage	2	451	2		2		
Storage	Storage: Battery	29	4,360		28	1	29	
	Storage: Pumped Hydro	3	800		2	1	3	
Flexible Capacity	Natural Gas- fired Generation ³	3	1,247	1	1	1	3	
	Biofuel - fired Generation ³	4	857		3	1	4	
Other Resources	Hydro - Run of River	1	20		1		1	
	Hydrogen Fuel Cell	1	10		1		1	
Total		95	21,008	1	80	14	89	6

[1] Generation may include CCTs, SCCTs, and reciprocating engines.

[2] Includes power purchase agreements, tolling agreements and capacity agreements

[3] Bidders allowed to submit up to three (3) offers per proposal. Total nameplate capacity shown in table is based on first offer. Offer count = 221.

Table 3 summarizes the size range of proposed resources by resource type.

Table 3. Size ranges by resource type

As of 9/1/21

Resource	Type	# of Proposals	Size Range (MW / MWh) ¹
Solar	Solar Only	20	66 - 400 MW
	Hybrid: Solar + Capacity/Storage	10	41 - 200 MW / 80 - 800 MWh
Wind	Wind Only	20	72 - 1000 MW
	Hybrid: Wind + Capacity/Storage	2	400 - 400 MW / 850 - 850 MWh
	Hybrid: Wind + Solar + Capacity/Storage	2	201 - 250 MW / 190 - 2000 MWh
Storage	Storage: Battery	29	15 - 200 MW / 30 - 400 MWh
	Storage: Pumped Hydro	3	200 - 400 MW / 3400 - 3556 MWh
Flexible Capacity	Natural Gas- fired Generation ²	3	280 - 650 MW
	Biofuel - fired Generation ²	4	214 - 215 MW
Other Resources	Hydro - Run of River	1	20 - 20 MW
	Hydrogen Fuel Cell	1	10 - 10 MW
Total		95	

[1] Bidders allowed to submit up to three (3) offers per proposal. Total nameplate capacity shown in table is based on first offer. Offer count = 221.

[2] Generation may include CCTs, SCCTs, and reciprocating engines.

SECTION 3. INTRODUCTION TO THE RFP PROPOSAL SUMMARY (APPENDIX A)**3. Introduction to the RFP Proposal Summary (Appendix A)**

As described in Section 2, each RFP proposal could include between one and three offer options. The information in Appendix A provides a summary of each offer associated with the proposals received. If a second or third offer is not listed in Appendix A, then the proposal did not include a second or third offer. Each offer associated with a proposal shares a common identifying number in the proposal ID column, but has a distinguishing offer suffix in the offer column.

Please note that the data provided in Appendix A (and in the tables presented in Section 2 above) are based on the original proposal information as provided to PSE at the close of the bidding period. Where information was missing, the field has been left blank in Appendix A. PSE will work to address these issues and reconcile other known inconsistencies in the proposal forms with bidders through our data request process. As we perform our Phase 1 analysis and learn more through data request responses, it is possible that certain information, such as resource types, may be updated. Any updates to this report will be posted on the All-Source RFP web site (www.pse.com/rfp).

SECTION 4. GLOSSARY

4. Glossary

BESS	Battery energy storage system
CCCT	Combined cycle combustion turbine
Commission	Washington Utilities and Transportation Commission (see also “WUTC”)
DER	Distributed energy resources
DR	Demand response
IRP	Integrated Resource Plan
MW	Megawatts
PSE	Puget Sound Energy
PV	Photovoltaic
RECs	Renewable energy credits
RFP	Request for proposals
SCCT	Simple cycle combustion turbine
Sys PPA	System PPA
WAC	Washington Administrative Code
WUTC	Washington Utilities and Transportation Commission (see also the “Commission”)

Appendix A. WAC 480-107-035(5) - 2021 All-Source RFP proposal summary

The data provided in this appendix are based on the original proposal information as provided to PSE at the close of the bidding period. Where information was missing, the field has been left blank. PSE will work to address these issues and reconcile other known inconsistencies in the proposal forms with bidders through our data request process. As we perform our Phase 1 analysis and learn more through data request responses, it is possible that certain information, such as resource types, may be updated.

Project ID	Offer	Resource type	State / Province	Resource status	COD	Term start	Term end	Commercial Structure	Ownership Option	Capacity (MW)
1054	1	STORAGE: BATTERY LI-ION 2HR	WA	Development	12/31/2024	12/31/2024	12/31/2044	CAPACITY AGREEMENT	-	200
1054	2	STORAGE: BATTERY LI-ION 2HR	WA	Development	12/31/2025	12/31/2025	12/31/2045	CAPACITY AGREEMENT	-	200
1054	3	STORAGE: BATTERY LI-ION 2HR	WA	Development	12/31/2026	12/31/2026	12/31/2046	CAPACITY AGREEMENT	-	200
1058	1	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2024	12/31/2024	12/31/2044	CAPACITY AGREEMENT	-	200
1058	2	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2025	12/31/2025	12/31/2045	CAPACITY AGREEMENT	-	200
1058	3	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2026	12/31/2026	12/31/2046	CAPACITY AGREEMENT	-	200
1261	1	SOLAR: PV	WA	Development	12/31/2025	12/31/2025	12/30/2045	PROJECT PPA	-	268
1261	2	HYBRID: SOLAR + CAPACITY/STORAGE	WA	Development	12/31/2025	12/31/2025	12/30/2045	PROJECT PPA	-	268
1264	1	WIND	MT	Development	12/31/2025	12/31/2025	12/31/2050	PROJECT PPA	-	901
1412	1	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/01/2024	12/01/2024	11/30/2044	CAPACITY AGREEMENT	-	100
1412	2	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/01/2024	12/01/2024	11/30/2044	CAPACITY AGREEMENT	-	50
1413	1	WIND	MT	Development	12/31/2025	12/31/2025	12/31/2050	PROJECT PPA	-	220
1413	2	WIND	MT	Development	12/31/2025	12/31/2025	12/31/2050	PROJECT PPA	-	220
1413	3	HYBRID: WIND + CAPACITY/STORAGE	MT	Development	12/31/2025	12/31/2025	12/31/2045	PROJECT PPA	-	220
1524	1	WIND	WA	Development	12/01/2023	12/01/2023	11/30/2043	PROJECT PPA	-	350
1524	2	WIND	WA	Development	12/01/2024	12/01/2024	11/30/2044	PROJECT PPA	-	340
1524	3	HYBRID: SOLAR + CAPACITY/STORAGE	WA	Development	12/01/2024	12/01/2024	11/30/2044	PROJECT PPA	-	160
1573	1	WIND	WA	Operational	10/04/2010	10/05/2025	10/31/2035	PROJECT PPA	-	90
1573	2	WIND	WA	Operational	10/04/2010	10/05/2025	10/31/2040	PROJECT PPA	-	90
1627	1	HYBRID: SOLAR + CAPACITY/STORAGE	OR	Development	12/01/2025	12/01/2025	12/01/2045	PROJECT PPA	-	200
1627	2	HYBRID: SOLAR + CAPACITY/STORAGE	OR	Development	12/01/2025	12/01/2025	12/01/2045	PROJECT PPA	-	300
1627	3	HYBRID: SOLAR + CAPACITY/STORAGE	OR	Development	12/01/2025	12/01/2025	12/01/2045	PROJECT PPA	-	500
1698	1	HYBRID: WIND + CAPACITY/STORAGE	MT	Development	12/31/2025	12/31/2025	12/31/2050	PROJECT PPA	-	400
1698	2	HYBRID: WIND + CAPACITY/STORAGE	MT	Development	12/31/2025	12/31/2025	12/31/2050	PROJECT PPA	-	400
1698	3	HYBRID: WIND + CAPACITY/STORAGE	MT	Development	12/31/2025	12/31/2025	12/31/2050	PROJECT PPA	-	400
1796	1	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2025	01/01/2026	12/31/2045	PROJECT PPA	-	260
1796	2	STORAGE: BATTERY LI-ION 6+HR	WA	Development	12/31/2025	01/01/2026	12/31/2045	PROJECT PPA	-	260
1796	3	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2025	01/01/2026	12/31/2045	PROJECT PPA	-	260
1810	1	STORAGE: PUMPED HYDRO	MT	Development	12/15/2026	12/15/2026	12/15/2056	CAPACITY AGREEMENT	YES	400
1810	2	STORAGE: PUMPED HYDRO	MT	Development	12/15/2026	12/15/2026	12/15/2056	CAPACITY AGREEMENT	YES	200
1810	3	STORAGE: PUMPED HYDRO	MT	Development	12/15/2026	12/15/2026	12/15/2056	CAPACITY AGREEMENT	YES	100
2141	1	WIND	WA	Development	05/12/2025	05/12/2025	05/12/2045	PROJECT PPA	YES	141
2141	2	WIND	WA	Development	05/12/2025	05/12/2025	05/12/2045	PROJECT PPA	YES	142
2141	3	WIND	WA	Development	05/12/2025	05/12/2025	05/12/2055	PROJECT PPA	YES	141
2180	1	HYBRID: SOLAR + WIND + CAPACITY/STORAGE	MT	Development	10/31/2024	11/01/2024	10/31/2044	PROJECT PPA	-	250
2180	2	HYBRID: SOLAR + WIND + CAPACITY/STORAGE	MT	Development	10/31/2024	11/01/2024	10/31/2039	PROJECT PPA	-	250
2180	3	HYBRID: SOLAR + WIND + CAPACITY/STORAGE	MT	Development	10/31/2024	11/01/2024	10/31/2036	PROJECT PPA	-	250
2343	1	FLEX CAPACITY: BIOFUEL	WA	Development	12/31/2026	12/31/2026	12/31/2066	CAPACITY AGREEMENT	YES	214
2343	2	FLEX CAPACITY: BIOFUEL	WA	Development	12/31/2026	12/31/2026	12/31/2066	CAPACITY AGREEMENT	YES	214
2343	3	FLEX CAPACITY: BIOFUEL	WA	Development	12/31/2026	12/31/2026	12/31/2066	CAPACITY AGREEMENT	YES	214
2351	1	SOLAR: PV	WA	Development	12/31/2024	12/31/2024	12/31/2053	PROJECT PPA	-	130
2587	1	SOLAR: PV	WA	Development	12/01/2024	12/01/2024	12/01/2044	PROJECT PPA	YES	250
2587	2	SOLAR: PV	WA	Development	12/01/2024	12/01/2024	12/01/2044	PROJECT PPA	YES	300
2608	1	STORAGE: BATTERY LI-ION 2HR	WA	Development	07/01/2024	07/01/2024	06/30/2024*	CAPACITY AGREEMENT	-	125
2659	1	WIND	WA	Development	12/31/2024	12/31/2024	12/31/2049	PROJECT PPA	-	139
2659	2	WIND	WA	Development	12/31/2025	12/31/2025	12/31/2050	PROJECT PPA	-	142
2659	3	WIND	WA	Development	12/31/2025	12/31/2025	12/31/2050	PROJECT PPA	-	140
2725	1	SOLAR: PV	WA	Development	10/01/2025	10/01/2025	10/01/2045	PROJECT PPA	-	200
2725	2	HYBRID: SOLAR + CAPACITY/STORAGE	WA	Development	10/01/2025	10/01/2025	10/01/2045	PROJECT PPA	-	200

*Term end date may be an error. PSE will clarify this response with the bidder.

Project ID	Offer	Resource type	State / Province	Resource status	COD	Term start	Term end	Commercial Structure	Ownership Option	Capacity (MW)
2725	3	HYBRID: SOLAR + CAPACITY/STORAGE	WA	Development	10/01/2025	10/01/2025	10/01/2045	PROJECT PPA	-	200
2807	1	SOLAR: PV	WA	Development	12/31/2025	12/31/2025	12/30/2045	PROJECT PPA	-	300
2807	2	HYBRID: SOLAR + CAPACITY/STORAGE	WA	Development	12/31/2025	12/31/2025	12/30/2045	PROJECT PPA	-	300
2807	3	HYBRID: SOLAR + WIND + CAPACITY/STORAGE	WA	Development	12/31/2025	12/31/2025	12/30/2045	PROJECT PPA	-	300
2841	1	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/01/2025	12/01/2025	11/30/2045	PROJECT PPA	-	100
2889	1	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/01/2025	12/01/2025	11/30/2045	PROJECT PPA	-	100
2892	1	SOLAR: PV	WA	Development	03/02/2024	03/02/2024	03/01/2049	PROJECT PPA	-	150
2892	2	SOLAR: PV	WA	Development	03/02/2024			ASSET PURCHASE	YES	150
2899	1	HYBRID: SOLAR + CAPACITY/STORAGE	OR	Development	12/31/2024	12/31/2024	12/31/2044	PROJECT PPA	-	41
2899	2	SOLAR: PV	OR	Development	12/31/2024	12/31/2024	12/31/2044	PROJECT PPA	-	41
2899	3	SOLAR: PV	OR	Development	12/31/2024	12/31/2024	12/31/2049	PROJECT PPA	-	41
2958	1	WIND	MT	Development	12/01/2023	12/01/2023	11/30/2048	PROJECT PPA	-	400
2958	2	WIND	MT	Development	12/01/2025	12/01/2025	11/30/2050	PROJECT PPA	-	400
3028	1	WIND	MT	Development	12/01/2025	12/01/2025	11/30/2045	PROJECT PPA	-	750
3060	1	SOLAR: PV	WA	Development	12/31/2025	12/31/2025	12/31/2045	PROJECT PPA	-	100
3060	2	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2025	12/31/2025	12/31/2045	CAPACITY AGREEMENT	-	25
3155	1	SOLAR: PV	OR	Development	12/31/2025	12/31/2025	12/31/2045	PROJECT PPA	-	400
3155	2	STORAGE: BATTERY LI-ION 4HR	OR	Development	12/31/2025	12/31/2025	12/31/2045	CAPACITY AGREEMENT	-	100
3180	1	WIND	MT	Development	12/31/2025	12/31/2025	12/31/2045	PROJECT PPA	-	1000
3325	1	WIND	WA	Development	12/01/2024	12/01/2024	11/30/2054	PROJECT PPA	-	340
3325	2	HYBRID: SOLAR + CAPACITY/STORAGE	WA	Development	12/01/2024	12/01/2024	11/30/2054	PROJECT PPA	-	160
3325	3	WIND	WA	Development	12/01/2024			ASSET PURCHASE	YES	170
3345	1	SOLAR: PV	WA	Development	12/31/2025	01/01/2026	12/31/2045	PROJECT PPA	-	260
3345	2	SOLAR: PV	WA	Development	12/31/2025	01/01/2026	12/31/2040	PROJECT PPA	-	260
3387	1	STORAGE: BATTERY LI-ION 4HR	WA	Development	07/01/2026	07/01/2026	07/01/2046	PROJECT PPA	-	50
3387	2	STORAGE: BATTERY LI-ION 4HR	WA	Development	07/01/2026	07/01/2026	07/01/2046	PROJECT PPA	-	100
3387	3	STORAGE: BATTERY LI-ION 4HR	WA	Development	07/01/2026	07/01/2026	07/01/2046	PROJECT PPA	-	150
3458	1	HYDROGEN FUEL CELL	WA	Development	12/31/2024	01/01/2025	12/31/2049	CAPACITY AGREEMENT	-	10
3669	1	HYBRID: SOLAR + CAPACITY/STORAGE	OR	Development	12/01/2025	12/01/2025	12/01/2045	PROJECT PPA	-	200
3669	2	HYBRID: SOLAR + CAPACITY/STORAGE	OR	Development	12/01/2025	12/01/2025	12/01/2045	PROJECT PPA	-	300
3669	3	HYBRID: SOLAR + CAPACITY/STORAGE	OR	Development	12/01/2025	12/01/2025	12/01/2045	PROJECT PPA	-	500
3771	1	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/01/2025	12/01/2025	11/30/2045	PROJECT PPA	-	300
3923	1	WIND	WY	Development	12/31/2025	12/31/2025	12/31/2050	PROJECT PPA	-	200
3923	2	WIND	WY	Development	12/31/2025	12/31/2025	12/31/2045	PROJECT PPA	-	200
3947	1	SOLAR: PV	WA	Development	12/31/2024	12/31/2024	12/31/2044	PROJECT PPA	-	80
3947	2	HYBRID: SOLAR + CAPACITY/STORAGE	WA	Development	12/31/2024	12/31/2024	12/31/2044	PROJECT PPA	-	80
3947	3	HYBRID: SOLAR + CAPACITY/STORAGE	WA	Development	12/31/2024	12/31/2024	12/31/2044	PROJECT PPA	-	80
3971	1	WIND	WA	Development	12/01/2024	12/01/2024	11/30/2039	PROJECT PPA	-	140
3971	2	WIND	WA	Development	12/01/2024	12/01/2024	11/30/2044	PROJECT PPA	-	140
3971	3	WIND	WA	Development	12/01/2024	12/01/2024	11/30/2049	PROJECT PPA	-	140
4069	1	STORAGE: BATTERY LI-ION 2HR	WA	Development	07/01/2024	07/01/2024	06/30/2044	CAPACITY AGREEMENT	-	15
4069	2	STORAGE: BATTERY LI-ION 4HR	WA	Development	07/01/2024	07/01/2024	06/30/2044	CAPACITY AGREEMENT	-	15
4069	3	STORAGE: BATTERY LI-ION 6+HR	WA	Development	07/01/2024	07/01/2024	06/30/2044	CAPACITY AGREEMENT	-	15
4091	1	WIND	WA	Development	12/01/2025	12/01/2025	11/30/2045	PROJECT PPA	-	140
4101	1	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2025	12/31/2025	12/30/2045	CAPACITY AGREEMENT	-	80
4101	2	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2025	12/31/2025	12/30/2045	CAPACITY AGREEMENT	-	200
4240	1	FLEX CAPACITY: BIOFUEL	WA	Development	10/31/2025	10/31/2025	10/31/2055	CAPACITY AGREEMENT	-	214
4240	2	FLEX CAPACITY: BIOFUEL	WA	Development	10/31/2025	10/31/2025	10/31/2050	CAPACITY AGREEMENT	-	214
4240	3	FLEX CAPACITY: BIOFUEL	WA	Development	10/31/2025	10/31/2025	10/31/2055	CAPACITY AGREEMENT	-	214
4578	1	HYBRID: WIND + CAPACITY/STORAGE	MT	Development	12/31/2025	12/31/2025	12/31/2045	PROJECT PPA	-	400
4578	2	HYBRID: WIND + CAPACITY/STORAGE	MT	Development	12/31/2025	12/31/2025	12/31/2045	PROJECT PPA	-	400
4578	3	HYBRID: WIND + CAPACITY/STORAGE	MT	Development	12/31/2025	12/31/2025	12/31/2045	PROJECT PPA	-	400
4644	1	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2025	12/31/2025	12/31/2045	CAPACITY AGREEMENT	-	100
4644	2	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2025	12/31/2025	12/31/2045	CAPACITY AGREEMENT	-	100

Project ID	Offer	Resource type	State / Province	Resource status	COD	Term start	Term end	Commercial Structure	Ownership Option	Capacity (MW)
4644	3	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2026	12/31/2026	12/31/2046	CAPACITY AGREEMENT	-	100
4763	1	STORAGE: PUMPED HYDRO	OR	Development	09/30/2026	10/01/2026	09/30/2046	CAPACITY AGREEMENT	-	200
4763	2	STORAGE: PUMPED HYDRO	OR	Development	09/30/2026	10/01/2026	09/30/2046	CAPACITY AGREEMENT	-	200
4763	3	STORAGE: PUMPED HYDRO	OR	Development	09/30/2026	10/01/2026	09/30/2046	CAPACITY AGREEMENT	-	400
4929	1	FLEX CAPACITY: BIOFUEL	WA	Development	10/31/2025	10/31/2025	10/31/2055	CAPACITY AGREEMENT	-	214
4929	2	FLEX CAPACITY: BIOFUEL	WA	Development	10/31/2025	10/31/2025	10/31/2050	CAPACITY AGREEMENT	-	214
4929	3	FLEX CAPACITY: BIOFUEL	WA	Development	10/31/2025	10/31/2025	10/31/2055	CAPACITY AGREEMENT	-	214
5008	1	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2025	12/31/2025	12/31/2045	CAPACITY AGREEMENT	-	100
5008	2	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2025	12/31/2025	12/31/2045	CAPACITY AGREEMENT	-	100
5008	3	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2026	12/31/2026	12/31/2046	CAPACITY AGREEMENT	-	100
5056	1	SOLAR: PV	WA	Development	12/31/2025	01/01/2026	01/31/2046	PROJECT PPA	-	90
5088	1	WIND	OR	Operational	01/01/2009	02/01/2024	02/01/2034	PROJECT PPA	-	72
5088	2	WIND	OR	Operational	01/01/2009	02/01/2024	02/01/2039	PROJECT PPA	-	72
5234	1	SOLAR: PV	WA	Development	12/01/2024	12/01/2024	12/01/2044	PROJECT PPA	YES	250
5234	2	SOLAR: PV	WA	Development	12/01/2024	12/01/2024	12/01/2044	PROJECT PPA	YES	300
5435	1	STORAGE: BATTERY LI-ION 4HR	WA	Development	10/31/2024	10/31/2024	10/30/2044	CAPACITY AGREEMENT	-	150
5435	2	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2023	12/31/2023	12/30/2043	CAPACITY AGREEMENT	-	150
5435	3	STORAGE: BATTERY LI-ION 4HR	WA	Development	10/31/2024	10/31/2024	10/30/2044	CAPACITY AGREEMENT	-	150
5438	1	RUN OF RIVER HYDRO	WA	Operational	12/31/1989	03/09/2025	03/08/2045	PROJECT PPA	-	20
5438	2	RUN OF RIVER HYDRO	WA	Operational	12/31/1989	03/09/2025	03/08/2045	PROJECT PPA	-	20
5503	1	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/01/2025	12/31/2025	12/31/2035	CAPACITY AGREEMENT	-	145
5503	2	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/01/2025	12/31/2025	12/31/2040	CAPACITY AGREEMENT	-	145
5503	3	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/01/2025	12/31/2025	12/31/2045	CAPACITY AGREEMENT	-	145
5684	1	STORAGE: BATTERY LI-ION 4HR	MT	Development	12/01/2025	12/01/2025	11/30/2045	PROJECT PPA	-	100
5684	2	STORAGE: BATTERY LI-ION 6+HR	MT	Development	12/01/2025	12/01/2025	11/30/2045	PROJECT PPA	-	100
5684	3	HYBRID: SOLAR + CAPACITY/STORAGE	MT	Development	12/01/2025	12/01/2025	11/30/2045	PROJECT PPA	-	120
5703	1	SOLAR: PV	WA	Development	10/01/2025	10/01/2025	10/01/2045	PROJECT PPA	-	300
5703	2	HYBRID: SOLAR + CAPACITY/STORAGE	WA	Development	10/01/2025	10/01/2025	10/01/2045	PROJECT PPA	-	300
5864	1	SOLAR: PV	WA	Development	06/03/2024	06/03/2024	06/02/2049	PROJECT PPA	-	66
5864	2	HYBRID: SOLAR + WIND + CAPACITY/STORAGE	WA	Development	06/03/2024	06/03/2024	06/02/2049	CAPACITY AGREEMENT	YES	66
5864	3	HYBRID: SOLAR + WIND + CAPACITY/STORAGE	WA	Development	06/03/2024	06/03/2024	06/02/2049	ASSET PURCHASE	YES	66
5943	1	FLEX CAPACITY: NAT. GAS	WA	Operational	07/01/2008	01/01/2026	01/01/2036	CAPACITY AGREEMENT	-	650
5943	2	FLEX CAPACITY: NAT. GAS	WA	Operational	07/01/2008	01/01/2026	01/01/2046	CAPACITY AGREEMENT	-	650
5943	3	FLEX CAPACITY: NAT. GAS	WA	Operational	07/01/2008			ASSET PURCHASE	YES	650
5964	1	FLEX CAPACITY: BIOFUEL	WA	Development	10/31/2025	10/31/2025	10/31/2055	CAPACITY AGREEMENT	-	215
5964	2	FLEX CAPACITY: BIOFUEL	WA	Development	10/31/2025	10/31/2025	10/31/2050	CAPACITY AGREEMENT	-	215
5964	3	FLEX CAPACITY: BIOFUEL	WA	Development	10/31/2025	10/31/2025	10/31/2055	CAPACITY AGREEMENT	-	215
5999	1	STORAGE: BATTERY LI-ION 4HR	WA	Development	09/30/2025	04/30/2023	09/30/2045	PROJECT PPA	-	85
5999	2	STORAGE: BATTERY LI-ION 4HR	WA	Development	09/30/2025	04/30/2023	09/30/2045	PROJECT PPA	-	85
6185	1	SOLAR: PV	WA	Development	12/31/2025	12/31/2025	12/31/2045	PROJECT PPA	-	300
6185	2	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2025	12/31/2025	12/31/2045	CAPACITY AGREEMENT	-	75
6236	1	HYBRID: SOLAR + CAPACITY/STORAGE	WA	Development	12/01/2024	12/01/2024	12/01/2044	PROJECT PPA	YES	100
6236	2	HYBRID: SOLAR + CAPACITY/STORAGE	WA	Development	12/01/2024	12/01/2024	12/01/2044	PROJECT PPA	YES	100
6236	3	HYBRID: SOLAR + CAPACITY/STORAGE	WA	Development	12/01/2024	12/01/2024	12/01/2044	PROJECT PPA	YES	150
6430	1	WIND	WA	Development	12/31/2025	12/31/2025	12/31/2045	PROJECT PPA	-	312
6465	1	STORAGE: BATTERY LI-ION 4HR	WA	Development	10/31/2024	10/31/2024	10/30/2044	CAPACITY AGREEMENT	-	200
6465	2	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2023	12/31/2023	12/30/2043	CAPACITY AGREEMENT	-	200
6465	3	STORAGE: BATTERY LI-ION 4HR	WA	Development	10/31/2024	10/31/2024	10/30/2044	CAPACITY AGREEMENT	-	200
6518	1	HYBRID: SOLAR + CAPACITY/STORAGE	WA	Development	12/01/2025	12/01/2025	11/30/2045	PROJECT PPA	-	200
6549	1	SOLAR: PV	WA	Development	12/31/2025	12/31/2025	12/31/2045	PROJECT PPA	-	200
6549	2	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2025	12/31/2025	12/31/2045	CAPACITY AGREEMENT	-	50
6606	1	WIND	MT	Development	12/31/2025	12/31/2025	12/31/2050	PROJECT PPA	-	201
6606	2	WIND	MT	Development	12/31/2025	12/31/2025	12/31/2050	PROJECT PPA	-	401
6606	3	WIND	MT	Development	12/31/2025	12/31/2025	12/31/2050	PROJECT PPA	-	598

Project ID	Offer	Resource type	State / Province	Resource status	COD	Term start	Term end	Commercial Structure	Ownership Option	Capacity (MW)
6891	1	WIND	MT	Development	12/31/2025	12/31/2025	12/31/2045	PROJECT PPA	-	1000
7103	1	WIND	WA	Development	12/01/2025	12/01/2025	12/01/2045	PROJECT PPA	-	100
7374	1	HYBRID: SOLAR + CAPACITY/STORAGE	WA	Development	12/31/2024	12/31/2024	12/31/2044	PROJECT PPA	-	200
7374	2	SOLAR: PV	WA	Development	12/31/2024	12/31/2024	12/31/2044	PROJECT PPA	-	200
7374	3	SOLAR: PV	WA	Development	12/31/2024	12/31/2024	12/31/2049	PROJECT PPA	-	200
7405	1	HYBRID: SOLAR + CAPACITY/STORAGE	OR	Development	06/01/2025	06/01/2025	05/31/2045	PROJECT PPA	-	120
7418	1	STORAGE: BATTERY LI-ION 4HR	WA	Development	10/31/2024	10/31/2024	10/30/2044	CAPACITY AGREEMENT	-	200
7418	2	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2023	12/31/2023	12/03/2043	CAPACITY AGREEMENT	-	200
7418	3	STORAGE: BATTERY LI-ION 4HR	WA	Development	10/31/2024	10/31/2024	10/30/2044	CAPACITY AGREEMENT	-	200
7508	1	STORAGE: BATTERY LI-ION 4HR	WA	Development	10/31/2024	10/31/2024	10/30/2044	CAPACITY AGREEMENT	-	250
7508	2	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2023	12/31/2023	12/30/2043	CAPACITY AGREEMENT	-	250
7508	3	STORAGE: BATTERY LI-ION 4HR	WA	Development	10/31/2024	10/31/2024	10/30/2044	CAPACITY AGREEMENT	-	250
7621	1	SOLAR: PV	WA	Development	12/01/2024	12/01/2024	12/01/2044	PROJECT PPA	YES	100
7621	2	SOLAR: PV	WA	Development	12/01/2024	12/01/2024	12/01/2044	PROJECT PPA	YES	150
7728	1	WIND	WA	Development	10/01/2024	10/01/2024	10/01/2049	PROJECT PPA	-	140
7728	2	WIND	WA	Development	10/01/2025	10/01/2025	10/01/2050	PROJECT PPA	-	620
7736	1	STORAGE: BATTERY LI-ION 4HR	OR	Development	12/31/2024	12/31/2024	12/31/2044	CAPACITY AGREEMENT	YES	100
7736	2	STORAGE: BATTERY LI-ION 4HR	OR	Development	12/31/2025	12/31/2025	12/31/2045	CAPACITY AGREEMENT	YES	200
7736	3	STORAGE: BATTERY LI-ION 4HR	OR	Development	12/31/2026	12/31/2026	12/31/2046	CAPACITY AGREEMENT	YES	600
7871	1	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2024	12/31/2024	12/31/2044	PROJECT PPA	-	75
7894	1	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/01/2025	12/31/2025	12/31/2035	CAPACITY AGREEMENT	-	200
7894	2	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/01/2025	12/31/2025	12/31/2040	CAPACITY AGREEMENT	-	200
7894	3	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/01/2025	12/31/2025	12/31/2045	CAPACITY AGREEMENT	-	200
7991	1	HYBRID: SOLAR + CAPACITY/STORAGE	OR	Development	12/31/2024	12/31/2024	12/31/2044	PROJECT PPA	-	120
7991	2	SOLAR: PV	OR	Development	12/31/2024	12/31/2024	12/31/2044	PROJECT PPA	-	120
7991	3	SOLAR: PV	OR	Development	12/31/2024	12/31/2024	12/31/2049	PROJECT PPA	-	120
8051	1	HYBRID: SOLAR + WIND + CAPACITY/STORAGE	OR	Development	12/21/2024	12/21/2024	12/21/2044	PROJECT PPA	-	201
8051	2	HYBRID: SOLAR + WIND + CAPACITY/STORAGE	OR	Development	12/21/2024	12/21/2024	12/21/2044	PROJECT PPA	-	201
8051	3	HYBRID: WIND + SOLAR	OR	Development	12/21/2024	12/21/2024	12/21/2044	PROJECT PPA	-	201
8150	1	WIND	WA	Development	12/01/2023	12/01/2023	11/30/2053	PROJECT PPA	-	350
8150	2	HYBRID: SOLAR + CAPACITY/STORAGE	WA	Development	12/01/2024	12/01/2024	11/30/2054	PROJECT PPA	-	100
8150	3	WIND	WA	Development	12/01/2023			ASSET PURCHASE	YES	175
8179	1	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2025	12/31/2025	12/30/2045	CAPACITY AGREEMENT	-	200
8652	1	SOLAR: PV	OR	Development	12/31/2024	12/31/2024	12/31/2049	PROJECT PPA	-	400
8652	2	SOLAR: PV	OR	Development	12/31/2024	12/31/2024	12/31/2049	PROJECT PPA	-	300
8728	1	STORAGE: PUMPED HYDRO	OR	Development	09/30/2026	10/01/2026	09/30/2056	CAPACITY AGREEMENT	-	200
8728	2	STORAGE: PUMPED HYDRO	OR	Development	09/30/2026	10/01/2026	09/30/2056	CAPACITY AGREEMENT	-	200
8728	3	STORAGE: PUMPED HYDRO	OR	Development	09/30/2026	10/01/2026	09/30/2056	CAPACITY AGREEMENT	-	400
8910	1	FLEX CAPACITY: NAT. GAS	OR	Operational	08/01/2002	01/01/2024	12/31/2029	CAPACITY AGREEMENT	-	317
8910	2	FLEX CAPACITY: NAT. GAS	OR	Operational	08/01/2002	01/01/2024	12/31/2029	CAPACITY AGREEMENT	-	635
8910	3	FLEX CAPACITY: NAT. GAS	OR	Operational	08/01/2002	01/01/2024	12/31/2033	CAPACITY AGREEMENT	-	317
9015	1	SOLAR: PV	WA	Development	12/31/2024	12/31/2024	12/31/2044	PROJECT PPA	-	160
9015	2	HYBRID: SOLAR + CAPACITY/STORAGE	WA	Development	12/31/2024	12/31/2024	12/31/2044	PROJECT PPA	-	160
9015	3	HYBRID: SOLAR + CAPACITY/STORAGE	WA	Development	12/31/2024	12/31/2024	12/31/2044	PROJECT PPA	-	160
9088	1	FLEX CAPACITY: NAT. GAS	ID	Operational	09/12/2001			ASSET PURCHASE	YES	280
9088	2	FLEX CAPACITY: NAT. GAS	ID	Operational	09/12/2001			ASSET PURCHASE	YES	280
9136	1	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2025	12/31/2025	12/30/2045	CAPACITY AGREEMENT	-	200
9136	2	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2025	12/31/2025	12/30/2045	CAPACITY AGREEMENT	-	200
9374	1	HYBRID: SOLAR + CAPACITY/STORAGE	WA	Development	12/01/2025	12/01/2025	11/30/2045	PROJECT PPA	-	100
9439	1	STORAGE: BATTERY LI-ION 2HR	WA	Development	07/01/2024	07/01/2024	06/30/2044	CAPACITY AGREEMENT	-	125
9439	2	STORAGE: BATTERY LI-ION 4HR	WA	Development	07/01/2024	07/01/2024	06/30/2024*	CAPACITY AGREEMENT	-	125
9602	1	HYBRID: SOLAR + CAPACITY/STORAGE	WA	Development	12/31/2024	12/31/2024	12/31/2044	PROJECT PPA	-	100
9602	2	SOLAR: PV	WA	Development	12/31/2024	12/31/2024	12/31/2044	PROJECT PPA	-	100
9602	3	SOLAR: PV	WA	Development	12/31/2024	12/31/2024	12/31/2049	PROJECT PPA	-	100

*Term end date may be an error. PSE will clarify this response with the bidder.

Project ID	Offer	Resource type	State / Province	Resource status	COD	Term start	Term end	Commercial Structure	Ownership Option	Capacity (MW)
9696	1	SOLAR: PV	WA	Development	12/31/2025	12/31/2025	12/31/2045	PROJECT PPA	-	90
9696	2	HYBRID: SOLAR + CAPACITY/STORAGE	WA	Development	12/31/2025	12/31/2025	12/31/2045	ASSET PURCHASE	YES	90
9696	3	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2025	12/31/2025	12/31/2045	CAPACITY AGREEMENT	-	25
9788	1	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2025	12/31/2025	12/30/2045	CAPACITY AGREEMENT	-	200
9831	1	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2024	12/31/2024	12/31/2044	CAPACITY AGREEMENT	-	200
9831	2	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2025	12/31/2025	12/31/2045	CAPACITY AGREEMENT	-	200
9831	3	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2026	12/31/2026	12/31/2046	CAPACITY AGREEMENT	-	200
9851	1	STORAGE: BATTERY LI-ION 4HR	WA	Development	10/31/2024	10/31/2024	10/30/2044	CAPACITY AGREEMENT	-	200
9851	2	STORAGE: BATTERY LI-ION 4HR	WA	Development	12/31/2023	12/31/2023	12/30/2043	CAPACITY AGREEMENT	-	200
9851	3	STORAGE: BATTERY LI-ION 4HR	WA	Development	10/31/2024	10/31/2024	10/30/2044	CAPACITY AGREEMENT	-	200