



We Energize Life



OG&E 2022 Solar RFP (Re-issue)

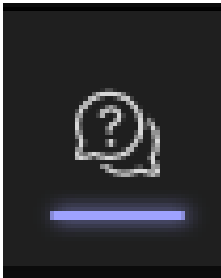
Bidders' Technical Conference

October 7, 2022



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



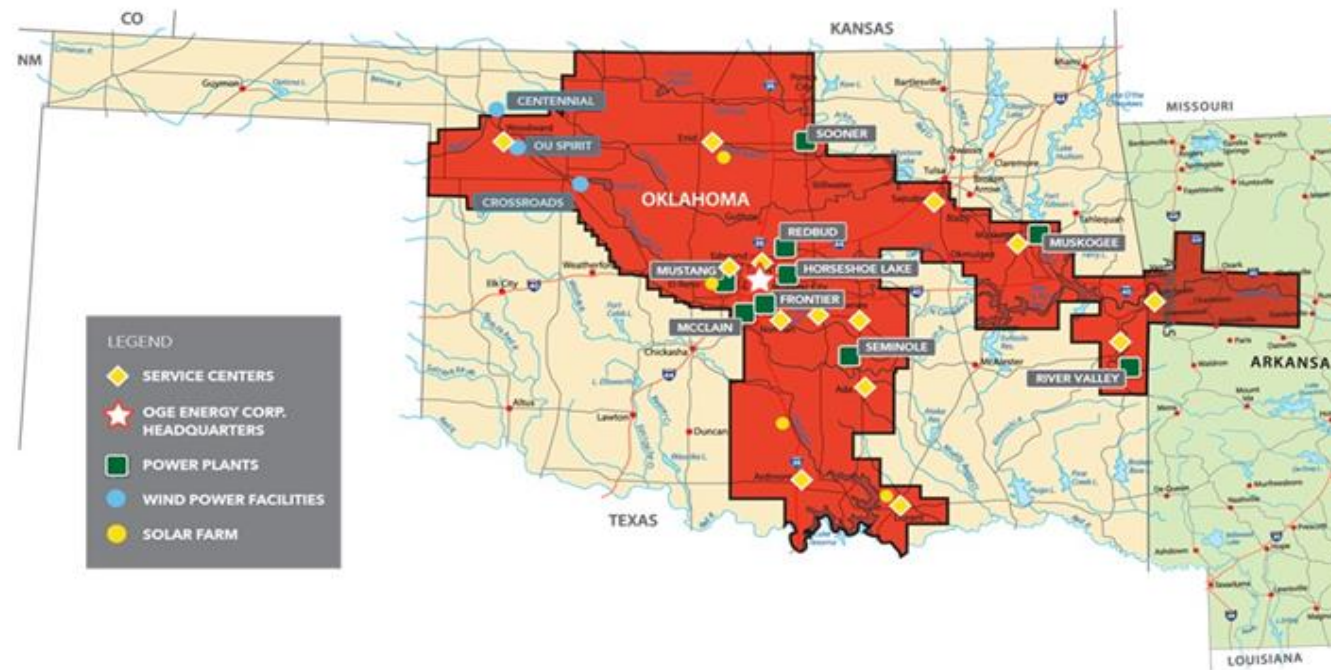
- When submitting a question, please include your name and organization
- OG&E will respond to questions after the slide presentation is complete

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
- This Solar RFP supports execution of OG&E's 2021 Integrated Resource Plan (IRP) 5-year Action Plan, which identified solar resources as part of OG&E's plan to address future capacity needs
- This RFP is a re-issue of the 2021 Solar RFP which extends the in-service date requirements and Generator Interconnection Queue requirements

Evaluation Consultant to OG&E



www.icf.com

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

Capacity	Minimum of 50 megawatts (“MW”) and maximum of 450 MW nameplate.
In-Service Date	OG&E is seeking that Solar-only Project or Hybrid Project capacity be available to satisfy OG&E’s resource adequacy obligations starting in 2023. Facilities may be placed in service as early as 2023 but must be in service no later than May 1, 2027, with a preference for earlier in-service dates.
Capacity Types	PV or PV co-located with energy storage.
Contract Type	Build-Transfer Agreement.
Location	SPP, with preference for OG&E’s service territory in Oklahoma and Arkansas.
Interconnection Status	Bids must be for an individual Solar-only Project, or a co-located Hybrid Project and must be active in SPP DISIS 2021-001 or an earlier SPP DISIS study.
Affiliate Bid	OG&E will not bid into this RFP.

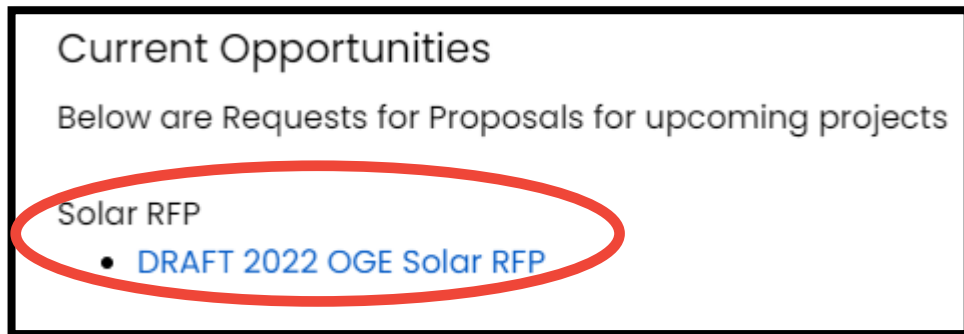
Solar RFP Timeline

Item	Date
Draft RFP Issue Date	September 22, 2022
Draft RFP Technical Conference	October 7, 2022
RFP Final Issue Date (expected)	October 11, 2022
Questions Deadline	November 1, 2022
Notice of Intent to Bid Due Date	November 2, 2022
Bid Due Date	November 3, 2022
Bid Opening Day	November 4, 2022
Selection of Projects for Negotiation (expected)	January 13, 2023
Complete Negotiations (expected)	May 1, 2023

RFP Website

RFP Website:

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



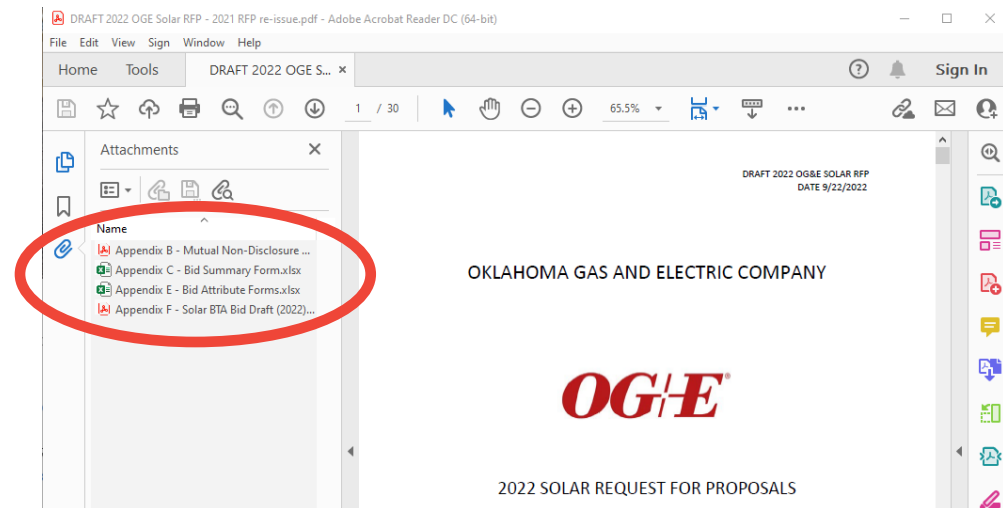
Current Opportunities

Below are Requests for Proposals for upcoming projects

Solar RFP

- [DRAFT 2022 OGE Solar RFP](#)

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



DRAFT 2022 OGE Solar RFP - 2021 RFP re-issue.pdf - Adobe Acrobat Reader DC (64-bit)

File Edit View Sign Window Help

Home Tools DRAFT 2022 OGE S... x

1 / 30 65.5%

Attachments

- Appendix B - Mutual Non-Disclosure ...
- Appendix C - Bid Summary Form.xlsx
- Appendix E - Bid Attribute Forms.xlsx
- Appendix F - Solar BTA Bid Draft (2022)...

DRAFT 2022 OGBE SOLAR RFP
DATE 9/22/2022

OKLAHOMA GAS AND ELECTRIC COMPANY

OG&E

2022 SOLAR REQUEST FOR PROPOSALS

RFP Q&A Procedures

RFP Questions and Answers:

Prospective Bidders are encouraged to submit questions about this RFP via email to Solar2022RFPComm@oge.com on or before the November 1, 2022, deadline for submission of questions. All questions, and responses to those questions, will be posted to the “RFP Website” ([OG&E - Suppliers & Contractors \(oge.com\)](https://www.oge.com/OG&E-Suppliers-Contractors)) 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 the question-and-answer material posted to the RFP Website.



RFP DETAILS

RFP Details – Capacity

Capacity	Minimum of 50 megawatts (“MW”) and maximum of 450 MW nameplate.
In-Service Date	OG&E is seeking that Solar-only Project or Hybrid Project capacity be available to satisfy OG&E’s resource adequacy obligations starting in 2023. Facilities may be placed in service as early as 2023 but must be in service no later than May 1, 2027, with a preference for earlier in-service dates.
Capacity Types	PV or PV co-located with energy storage.
Contract Type	Build-Transfer Agreement.
Location	SPP, with preference for OG&E’s service territory in Oklahoma and Arkansas.
Interconnection Status	Bids must be for an individual Solar-only Project, or a co-located Hybrid Project and must be active in SPP DISIS 2021-001 or an earlier SPP DISIS study.
Affiliate Bid	OG&E will not bid into this RFP.

RFP Details – In-Service Date

Capacity	Minimum of 50 megawatts (“MW”) and maximum of 450 MW nameplate.
In-Service Date	OG&E is seeking that Solar-only Project or Hybrid Project capacity be available to satisfy OG&E’s resource adequacy obligations starting in 2023. Facilities may be placed in service as early as 2023 but must be in service no later than May 1, 2027, with a preference for earlier in-service dates.
Capacity Types	PV or PV co-located with energy storage.
Contract Type	Build-Transfer Agreement.
Location	SPP, with preference for OG&E’s service territory in Oklahoma and Arkansas.
Interconnection Status	Bids must be for an individual Solar-only Project, or a co-located Hybrid Project and must be active in SPP DISIS 2021-001 or an earlier SPP DISIS study.
Affiliate Bid	OG&E will not bid into this RFP.

In-Service Date

In-Service Date

OG&E is seeking that Solar-only Project or Hybrid Project capacity be available to satisfy OG&E's resource adequacy obligations starting in 2023. Facilities may be placed in service as early as 2023 but must be in service no later than May 1, 2027, with a preference for earlier in-service dates.

In-Service Year	Commercial Operation Dates
2023	January 1, 2022 – May 1, 2023
2024	May 2, 2023 – May 1, 2024
2025	May 2, 2024 – May 1, 2025
2026	May 2, 2025 – May 1, 2026
2027	May 2, 2026 – May 1, 2027

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

RFP Details – Capacity Types

Capacity	Minimum of 50 megawatts (“MW”) and maximum of 450 MW nameplate.
In-Service Date	OG&E is seeking that Solar-only Project or Hybrid Project capacity be available to satisfy OG&E’s resource adequacy obligations starting in 2023. Facilities may be placed in service as early as 2023 but must be in service no later than May 1, 2027, with a preference for earlier in-service dates.
Capacity Types	PV or PV co-located with energy storage.
Contract Type	Build-Transfer Agreement.
Location	SPP, with preference for OG&E’s service territory in Oklahoma and Arkansas.
Interconnection Status	Bids must be for an individual Solar-only Project, or a co-located Hybrid Project and must be active in SPP DISIS 2021-001 or an earlier SPP DISIS study.
Affiliate Bid	OG&E will not bid into this RFP.

Capacity Types

Capacity Types

PV or PV co-located with energy storage.

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 – Contract Type

Capacity	Minimum of 50 megawatts (“MW”) and maximum of 450 MW nameplate.
In-Service Date	OG&E is seeking that Solar-only Project or Hybrid Project capacity be available to satisfy OG&E’s resource adequacy obligations starting in 2023. Facilities may be placed in service as early as 2023 but must be in service no later than May 1, 2027, with a preference for earlier in-service dates.
Capacity Types	PV or PV co-located with energy storage.
Contract Type	Build-Transfer Agreement.
Location	SPP, with preference for OG&E’s service territory in Oklahoma and Arkansas.
Interconnection Status	Bids must be for an individual Solar-only Project, or a co-located Hybrid Project and must be active in SPP DISIS 2021-001 or an earlier SPP DISIS study.
Affiliate Bid	OG&E will not bid into this RFP.

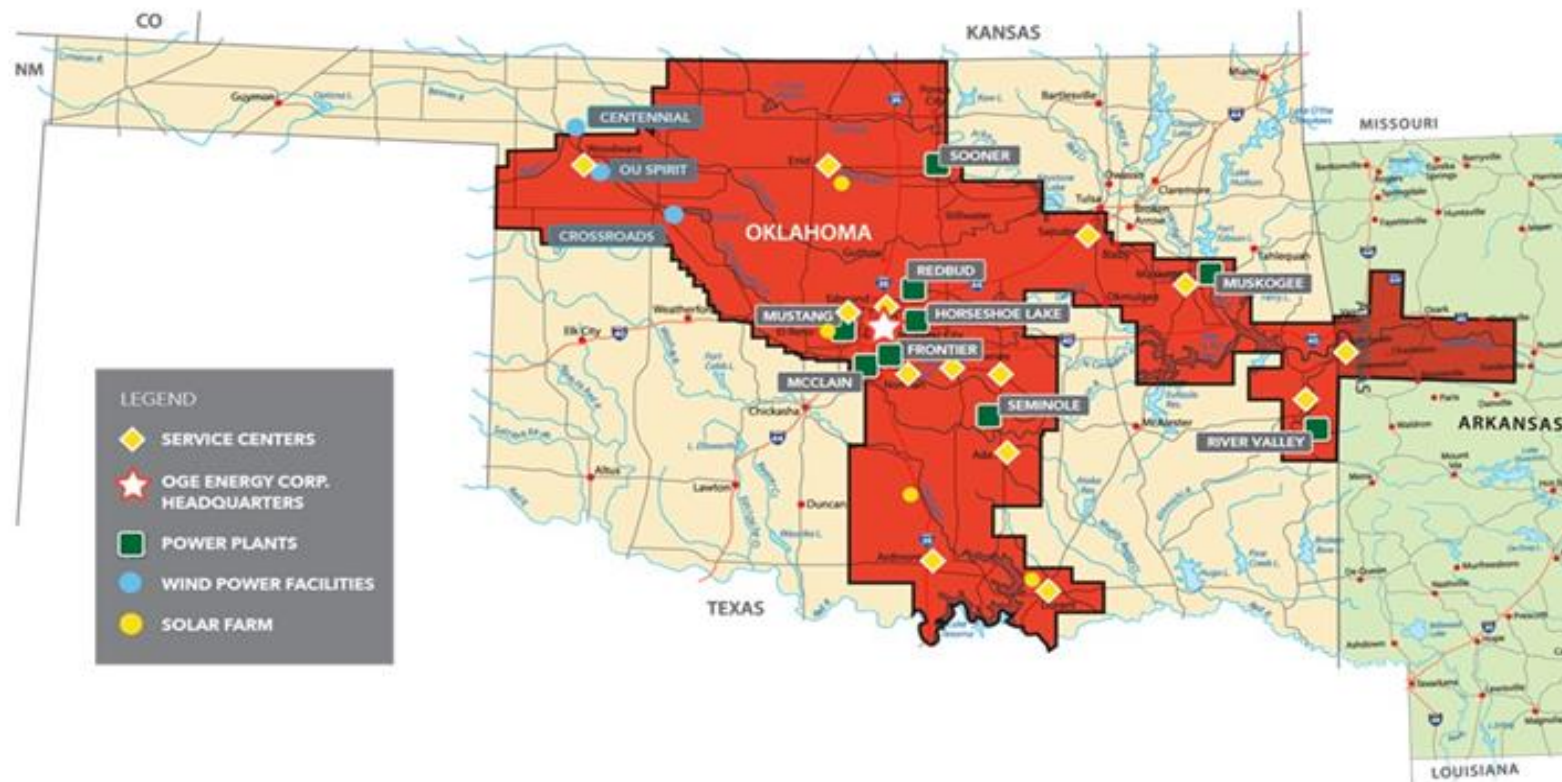
RFP Details – Location

Capacity	Minimum of 50 megawatts (“MW”) and maximum of 450 MW nameplate.
In-Service Date	OG&E is seeking that Solar-only Project or Hybrid Project capacity be available to satisfy OG&E’s resource adequacy obligations starting in 2023. Facilities may be placed in service as early as 2023 but must be in service no later than May 1, 2027, with a preference for earlier in-service dates.
Capacity Types	PV or PV co-located with energy storage.
Contract Type	Build-Transfer Agreement.
Location	SPP, with preference for OG&E’s service territory in Oklahoma and Arkansas.
Interconnection Status	Bids must be for an individual Solar-only Project, or a co-located Hybrid Project and must be active in SPP DISIS 2021-001 or an earlier SPP DISIS study.
Affiliate Bid	OG&E will not bid into this RFP.

Location

Location

SPP, with preference for OG&E's service territory in Oklahoma and Arkansas.



RFP Details – Interconnection Status

Capacity	Minimum of 50 megawatts (“MW”) and maximum of 450 MW nameplate.
In-Service Date	OG&E is seeking that Solar-only Project or Hybrid Project capacity be available to satisfy OG&E’s resource adequacy obligations starting in 2023. Facilities may be placed in service as early as 2023 but must be in service no later than May 1, 2027, with a preference for earlier in-service dates.
Capacity Types	PV or PV co-located with energy storage.
Contract Type	Build-Transfer Agreement.
Location	SPP, with preference for OG&E’s service territory in Oklahoma and Arkansas.
Interconnection Status	Bids must be for an individual Solar-only Project, or a co-located Hybrid Project and must be active in SPP DISIS 2021-001 or an earlier SPP DISIS study.
Affiliate Bid	OG&E will not bid into this RFP.

Interconnection Status

Interconnection Status

Bids must be for an individual Solar-only Project, or a co-located Hybrid Project and must be active in SPP DISIS 2021-001 or an earlier SPP DISIS study.

Eligible Study Clusters

2017-002 or earlier

2018-001

2018-002

2019-001

2020-001

2021-001

2022-001

Bidders are required to submit a copy of the preliminary transmission interconnection study completed by SPP (if available). If this is not available, Bidder must submit a comparable study conducted by an independent engineer and identify the planned governing interconnection type as defined by SPP OATT Attachment V. Examples include Network Resource Interconnection Service, Surplus Interconnection Service, Generating Facility Replacement, etc.

Detailed requirements are specified in Section 2.2.5 of the Draft 2022 Solar RFP.

RFP Details – Affiliate Bid

Capacity	Minimum of 50 megawatts (“MW”) and maximum of 450 MW nameplate.
In-Service Date	OG&E is seeking that Solar-only Project or Hybrid Project capacity be available to satisfy OG&E’s resource adequacy obligations starting in 2023. Facilities may be placed in service as early as 2023 but must be in service no later than May 1, 2027, with a preference for earlier in-service dates.
Capacity Types	PV or PV co-located with energy storage.
Contract Type	Build-Transfer Agreement.
Location	SPP, with preference for OG&E’s service territory in Oklahoma and Arkansas.
Interconnection Status	Bids must be for an individual Solar-only Project, or a co-located Hybrid Project and must be active in SPP DISIS 2021-001 or an earlier SPP DISIS study.
Affiliate Bid	OG&E will not bid into this RFP.



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 four (4) 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



Notice of Intent to Bid by November 2, 2022



OG&E Provides Identification Codes for Bids



Bids Due by November 3, 2022

Response Structure (cont.)



Notice of Intent to Bid by November 2, 2022



OG&E Provides Identification Codes for Bids



Bids Due by November 3, 2022

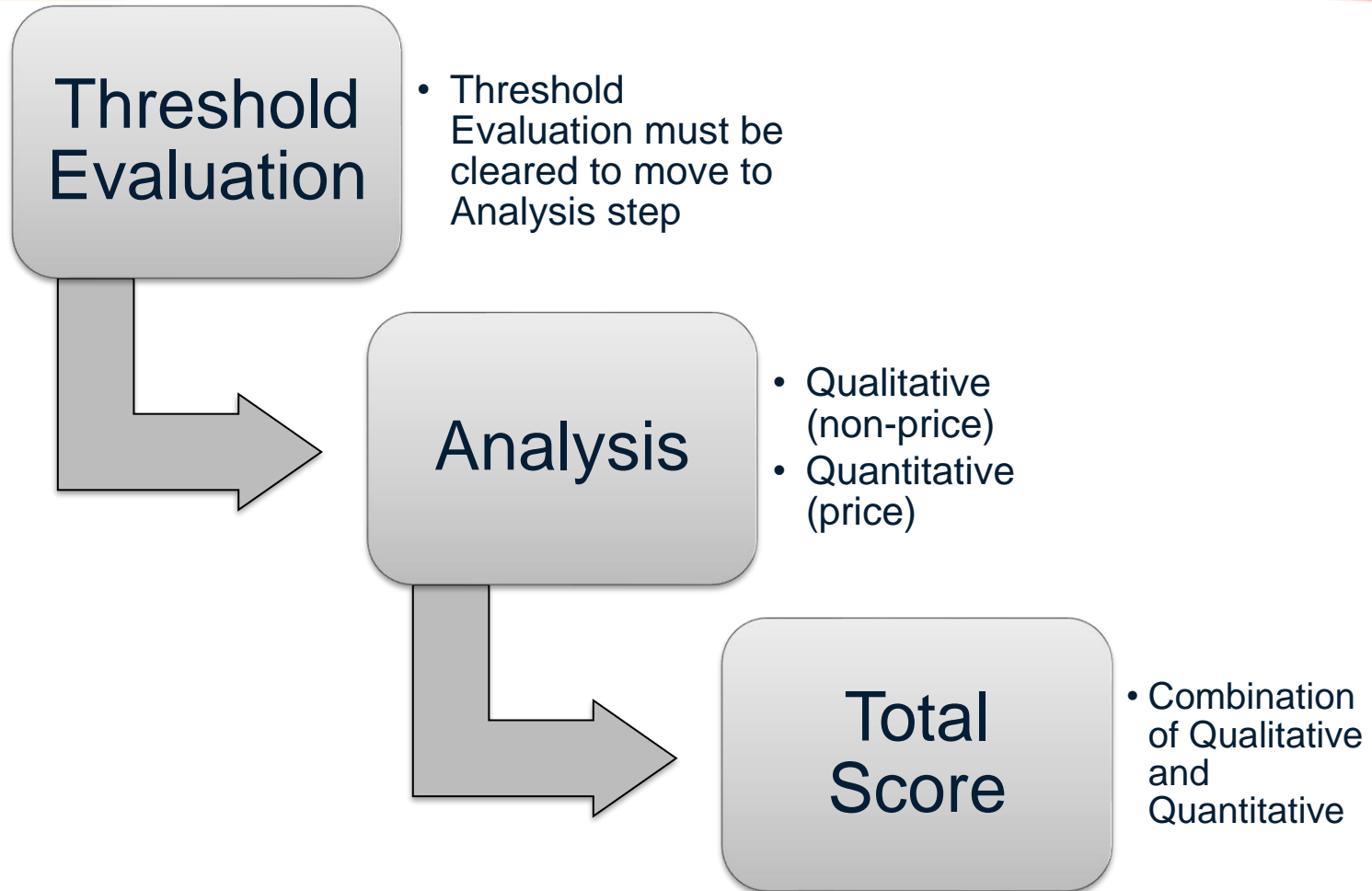
Completed Bid Package must contain:

- 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) for the first year of Project operation
 - iv. USGS-based maps of Project and equipment
 - v. A copy of bidder's preliminary transmission interconnection study (if available)
 - vi. If applicable, identify the applicable section of the SPP Open Access Tariff Attachment V that would govern the interconnection of the Project and provide a comparable study to the SPP interconnection study, performed by an independent engineer
 - vii. Risk reports and mitigation plans
 - viii. If applicable, reactive power capability curve
 - ix. Audited financial statements for the last three (3) years for Bidder and guarantor (if applicable)
 - x. 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%)

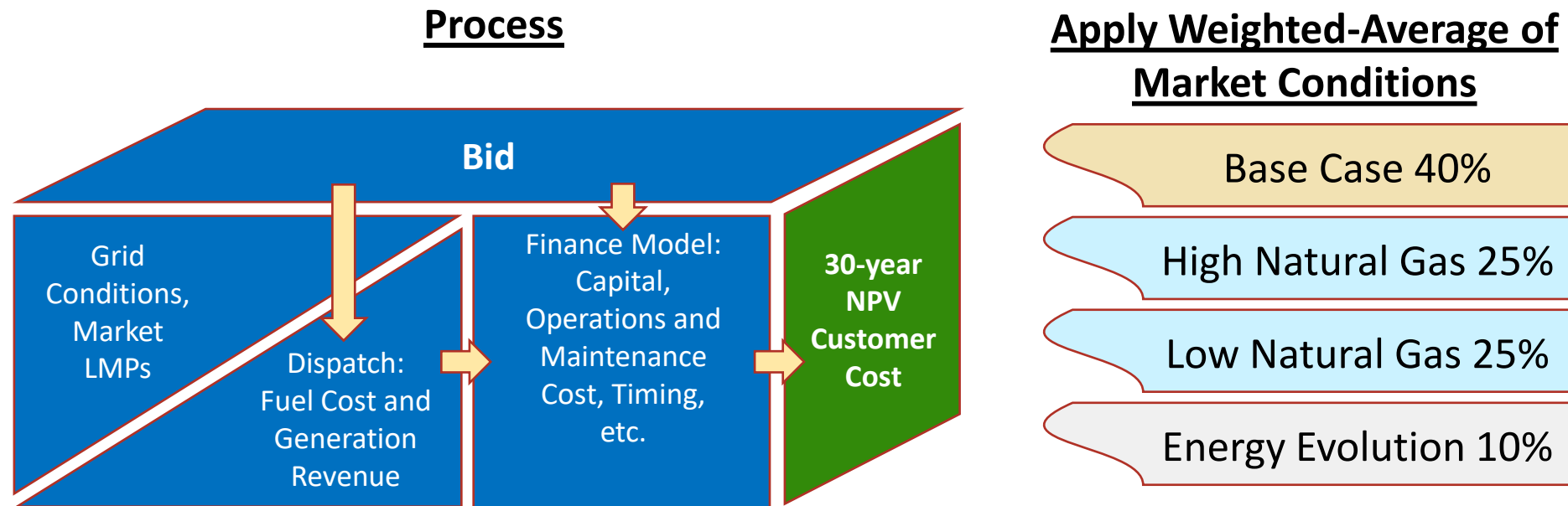
- Capacity Security
- O&M Plan and Protection against Risks
- Critical Path Schedule, Site Control, and Bidder Experience
- Financing Capability
- Technology

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 similar to those described in the OG&E 2021 IRP.



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 (2023, 2024, 2025, 2026, and/or 2027), or may select one or multiple bids for any combination of those years to comprise a portfolio able to satisfy OG&E's needs.



Break to collect questions



Questions and Answers

Further Questions



Questions and Answers

All additional questions regarding the RFP
should be submitted to:

Solar2022RFPComm@oge.com