

**June 1, 2021 Summary Table of Redlines to All Source RFP**  
(Main RFP document, Exhibit A and Exhibit B as updated on 5/10/2021)

<b>Comment #</b>	<b>Document Section</b>	<b>Summary of Change</b>	<b>Page #(s)</b>
5.1	RFP, Section 1	<ul style="list-style-type: none"> <li>• Language added referencing PSE’s resource adequacy modeling in Chapter 7 of the 2021 IRP supporting the market risk assessment. Footnote added with web address link to 2021 IRP Chapter 7.</li> <li>• Replacement of words “market risk” with “market reliance”.</li> <li>• Language added stating that PSE intends to conduct further analysis of the proposed market reliance reduction and will hold a workshop in Q3 of 2021 to share its analysis with stakeholders.</li> <li>• Language added clarifying that PSE may adjust its strategy on market reliance reduction and proposed glide path if new information suggests that an alternate reduction or glide path would be in the best interest of customers.</li> </ul>	7
2.1	RFP, Section 1	<ul style="list-style-type: none"> <li>• Sentence describing project specific ELCC factors moved to paragraph on p.11 discussing evaluation of capacity contribution of RFP resources in Phase 2.</li> <li>• Footnote added indicating that PSE’s IRP methodology started with GENESYS model from the Northwest Power and Conservation Council (NPCC) power supply adequacy assessment.</li> </ul>	9
N/A	RFP, Section 1	<ul style="list-style-type: none"> <li>• ELCC value in Table 4 for biomass modified to 95%, with footnote that biomass proposals meet the minimum criteria describe in Section 4 of the RFP demonstrating a firm fuel supply.</li> <li>• Hybrid Resource ELCCs added to Figure 4 listing generic ELCCs from 2021 IRP.</li> <li>• Language added clarifying that In Phase 1 of the RFP, PSE’s quantitative analysis will approximate the ELCC value of each proposed RFP resource using the ELCC value of a comparable generic resource from PSE’s 2021 IRP analysis.</li> </ul>	10

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		<ul style="list-style-type: none"> <li>Clarification added to Figure 4 footnote that the complete list of ELCC values by resource type is presented in the 2021 IRP.</li> </ul>	
9.7	RFP, Section 1	Language added indicating that for variable energy resources, PSE will compare the 8760 generation profiles provided by bidders to verify general consistency with the associated generic resource assumption and if there is a significant difference, PSE would take that information into consideration in the evaluation process if the bidder provides independently verified third-party support for their generation output profile.	10
2.1, 6.1, 7.1, 8.1, 9.7	RFP, Section 1	<ul style="list-style-type: none"> <li>Language added clarifying the use of generic ELCC values in Phase 1 of the resource evaluation process and the selection of a candidate pool representing different resource types and technologies for Phase 2.</li> <li>Language added describing the factors to be taken into account in determining the project-specific ELCC values in the Phase 2 of the evaluation process.</li> </ul>	10-11
	RPP, Section 1	Section added stating that PSE will hold a workshop for bidders and stakeholders to learn more about the modeling approach and assumptions for generic and resource-specific ELCCs in August of 2021.	11
9.4	RFP, Section 2	Deletion of the words “network integration transmission service” and replacement with “NRIS interconnection service”.	14
5.5	RFP, Section 2	Clarification that PSE actively markets <u>unscheduled</u> (removing word “excess”) transmission rights to reduce costs.	14
N/A	RFP, Section 2	Footnote added referencing the Commission’s Report and Policy Statement on Treatment of Energy Storage Technologies in Integrated Resource Planning and Resource Acquisition, Docket UE-151069 and U-161024.	16

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N/A	RFP, Section 2	Language added stating that bidders contemplating the use of PSE land may contact PSE's Facility Services or Property Management teams and that any new or supplemental information related to land available for bidder use that may become available during the bid preparation period will be posted to PSE's RFP web site.	16
6.3, 5.2	RFP, Section 2	<ul style="list-style-type: none"> <li>• Removal of bullet-point stating that ancillary cycles do not count toward annual or daily limits.</li> <li>• Clarification of annual dispatch limits for base configuration of Battery Energy Storage System ("BESS") resources, consistent with the dispatch in the 2021 IRP.</li> <li>• Revision in Table 5 to clarify BESS base configuration as "2 cycles/day &amp; 60 <del>cycles</del> <u>days</u>/year and Maximum Annual MWh Discharged as 1,752 MWh per installed MW.</li> </ul>	17
UTC-3, 5.3, 7.2, UTC-13	RFP, Section 2	<ul style="list-style-type: none"> <li>• Language added briefly summarizing how PSE plans to coordinate and co-optimize the All Source and DER RFPs and referring to Section 3 for more details.</li> <li>• Clarification provided that PSE anticipates that the targeted DER RFP will include many of the same general requirements as the All Source RFP, but may contain some additional requirement specific to distributed energy resources or the CEIP development process.</li> </ul>	19
N/A	RFP, Section 2	Term of power-bridging agreements modified from two years to up to five years.	21
N/A	RFP, Section 3	<p>Additions to Table 6, 2021 All Source RFP Schedule:</p> <ul style="list-style-type: none"> <li>• Workshop to discuss ELCC assumptions in August 2021</li> <li>• Footnote summarizing agenda of the ELCC workshop</li> <li>• Workshop to review further analysis of market reliance reduction in August or September 2021</li> </ul>	23

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		<ul style="list-style-type: none"> <li>Footnote indicating that PSE will conduct share it market reliance analysis in the workshop</li> <li>Opportunity for bidders to revise/augment Customer Benefit Plans by January 31, 2022 once PSE's CEIP is finalized</li> </ul>	
UTC-5		Addition of reference to the Aurora model that PSE will use in the Phase 1 of the evaluation process	25
2.1	RFP, Section 3	Language added stating that PSE will select a pool of resources for Phase 2 portfolio optimization that represent the best-performing proposals from different resource types generally consistent with the resource type categories present in the ELCC discussion in Chapter 7 of the 2021 IRP.	25
UTC-5	RFP, Section 3	Addition of reference to the Aurora Model that PSE will use in the Phase 2 evaluation process	26
UTC-4	RFP, Section 3	<ul style="list-style-type: none"> <li>Replacement of the term "CETA equity" with "customer benefit and equity"</li> <li>Replacement of the term "equity" with "customer benefit"</li> </ul>	26
UTC-3, 5.3, 7.2, UTC-13	RFP, Section 3	Section added providing context and a description of PSE's anticipated approach to a combined portfolio optimization of the All-Source RFP and Targeted DER RFP shortlists.	27
UTC-5	RFP, Section 3	Section describing quantitative modelling revised to reflect PSE use of: <ul style="list-style-type: none"> <li>modeling tools and methodologies consistent with 2021 IRP</li> <li>the Aurora model in both phases of the All Source quantitative analysis.</li> <li>the results of the 2021 IRP sub-hourly Plexos flexibility analysis for generic resources</li> <li>Excel-based PSM to compile fixed and variable costs of proposals</li> </ul>	28
9.2, 9.8	RFP, Section 3	Summary description of the role and scope of the Independent Evaluator ("IE") expanded to include the complete Scope of Work from the IE RFP.	28-31

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5.8	RFP, Section 4	Reference to bio-fuel and other generation resources requiring fuel added to the requirement to provide a fuel plan.	35
5.8	RFP, Section 4	Clarification added to requirement that biomass, biofuel or other generation resources requiring fuel must provide in their proposal a fuel supply plan that demonstrates the “firm” availability of the fuel supply.	35
UTC-4	RFP, Section 4	“Equity plan” revised to “customer benefit plan”	36
UTC-2	RFP, Section 5	Rationale provided for PSE’s credit requirements	42
UTC-7	RFP, Section 6	Clarification provided that PSE will provide the link to the platform and instructions for proposals submission on the RFP website once the final RFP is issued or soon thereafter, and that schedule updates or supplemental informational updates will be posted to PSE’s RFP website.	43
UTC-7	RFP, Section 6	Section added describing the guidance that PSE will provide to bidders to complete Exhibit B (Proposal Requirements Forms) and navigate the newly designed proposal submission process.	44
N/A	RFP, Section 6	Clarification made that PSE will provide instructions for submitting the bid fee on the RFP website once the final RFP is issued or soon thereafter	45
UTC-4	Exhibit A	Terminology clarified by deleting “public benefits” and replacing “equity goals” with “customer benefit and equity provisions”	A-1
UTC-5	Exhibit A	Section describing quantitative metrics and price score revised to reflect PSE use of: <ul style="list-style-type: none"> <li>the Aurora production cost model for optimal resource selection and hourly economic dispatch</li> <li>Excel-based PSM to compile fixed and variable costs of proposals</li> </ul>	A-2, A-3
UTC-5	Exhibit A	Replacement of “PSM” with “the Aurora model” in reference to metrics calculated to assess the relative competitiveness of individual proposals	A-3
UTC-4	Exhibit A	Replacement of “CETA Equity Plan” with “CETA customer benefit plan”	A-5

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9.11	Exhibit A	Footnote to Table 4 modified to clarify that imputed debt will be considered for the purpose of consolidated company balance sheet and credit analysis prior to any contracting.	A-2
9.11	Exhibit A	Footnote added to qualitative evaluation rubric under "Counterparty Stability" indicating consideration of material legal proceedings within past five years and that PSE will generally consider legal breaches of greater than \$5 million to be material.	A-6
UTC-4	Exhibit A	Replacement of "CETA Equity Plan" with "CETA customer benefit plan"	A-8, A-9
UTC-1	Exhibit A	Appendix added providing bidders with a sample scoring rubric for the combined quantitative and qualitative evaluation and scoring scenarios.	A-11
N/A	Exhibit B	Added clarification about use of conditional formatting, legend showing conditional formatting, and clarifying potential impacts due to automation effort.	Tab: Instructions to Respondents
5.8	Exhibit B	Added clarification for biomass / biofuels for firm fuel arrangements	Tab 1
UTC-4	Exhibit B	Added clarification for customer benefits	Tab 1
UTC-4	Exhibit B	Added clarification for customer benefits	Tab 2a
N/A	Exhibit B	Added clarification for "Yes" response.	Tab 2b
N/A	Exhibit B	Clarified requirement for providing additional detail in cells	Tab 3
N/A	Exhibit B	Clarified language for ESS "Plant Control"	Tab 3c
N/A	Exhibit B	Changed cells to calculate total cost breakdown percentage automatically	Tab 3d
N/A	Exhibit B	Clarified requirement for providing additional detail in cells	Tab 6
N/A	Exhibit B	Clarified requirement for alternate contact	Tab 9
9.9	Exhibit F	Revision of the dispute resolution language in Exhibit F ("Prototype Capacity and/or Energy Agreement Term Sheet") to be consistent with Exhibit E ("Prototype Ownership Term Sheet")	F-10
9.9	Exhibit G	Revision of dispute resolution language in Exhibit G ("Clean Energy PPA Term Sheet") to be consistent with Exhibit E ("Prototype Ownership Term Sheet")	G-12

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UTC-11	Exhibit K	<ul style="list-style-type: none"><li>Information added to the list of potential benefits on Table 1</li></ul> Replacement of the ELCC table (Table 3) with the updated table from the 2021 IRP.	K-2, K-3