



We Energize Life
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OG&E Solar RFP

Bidders' Technical Conference
December 15, 2021

Meeting Procedures

- OG&E will go through this presentation about the RFP
- Bidders can submit questions through the Q&A feature on the Teams menu



- When submitting a question, please include your name and organization
- OG&E will respond to questions after the slide presentation is complete

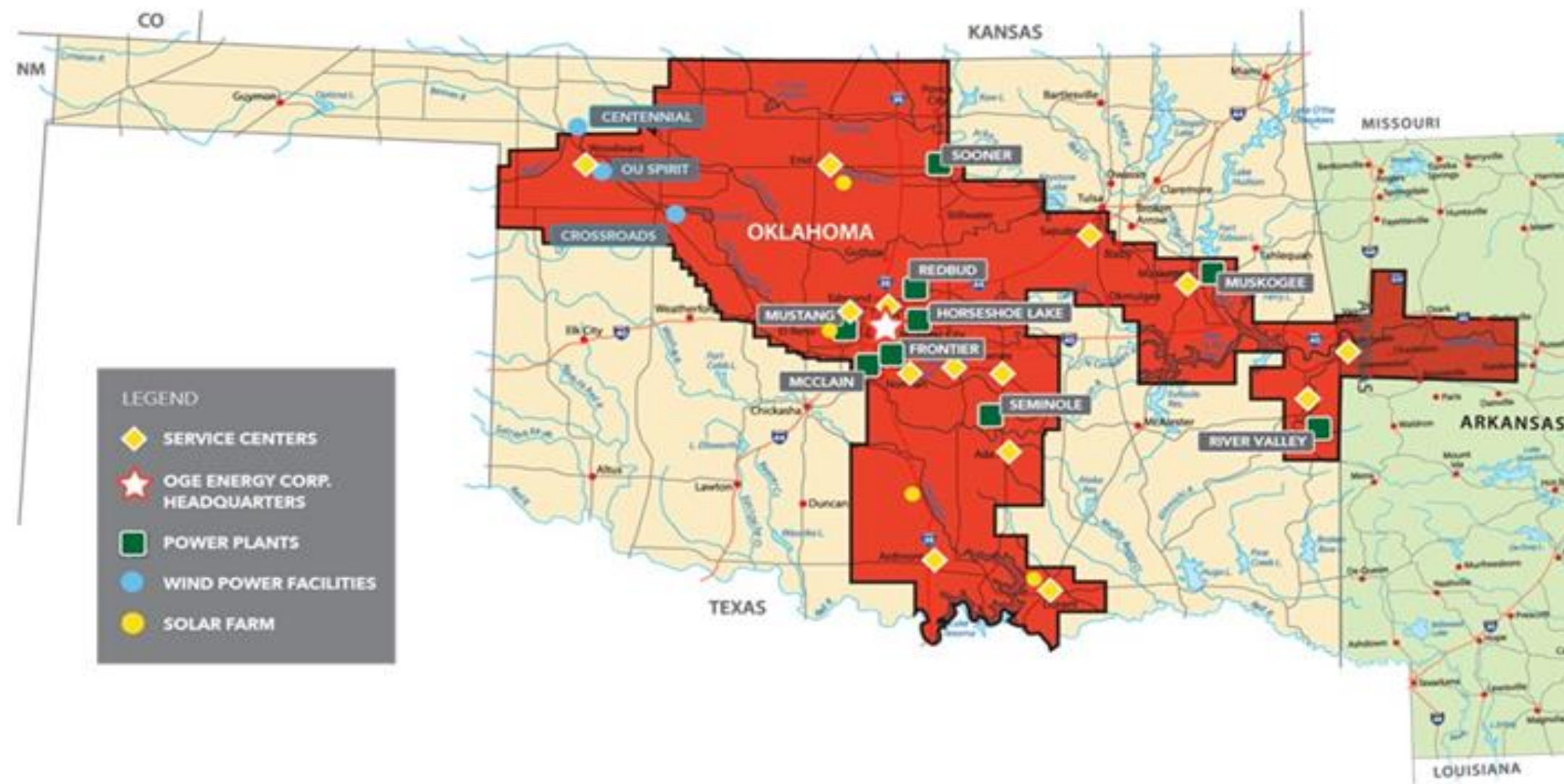


Agenda

- RFP and Technical Conference Purpose
- Introduction to OG&E
- Solar RFP
 - Overview
 - Details on Key Elements
 - Bid Submission Structure, Materials, and Process
 - Bid Evaluation Process
- 5-minute Break
- Questions and Answers

Introduction to OG&E

OG&E was formed in 1902 and is Oklahoma's oldest and largest investor-owned electric utility. OG&E serves more than 871,000 customers in 267 towns and cities in a 30,000 square mile area of Oklahoma and western Arkansas.



RFP and Technical Conference Purposes

RFP

- The purpose of this RFP is to secure solar resources identified in the Preferred Plan selected through OG&E's 2021 Integrated Resource Plan (IRP)
- This Solar RFP supports execution of OG&E's 2021 IRP 5-year Action Plan, which identified solar resources to address future capacity needs

Evaluation Consultant to OG&E



Role:

ICF will provide critical expertise in developing RFP documents, responding to Bidder questions, supporting the threshold evaluation of Bids and will lead the qualitative evaluation of Bids. ICF performed similar roles on OG&E's 2018 Capacity RFP.

Confidentiality

Bids submitted in response to this RFP, and any contracts resulting from this RFP, will be treated as confidential. Nonetheless, Bidders should be aware that information received in response to the RFP may be subject to review by applicable regulatory agencies. Information submitted in response to the RFP may become subject to federal or state laws pertaining to public access to information as a result of any reviews conducted by the Oklahoma Corporation Commission, the Arkansas Public Service Commission and the Federal Energy Regulatory Commission. As such, Bidders should clearly designate all sensitive information as “Confidential.” Except as required by regulatory reviews, OG&E will use reasonable efforts to avoid disclosure of such confidential information to persons other than those involved with the evaluation, selection, and any subsequent negotiations.

Solar RFP Overview

Technologies	Solar and Solar/Battery Hybrid
In-Service Dates	Between May 2, 2022, and May 1, 2025
Capacity	Between 50 MW and 450 MW nameplate with a preference for no more than 150 MW capacity annually
Multi-Year Bids	Bids that include in-service dates in more than one year are allowed
Location	SPP with a preference for resources in OG&E's service territory
Interconnection Status	Resources active in the SPP Generator Interconnection Queue Cluster 2017-002 or Earlier
Structure	Build-Transfer Agreement
Affiliate Bid	OG&E will not bid into this RFP

Solar RFP Timeline

Item	Date
Draft RFP Issue Date	November 19, 2021
Draft RFP Technical Conference	December 15, 2021
RFP Final Issue Date (expected)	January 4, 2022
Questions Deadline	February 22, 2022
Notice of Intent to Bid Due Date	February 25, 2022
Bid Due Date	March 3, 2022
Bid Opening Day	March 4, 2022
Selection of Projects for Negotiation (expected)	April 20, 2022
Complete Negotiations (expected)	May 6, 2022

RFP Website

RFP Website:

RFP documents are posted at: [OG&E - Suppliers & Contractors \(oge.com\)](https://www.oge.com)

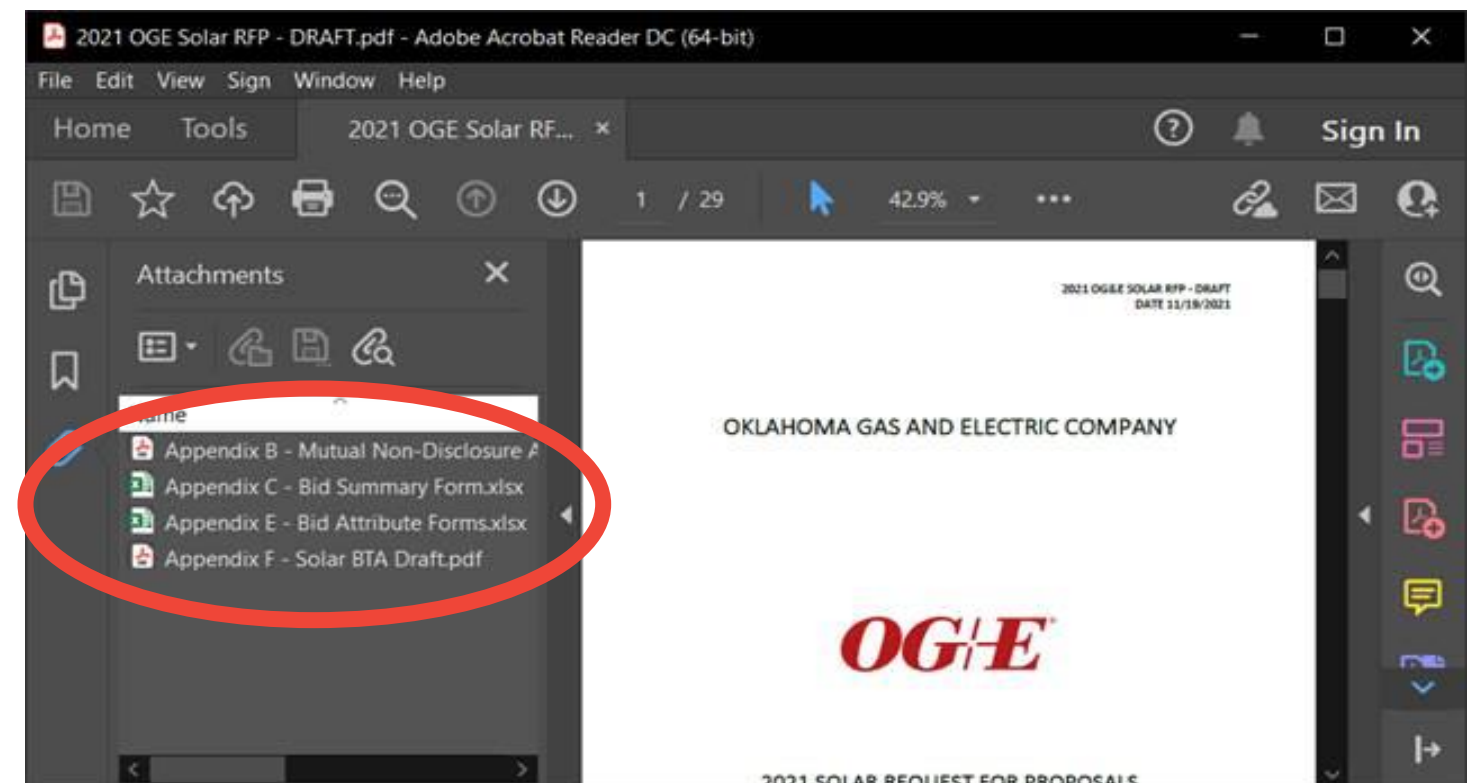
Current Opportunities

In some cases, we'll issue Requests for Proposals or Requests for Information for specific projects we're planning to undertake.

[RFI for Natural Gas Storage](#)

[2021 OGE Solar RFP - DRAFT](#)

Technology Note: Download the RFP document and open in Adobe Acrobat to access all embedded Appendices and Forms



RFP Q&A procedures

RFP Questions and Answers:

Prospective Bidders are encouraged to submit questions about this RFP via email to 2021SolarRFPCommunications@oge.com on or before the February 22, 2022, deadline for submission of questions. All questions, and responses to those questions, will be posted to the “RFP Website” ([OG&E - Suppliers & Contractors \(oge.com\)](#)) within five (5) business days after receipt of the question, to the best of OG&E’s capabilities. Questions submitted will not be treated as confidential, and the question and answer may be shared for the benefit of other interested parties via the RFP Website. However, Bidder names will not be included in question-and-answer material posted to the RFP Website.

RFP DETAILS

RFP Details

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RFP Details - Technologies

Technologies

Solar and Solar/Battery Hybrid

OG&E will accept offers for Project types:

- Solar photovoltaic (PV)
- Co-located solar PV combined with an energy storage system
- Co-located energy storage system requirements:
 - Minimum duration of four (4) hours
 - No minimum power capacity
 - Maximum power capacity equal to the lesser of
 - Nameplate capacity of co-located PV Generation Facility or
 - Maximum of 450 MW minus the PV capacity of the co-located Generation Facility

RFP Details – In-Service Dates

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In-Service Dates

In-Service Dates Between May 2, 2022, and May 1, 2025

In-Service Year	Commercial Operation Dates
2022	May 2, 2022 – December 31, 2022
2023	January 1, 2023 – May 1, 2023
2024	May 2, 2023 – May 1, 2024
2025	May 2, 2024 – May 1, 2025

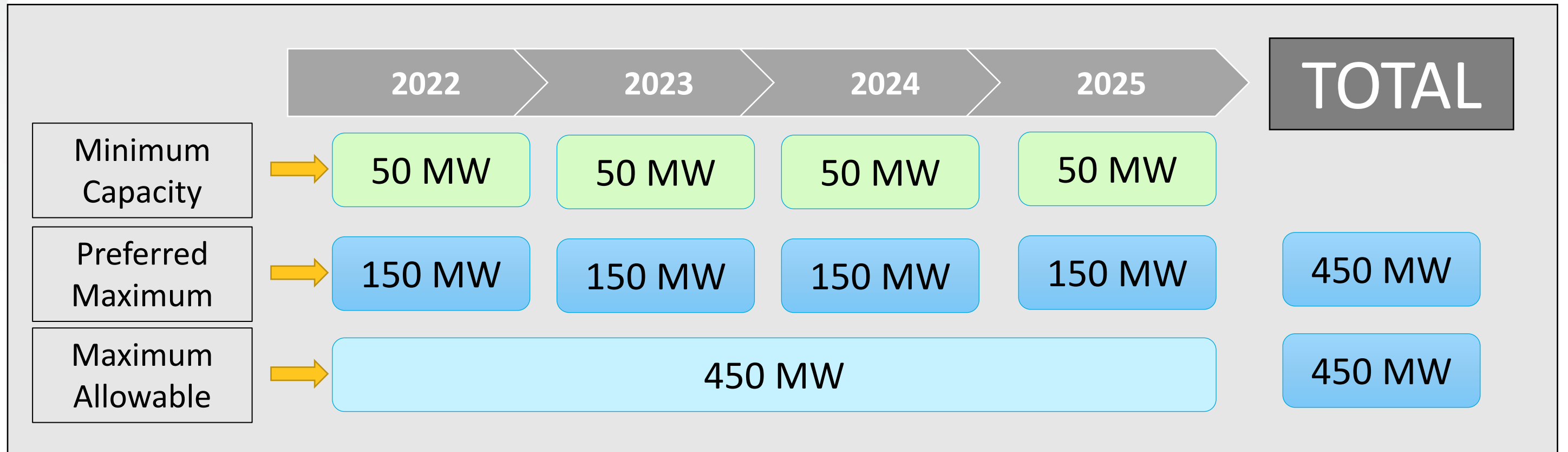
Commercial operation dates reflect allowable in-service dates for capacity accreditation timing.

RFP Details – Capacity and Development

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Project Capacity and Timing

Capacity	Between 50 MW and 450 MW nameplate with a preference for no more than 150 MW capacity annually
Multi-Year Bids	Bids that include in-service dates in more than one year are allowed



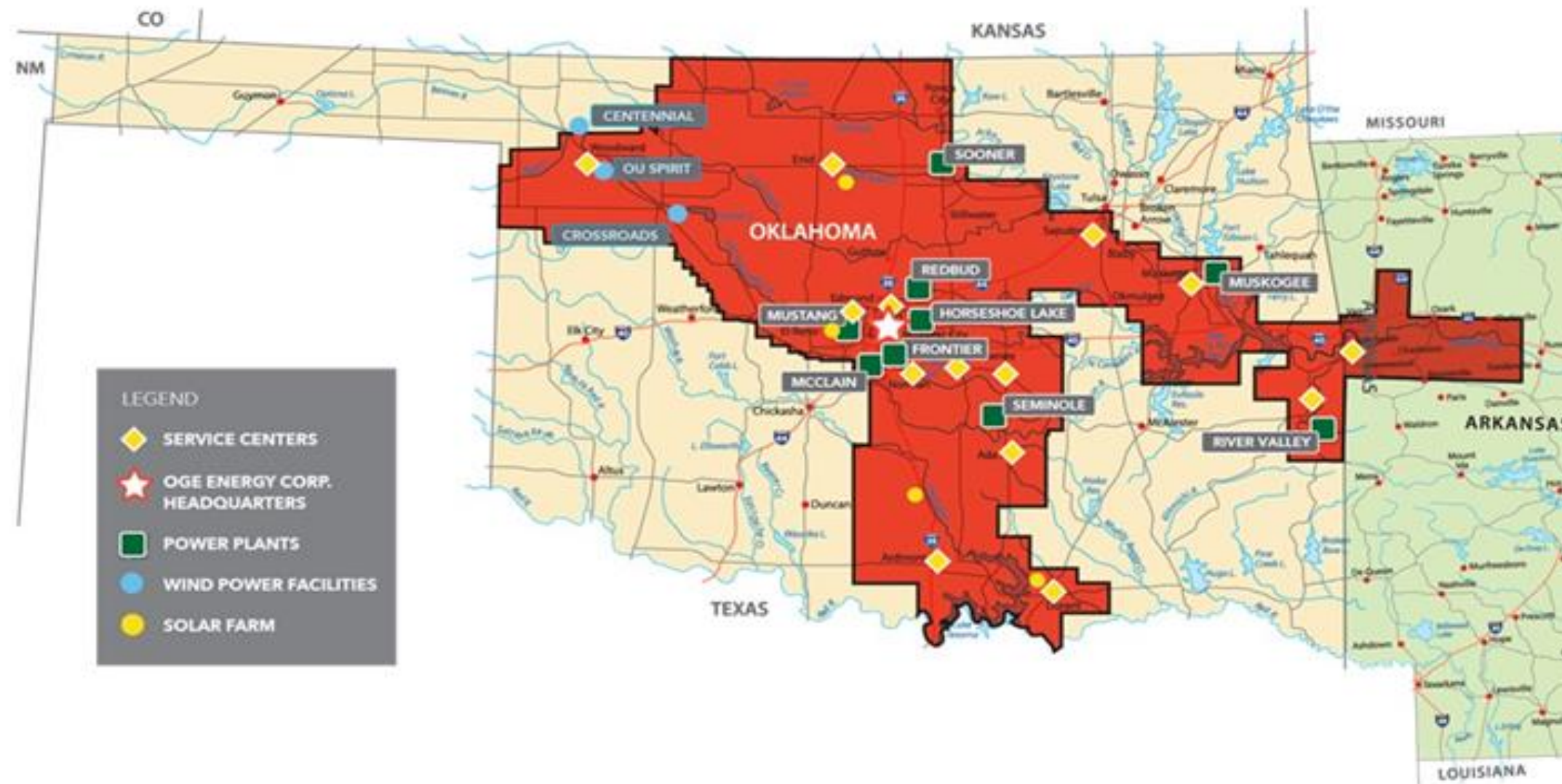
RFP Details - Location

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Location

Location

SPP with a preference for resources in OG&E's service territory



RFP Details – Interconnection Status

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Interconnection Status

Interconnection Status	Resources active in the SPP Generator Interconnection Queue Cluster 2017-002 or Earlier
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Study Clusters
2014-001 or earlier
2014-002
2015-001
2015-002
2016-001
2016-002
2017-001
2017-002

Acceptable

2018-001
2018-002
2019-001
2019-002
2020-001
2020-002
2021-001
2021-002

Not Allowed

RFP Details – Contract Structure

Technologies	Solar and Solar/Battery Hybrid
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Build-Transfer Agreement

Structure

Build-Transfer Agreement

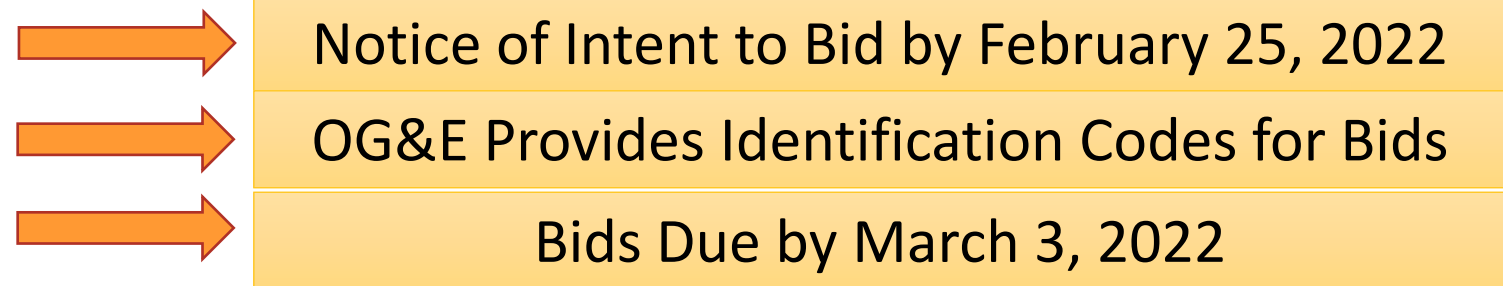
- Form Build-Transfer agreement is embedded in the RFP pdf document
- Bidders offering co-located solar and storage projects should redline the BTA appropriately for hybrid projects

RFP Details – Affiliate Bid

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RFP RESPONSES

Response Structure



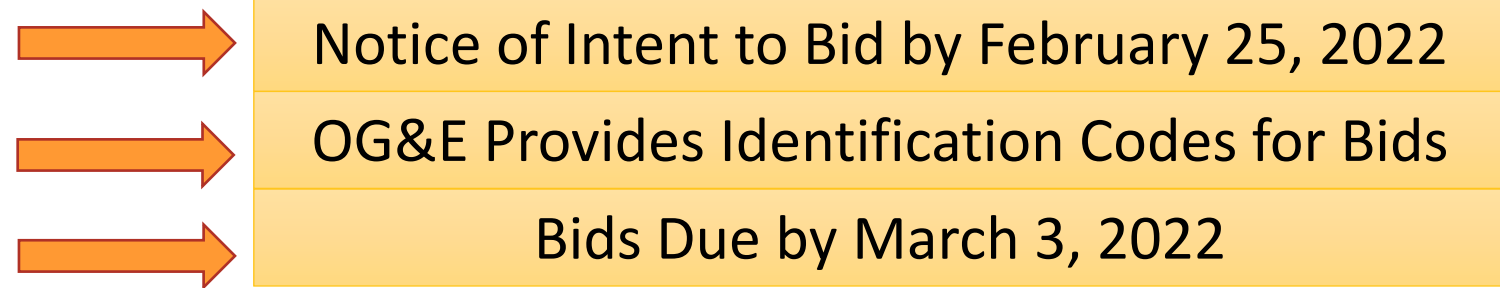
Completed Bid Package must contain:

- Mutual Non-Disclosure Agreement
- Bid Summary Form for use in Bid Opening
- Bid Narrative Topics as outlined in RFP section 2.2.3
- Bid Certification and Attribute Forms as outlined in RFP section 2.2.4
- Additional Attachments (listed on next slide)
- Redline of Form BTA

Additional Notes:

- No more than six (6) Bids can be submitted per Site
- To reduce administrative requirements for Bidders, certain materials can be submitted once per Bidder or once per Site
 - Other materials must be submitted for each Bid
- There is no Bid submission fee

Response Structure (cont.)

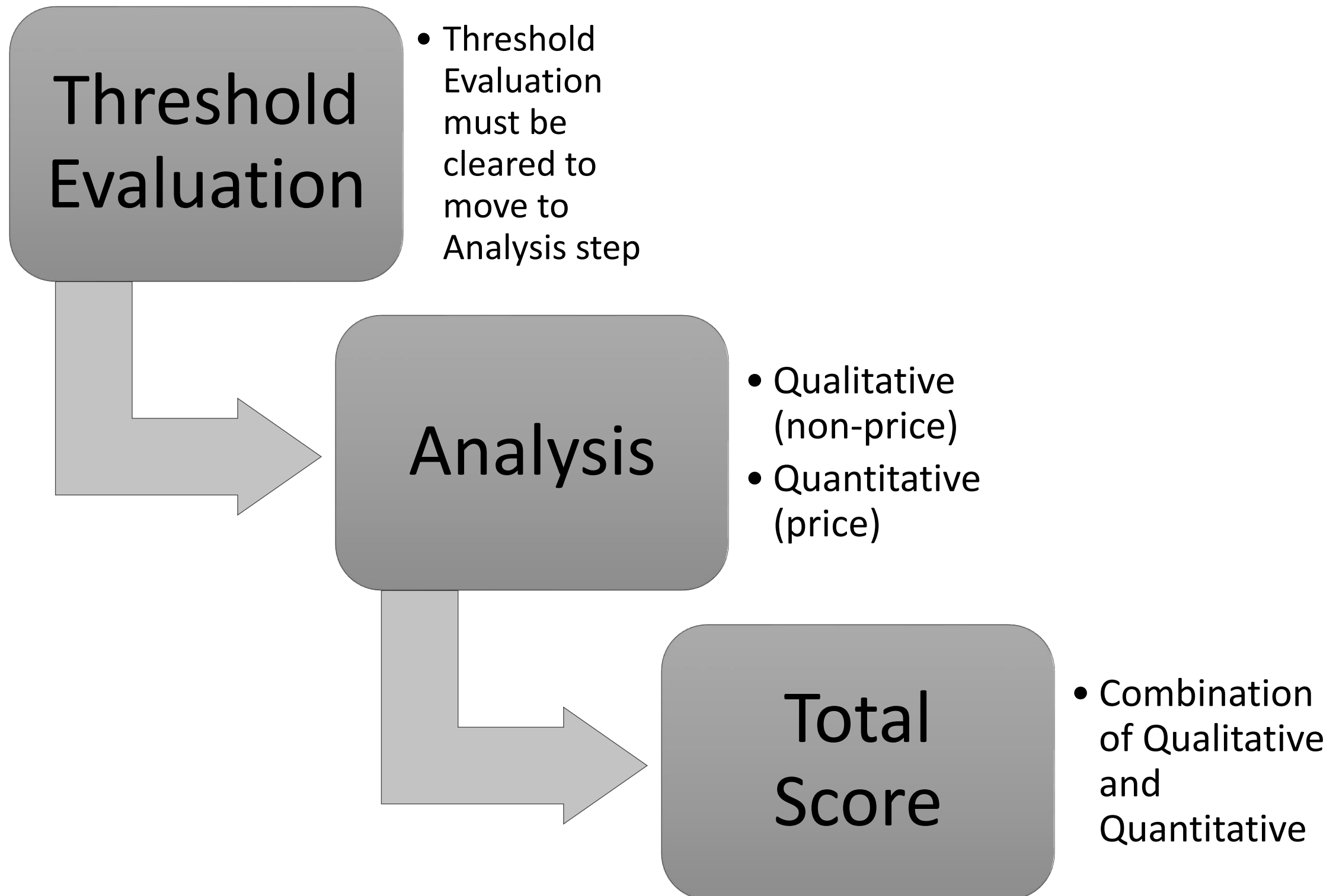


Completed Bid Package must contain:

- Additional Required Attachments
 - i. Solar Irradiance Study Report with annual and monthly energy output projections
 - ii. Hourly (8760) annual electricity output profile for the first year of Project operation
 - iii. Hourly storage charging schedule (for hybrid Bids only)
 - iv. USGS-based maps of Project and equipment
 - v. Copies of all land-rights agreements
 - vi. A copy of bidder's preliminary transmission interconnection study
 - vii. Risk reports and mitigation plans
 - viii. If available, reactive power capability curve
 - ix. Audited financial statements for the last three (3) years for Bidder and guarantor (if applicable)
 - x. Pro-forma construction and operations worksheets
 - xi. Financial agency rating reports

BID EVALUATION

Bid Evaluation



Threshold Evaluation

PV Capacity	Energy Storage Capacity	In-Service Date	Contract Type
Product Type	Location	SPP Interconnection Queue Position	Property Site Control
Experience	Bidder Financial Capability	Completeness	Unconditional

Qualitative Analysis (30% of Total Score)

Contract Risks, Costs, and Benefits (10%)

- Firm Price
- Contract Assignment
- Form BTA Redlines

Overall Project Characteristics and Development Risks (15%)

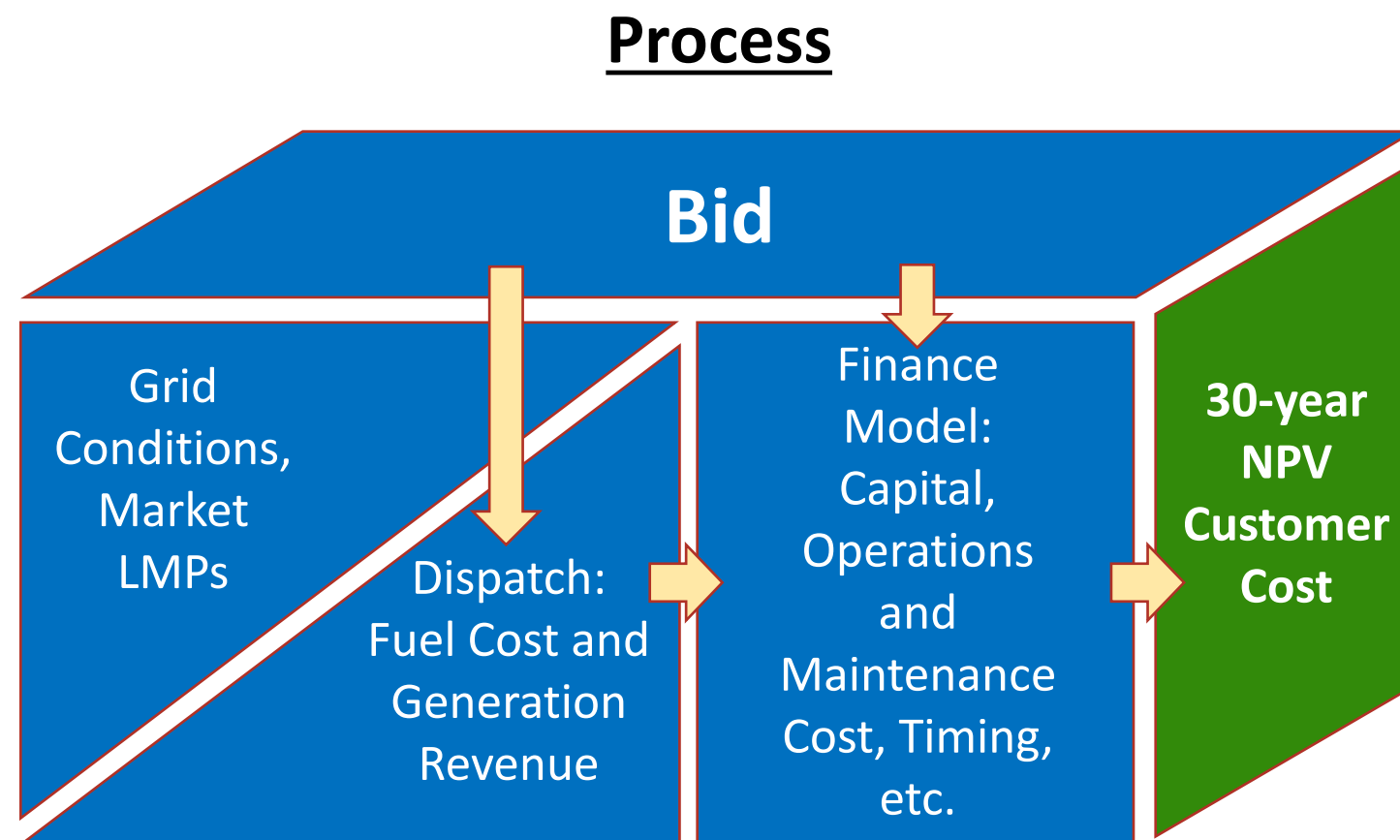
- Capacity Security
- O&M Plan and Protection against Risks
- Critical Path Schedule, Site Control, and Bidder Experience
- Financing Capability
- Technology

Community and Environmental Impacts (5%)

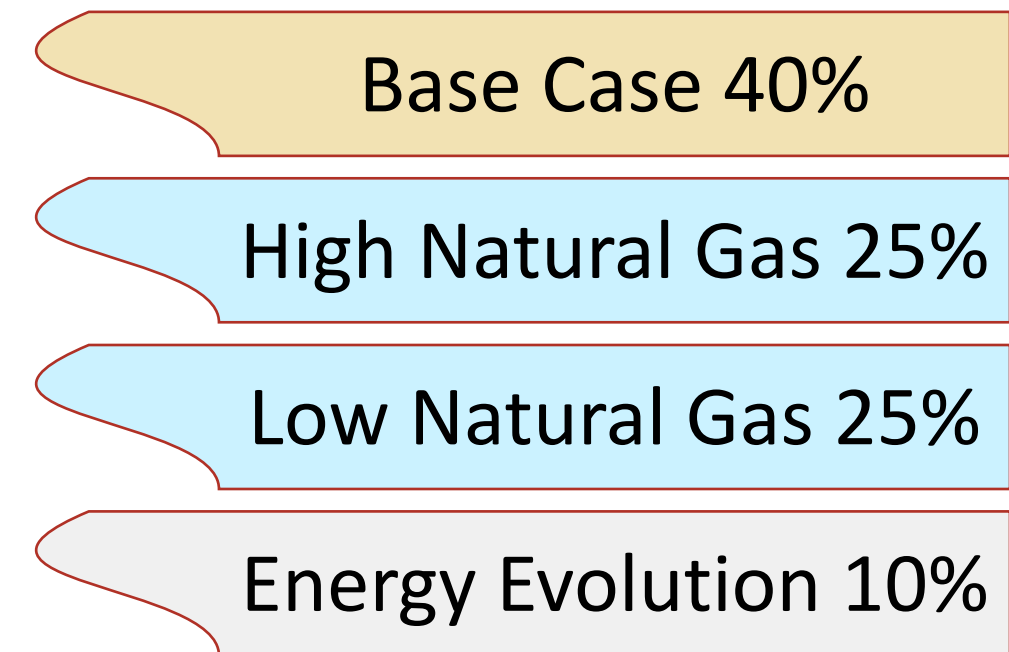
- Community Impacts
- Environmental Impacts

Quantitative Analysis (70% of Total Score)

OG&E will evaluate all Bids based on the expected customer impact resulting from detailed simulation modeling utilizing scenarios and sensitivities described in the OG&E 2021 IRP.



Apply Weighted-Average of Market Conditions



Project Selection

Results of the Quantitative and Qualitative analysis will be combined into a single evaluation score for each Bid that passes the threshold evaluation

OG&E may select the top-ranking Bid based on the combined qualitative and quantitative score from among Bids received for each of the eligible In-Service Date Years (2022, 2023, 2024, and/or 2025), or may select multiple bids for each of those years to comprise a portfolio able to satisfy OG&E's need.



Break to collect questions

Questions and Answers



Further Questions

Questions and Answers

All additional questions regarding the RFP should be submitted to:

2021SolarRFPCommunications@oge.com