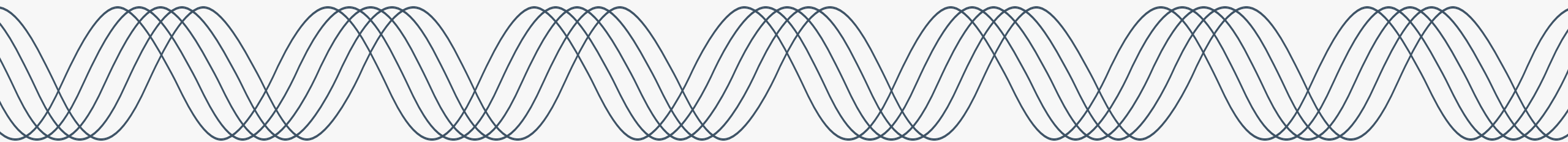


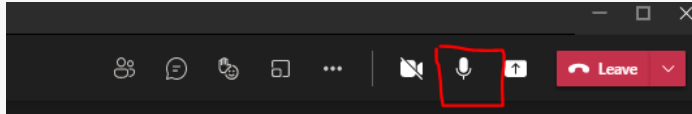
2025 All-Source Request for Proposals

Draft RFP Workshop
May 1, 2025

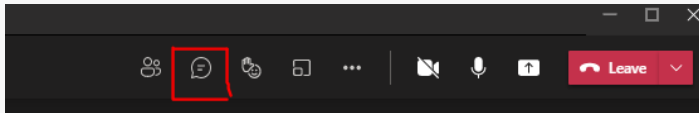


Participation

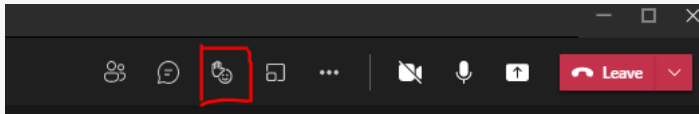
Mute your mic while others are speaking; to unmute via phone press *6



We will ask for comments and questions along the way
Participate using the chat box or ask questions verbally



Use the “raise hand” feature to signal you’d like to ask your question verbally



Wait to be called on

Please be polite and respect all participants involved with the workshop

Please stay on topic; we may interrupt or shorten questions to meet the time commitment of the meeting

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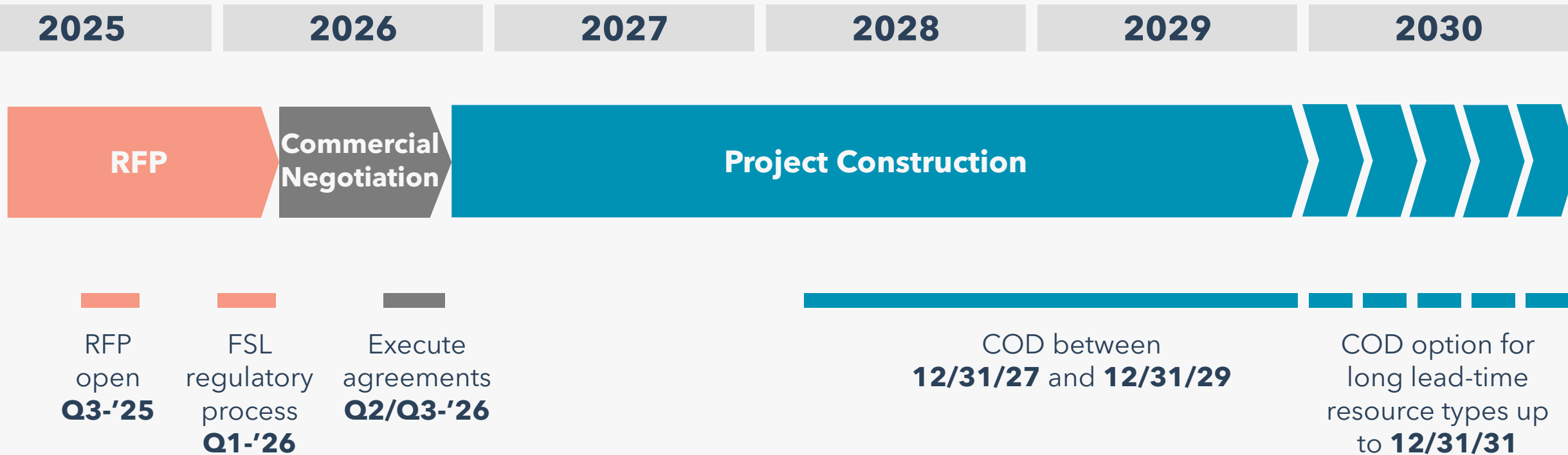
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Independent Evaluator Role: PA Consulting

- As the IE for this solicitation, PA Consulting will work to ensure the solicitation is conducted fairly, transparently, and in accordance with Oregon's Competitive Bidding Framework. Specifically, the IE will:
 - Oversee PGE's 2025AS RFP review and evaluation team and associated evaluation process.
 - Monitor communications between participants and PGE, including between PGE's benchmark bid team and 2025AS RFP review and evaluation team.
 - Review the code of conduct and monitor the separation between PGE's benchmark bid team and 2025AS RFP review and evaluation team to ensure proper handling of confidential RFP information.
 - Ensure the evaluation process is transparent and all offerors are treated fairly and equitably.
 - Ensure benchmark and affiliate bids are not unduly favored.
 - Ensure bid conformance and eligibility decisions are fair and reasonable.
 - Advise PGE and OPUC Staff as evaluation issues arise.
 - Ensure fair and unbiased treatment of counterparties through the monitoring of contract negotiations.
- The IE can be reached with any questions or concerns at 2025AS_PGE_IE@paconsulting.com or **(720) 352-5041**

RFP and Resource Development Timeline



2025 RFP Process Update

- PGE initiated the 2025 RFP process and has taken the following steps:
 - Conducted the IE RFP in January 2025
 - Bidder & stakeholder workshop on March 20
 - Filed Draft RFP including Scoring and Modeling Methodology (SMM) on April 17
- 2025 RFP approach is prioritizing prompt issuance, with limited changes relative to 2023 RFP
 - OPUC approved PGE's request for simultaneous review of PGE's Draft RFP and SMM (via UM 2357)
 - Areas of focus for revisions are informed by the Commission's 2023 RFP order; OPUC Staff hosted a workshop on February 20, and published an updated Staff proposal on April 28
- PGE 2023 RFP negotiations are still in progress; 2025 RFP needs will be updated accordingly

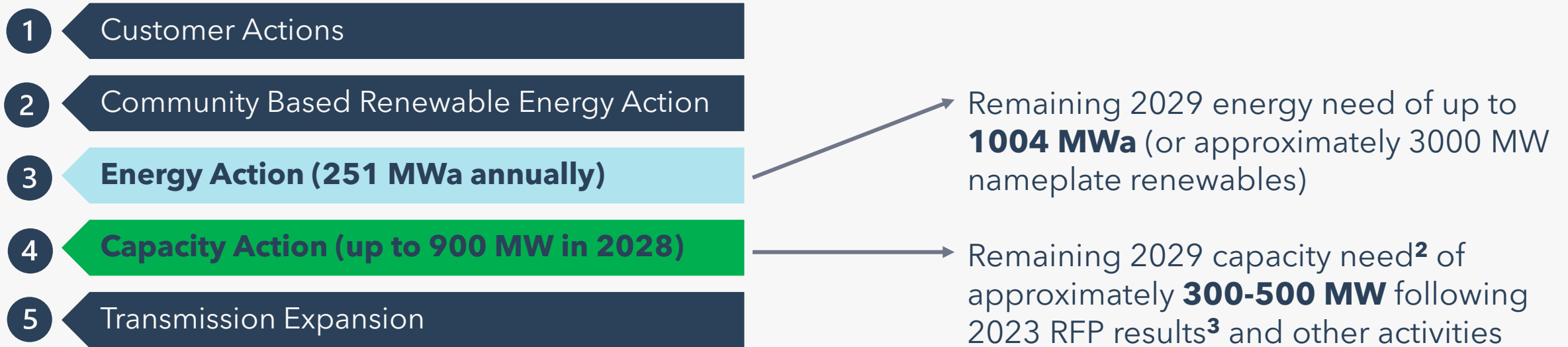
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2023 IRP Action Plan

Energy and capacity needs are consistent with the 2023 IRP Action Plan, extended through 2029 and updated for interim resource acquisition

IRP Action Plan¹



(1) As presented in PGE's UM 2274 2023 RFP Final Shortlist Presentation, Sept. 19 2024 (p4). [<LINK>](#)

(2) As presented in "Draft Capacity Need Timeline", Nov. 6 2024 CEP/IRP Roundtable (p20). [<LINK>](#)

(3) Group A of the 2023 RFP Final Shortlist included 85 MWa of energy resources and 532 MW of capacity contribution

2025 RFP Products Requested

Product	Minimum Size	Target Size	Commercial Online Date	Minimum Agreement Term	Maximum Agreement Term
Renewable Resource	3 MW for solar resources and 10 MW for all other resources	1004 MWa (aligned with CEP/IRP target of 251 MWa annually for 2026 through 2029)	12/31/2029	PPA: 15 years	PPA: 30 years
Non-Emitting Dispatchable Resource	10 MW for all storage resources	PGE's remaining capacity need after 2023 RFP results and other acquisition actions.	12/31/2029 Long lead time resources* can come online by 12/31/2031	PPA: 15 years	PPA: 30 years

* Long-lead time resources have a standard construction cycle of greater than four years (such as pumped hydro resources). Standard schedule is based on typical construction activities and does not include delays due to supply chain constraint.

2025 RFP Agreement Types

PGE will consider the following commercial arrangements:

- Utility Owned Commercial Structures
 - May include, but are not limited to, sales of existing assets, acquisition of project development rights, Asset Purchase Agreement (APA) & Engineering Procure Construction (EPC) agreements, Build Transfer Agreements (BTA) or joint ownership
 - PGE will also consider hybrid structures that include both an ownership component and a power purchase agreement (e.g., the sale of a phase or portion of a project with an off-take agreement for the balance or a PPA with purchase option or obligation).
 - The Draft RFP retains 2023 RFP provisions that provide for affiliate ownership opportunities delivered to PGE customers through a power purchase agreement. *These provisions would only be applicable in the 2025 RFP in the event of specific changes in federal tax policy*
- Third Party Owned Commercial Structures
 - Third party bids may include various types of power purchase agreement structures, including Storage Capacity Agreements (SCA)

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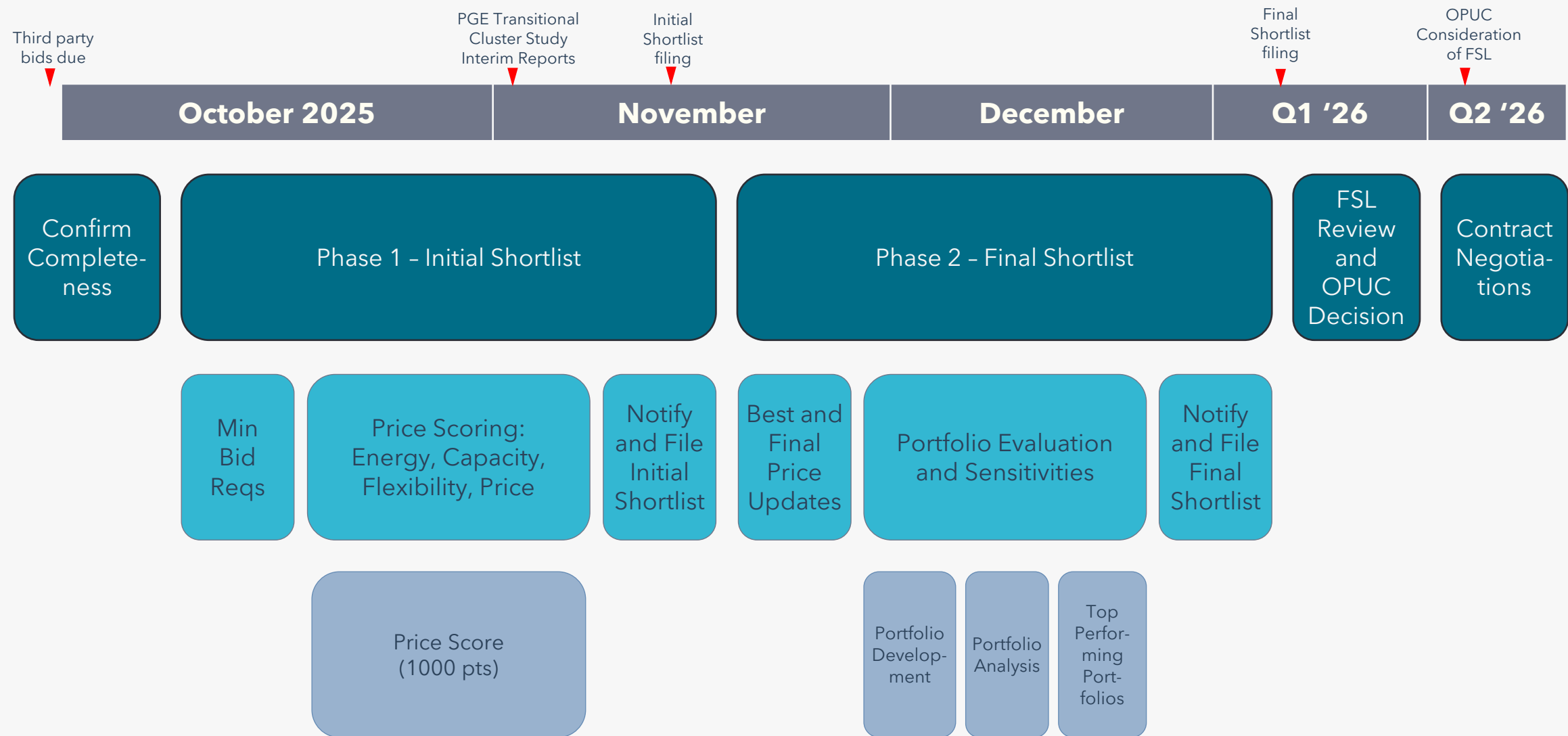
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Bid Evaluation Process Summary



Minimum Bidder Requirements

All Commercial Structures

Entity	Financing	Technology Eligibility	Resource Online Date	Qualifying Product	Nameplate
Term Length	Site Control	Permitting	Acceptable Delivery Points	Interconnection	Transmission
	Integration	Labor	Community Benefits Information	Usable Energy Storage Bidding	

Utility Ownership Structures Only

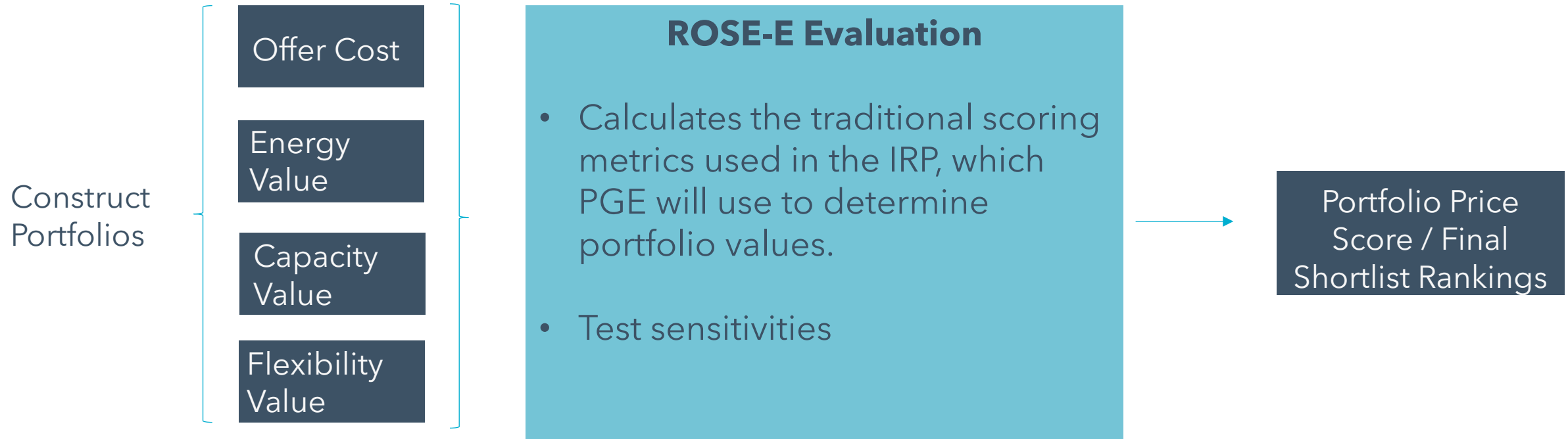
Equipment Manufacturers	Long-Term Service Agreements
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Price Scoring and Modeling

- Price scoring assigns a numeric score to reflect the economic performance
- PGE will allocate 100 percent of available bid points to bids based on the price and performance considerations reflected in the price score
- Price scores for renewable resources and dispatchable resources will be calculated separately
- Price points will be allocated based on the following elements:



Portfolio Analysis & Final Shortlist



Final Shortlist
Rankings

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Summary of 2025 RFP Update Areas

Updates primarily affect SMM details (ie, minimum requirements and scoring)

	Topic	Approach
1	Energy price forecast	IRP Update price forecast
2	Commercial online date	COD on or before 12/31/29
3	Interconnection minimum requirements	Timeline alignment with PGE cluster study
4	Transmission-related updates to minimum requirements, delivery points, and energy and capacity valuation	<i>See following slides</i>
5	Execution viability metric and negotiation escrow	<i>See following slides</i>
6	Community benefit indicators	Identify community benefits; not a factor in scoring
7	Term sheets and form contracts	Clarifications and consistency
8	General and technology-specific tech specs	<i>To be available for review in June 2025</i>

Transmission Requirements and Evaluation (1 of 2)

The Draft RFP includes new transmission provisions to encourage additional bids

(1) Revised transmission minimum requirements for renewables

- New min. requirements of 15-60% for renewable resources are intended to ensure PGE ability to access capacity benefits of renewable resources
- IRP analysis underscores the importance of PGE's capacity needs in driving preferred portfolio resource additions (see "Reliability Needs Only" scenario discussion in April 25, 2025 Roundtable materials)

(2) Transmission risk adjustment incorporated in energy scoring

- Adjustment based on forecast of transmission availability for portion of generation in excess of LTF
- Continue to assign capacity value only for portion of resource with LTF (or eligible CF)

(3) Informational evaluation pathway for transmission non-conforming bids

- If Bidders propose alternative transmission plans and pricing, non-conforming bids will not be eligible for final shortlist
- Upon request, PGE will evaluate non-conforming bids to inform future analysis and approaches

PGE continues to expect Bidders to accept and manage long-term risks and operational responsibility associated with transmission. Commercial risks related to the availability of transmission are to be borne by the Bidder.

Transmission Requirements and Evaluation (2 of 2)

PGE's Draft RFP accepts delivery at four additional locations on BPA's system

(1) Bidders may deliver to PORs associated with Biglow, Clearwater, Tucannon and Wheatridge wind resources

- Delivery to these points does not excuse bidder from transmission requirements

(2) PGE will use its transmission rights to deliver to load

- Delivery will be accepted to the extent existing facilities are generating at less than their nameplate capacity

(3) Bid scoring will assess extent to which generation profiles are complementary

Execution Viability Assessment

Recent PGE initial and final shortlists have included projects with known execution viability risks, presenting a need for increased transparency of risks



Execution Viability: Sample Assessment Framework

Figure 1. Sample Draft Final Short List (Illustrative)

	Interconnection agreement	Transmission status	Permitting status	Credit requirements	Equipment supply plans	Construction plans
Bid 1	✓	✓	✓	✓	✓	✓
Bid 2	-	✓	✓	-	✓	-
Bid 3	✓	✓	✓	✓	✓	✓
Bid 4	✓	✓	✓	✓	✓	✓
Bid 5	✓	✓	✓	✓	-	✓

Escrow payment would be required to remain on FSL

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Next Steps

May 16, 2025 - Comments on Draft RFP + SMM

May 30, 2025 - PGE Reply comments

June 13, 2025 – IE Report on Draft RFP + SMM

June 30, 2025 – Staff Report on Draft RFP + SMM

July 10, 2025 - All party comment opportunity

July 22, 2025 - OPUC Special Public Meeting

Any questions for the PGE RFP team should be directed to rfp@pgn.com
(cc: 2025AS_PGE_IE@paconsulting.com)



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The right mix of energy resources in the right locations can help reduce reliance on fossil fuels and drive a cleaner resource mix in future years. PGE continues to show progress toward our 2030 emissions target by adding significant amounts of clean energy resources to our portfolio. PGE's All-Source Request for Proposal is a transparent, competitive process by which interested developers submit detailed project proposals for consideration as we continue to work to decarbonize Oregon's power supply.

PGE began work on the 2025 RFP while we continued to engage in contract negotiations with projects shortlisted in the previous effort, the 2023 RFP. Reflecting continuing needs for new resources, the 2025 RFP will seek the next tranche of renewable energy and capacity resources. These may include solar, wind, lithium-ion battery storage, and hybrid (renewable + storage) projects located within the state of Oregon and in the region more broadly.

PGE's RFP website is located at:
portlandgeneral.com/rfp

- Documents
- Calendar
- Questions and Answers (coming)

Questions and Next Steps

Following today's workshop, any questions for the PGE RFP team should be directed to rfp@pgn.com (cc: 2025AS_PGE_IE@paconsulting.com).

PGE will compile and publicly post submitted questions and responses.

