




We Energize Life

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2024 All Source RFP

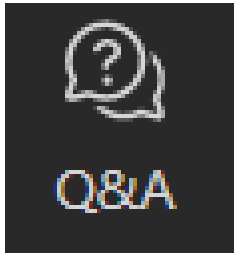
Technical Conference

May 21, 2024

A series of overlapping, wavy lines in white, yellow, orange, and red, spanning the width of the slide and positioned above the date.

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



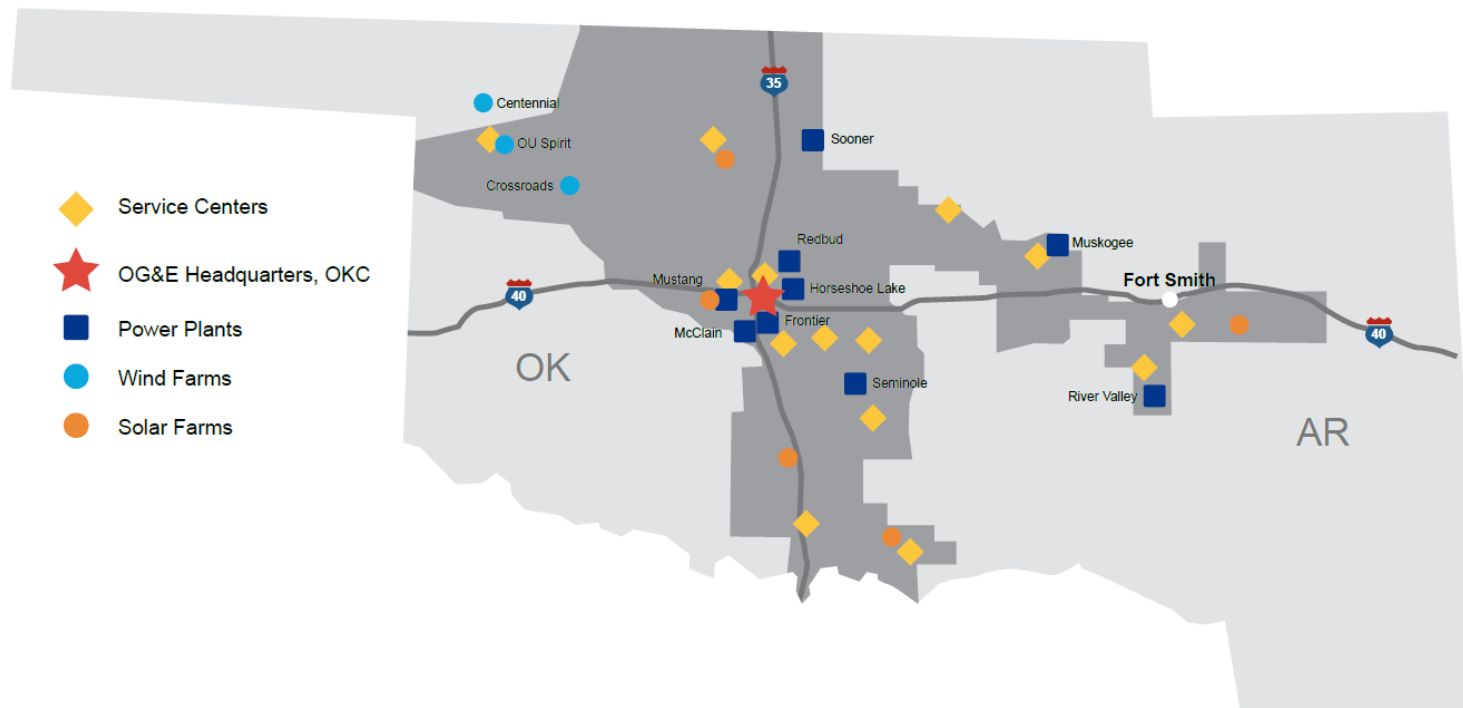
- When submitting a question, please include your name and organization
- OG&E will respond to questions after the slide presentation is complete

Presentation Agenda

- Introduction to OG&E
- RFP Purpose
- All Source RFP
 - Overview
 - Details on Key Elements
 - Bid Response 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 894,000 customers in 267 towns and cities in a 30,000 square mile area of Oklahoma and western Arkansas.



RFP Purpose

RFP

- The purpose of this RFP is to secure resources to meet capacity needs identified in OG&E's 2024 Integrated Resource Plan (IRP)
- This All Source RFP supports execution of OG&E's 2024 IRP 5-year Action Plan, which identified a variety of resources to address future capacity needs

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 2022 Flexible Resource RFP, 2022 Existing Resource RFP, and 2022 Solar 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 aforementioned agencies. 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.

All Source RFP Overview

| | |
|-------------------------------------|--|
| Minimum Capacity | Minimum of 10 MW of nameplate Capacity per Bid. An individual Bid may include multiple Generation Facilities at a Site to sum to the Minimum Capacity. |
| Maximum Capacity | Maximum of 1,500 MW of nameplate Capacity per Bid. An individual Project, even if comprised multiple Generation Facilities, cannot exceed the Maximum Capacity. |
| Capacity Availability Date | OG&E requires Capacity be available to satisfy OG&E's resource adequacy obligations no later than May 1, 2030, with a preference for Projects to provide Capacity to OG&E as early as possible. |
| Operating Duration | Project is capable of at least four (4) hours of consecutive run time at Accredited Capacity in accordance with SPP OATT Attachment AA. This requirement does not apply to wind and solar Generation Facilities. |
| Contract Types Allowed | Purchase and Sale Agreement ("PSA"), Capacity Purchase Agreement ("CPA"), or Power Purchase Agreement ("PPA"). |
| Location | PSA Projects: Within SPP in Oklahoma or Arkansas, with preference for OG&E's service area. CPA or PPA Projects: Within SPP in Oklahoma, Arkansas, Texas, New Mexico, or South-Central Kansas. |
| Transmission Interconnection | Plan for securing generator interconnection with SPP prior to the Capacity Availability Date. |
| Technologies Allowed | All generation technologies available as Accredited Capacity. In addition to Bids for any single eligible Generation Facility technology, Combination Bids are allowed. |
| Affiliate Bid | OG&E expects to bid into this RFP. |

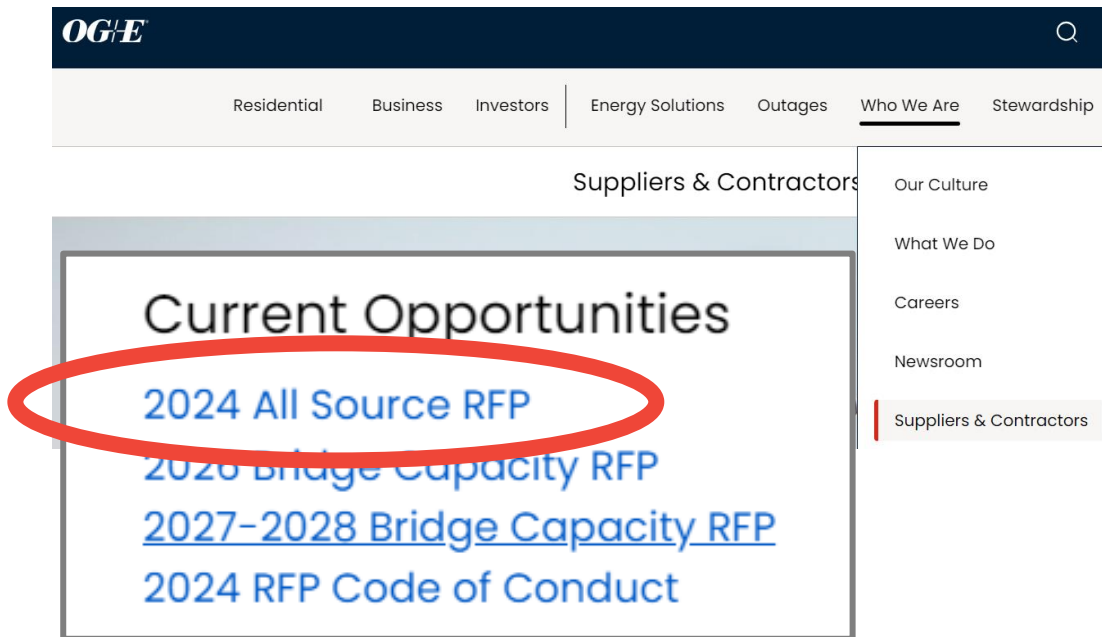
All Source RFP Timeline

| Item | Date |
|---|--------------------|
| RFP Draft Issue Date | May 2, 2024 |
| Technical Conference | May 21, 2024 |
| RFP Final Issue Date (expected) | May 30, 2024 |
| Bidder Questions Deadline | September 4, 2024 |
| Notice of Intent to Bid Due Date | September 18, 2024 |
| Bid Due Date | September 25, 2024 |
| Bid Opening Day | September 26, 2024 |
| Selection of Bid(s) for Negotiation (expected) | January 17, 2025 |
| Complete Negotiations (expected) | April 18, 2025 |

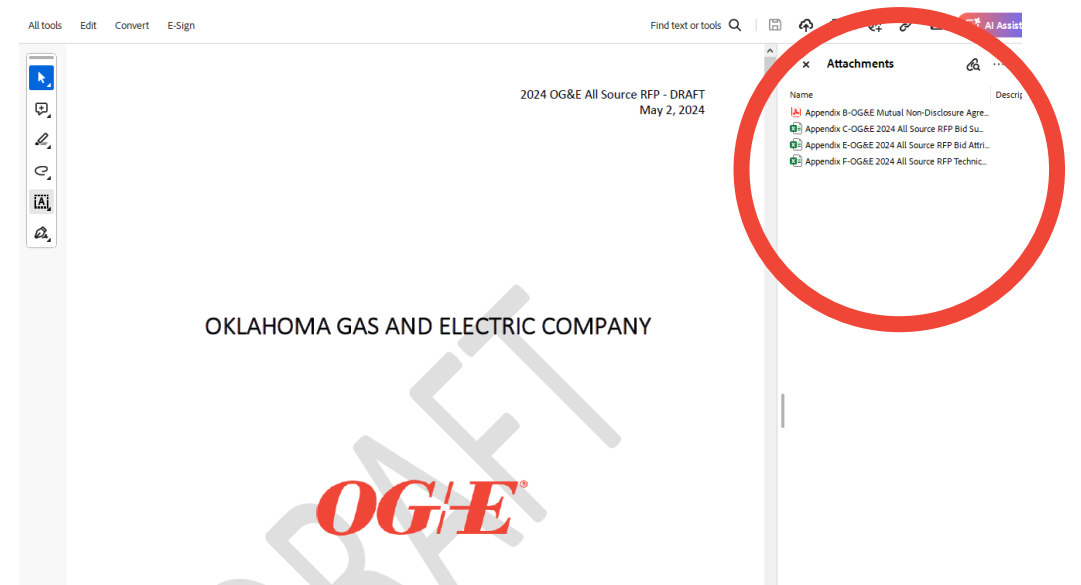
RFP Website

RFP Website:

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



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





RFP Details

RFP Details - Capacity

| | |
|-------------------------|--|
| Minimum Capacity | Minimum of 10 MW of nameplate Capacity per Bid. An individual Bid may include multiple Generation Facilities at a Site to sum to the Minimum Capacity. |
| Maximum Capacity | Maximum of 1,500 MW of nameplate Capacity per Bid. An individual Project, even if comprised multiple Generation Facilities, cannot exceed the Maximum Capacity. |

- An entire bid must contain a minimum of 10 MW of nameplate Capacity which can be comprised of multiple, individual resources that are less than 10 MW
- An entire bid must be no greater than 1,500 MW of nameplate Capacity.

RFP Details - Capacity Availability Date

Capacity Availability Date

OG&E requires Capacity be available to satisfy OG&E's resource adequacy obligations no later than May 1, 2030, with a preference for Projects to provide Capacity to OG&E as early as possible.

OG&E's 2024 Integrated Resource Plan identifies generation needs starting in 2026. OG&E has a preference for resources capable of coming online as early as possible. Resources must be in-service no later than May 1 in the year they come online for the generation capacity to be counted towards OG&E's Planning Reserve Margin requirement in that year.

RFP Details - Operating Duration

Operating Duration

Project is capable of at least four (4) hours of consecutive run time at Accredited Capacity in accordance with SPP OATT Attachment AA. This requirement does not apply to wind and solar Generation Facilities.

- Resources must be capable of at least four (4) hours of consecutive run time at their Accredited Capacity level.
- This requirement does not apply to wind and solar resources as they are variable energy resources.

RFP Details - Contract Types

| Contract Types Allowed | PSA, CPA, or PPA |
|------------------------|------------------|
|------------------------|------------------|

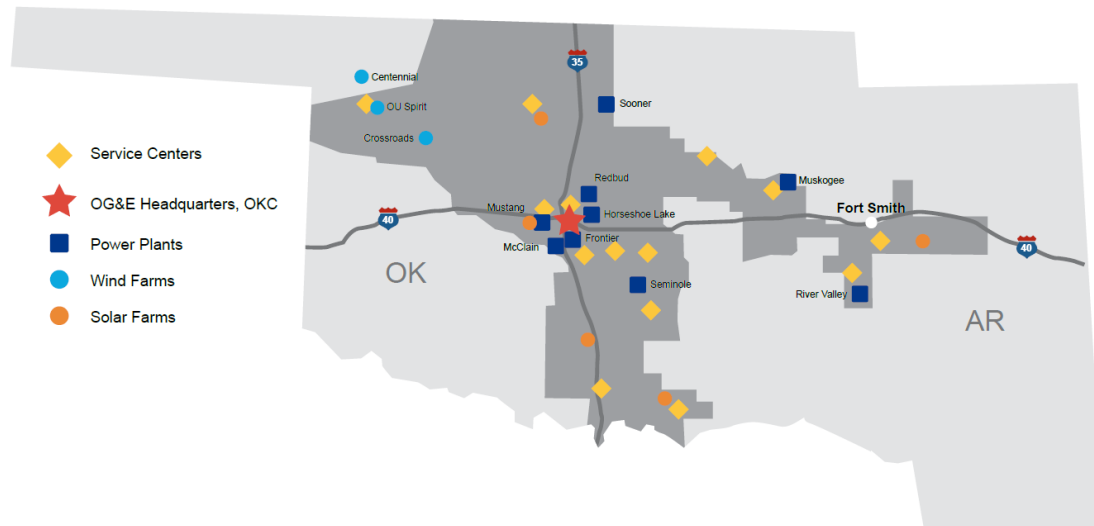
- **PSA** (Purchase and Sales Agreement) – an acquisition structure in which OG&E will acquire a New or Existing Project
- **CPA** (Capacity Purchase Agreement) – an agreement wherein the utility purchaser acquires only Capacity.
- **PPA** (Power Purchase Agreement) – an agreement for the purchase of Capacity, and as pertinent one or more additional Energy Products

Bidders are required to submit a brief narrative summary of any changes sought as well as a redline mark-up of the form agreement for the contract type they are bidding.

| Generation Technology (see RFP Definitions) | CPA Form Agreement | PPA Form Agreement | Duration of CPA or PPA | PSA Form Agreement |
|---|---|---|------------------------|---------------------------|
| NEW PROJECTS | | | | |
| Wind | CPA: Capacity Purchase ISDA Schedule and Confirmation | Renewable PPA | 20 to 30 years | Wind BTA |
| Solar | | Renewable PPA | | Solar BTA |
| Battery Energy Storage | | Battery Tolling PPA | | BESS APA with EPC Exhibit |
| Non-Battery Energy Storage | | Battery Tolling PPA | | BESS APA with EPC Exhibit |
| CT | | Thermal PPA | Up to 10 years | CT APA with EPC Exhibit |
| RICE | | | | |
| CC | | | | |
| Other eligible thermal technologies | | | | |
| Other eligible renewable technologies | | Renewable PPA | 20 to 30 years | Wind BTA (edited) |
| EXISTING PROJECTS | | | | |
| Renewable and Energy Storage technologies | CPA: Capacity Purchase ISDA Schedule and Confirmation | Same agreement as listed above for corresponding technology | 20 to 30 years | Existing Resource APA |
| CC, CT, RICE, or other thermal technologies | | | Up to 10 years | |

RFP Details - Location

Location **PSA Projects: Within SPP in Oklahoma or Arkansas, with preference for OG&E's service area.**
CPA or PPA Projects: Within SPP in Oklahoma, Arkansas, Texas, New Mexico, or South-Central Kansas.



PSA Projects must be within SPP in Oklahoma or Arkansas with preference for OG&E's service area

CPA and PPA Projects must be within SPP in Oklahoma, Arkansas, Texas, New Mexico, or South-Central Kansas

South-Central Kansas means projects that are located in the following Counties: Barber, Butler, Clark, Comanche, Cowley, Ford, Harper, Kingman, Kiowa, Pratt, Sedgwick, and Sumner

RFP Details - Transmission Interconnection

Transmission Interconnection

Plan for securing generator interconnection with SPP prior to the Capacity Availability Date.

Bidders are required to submit a copy of the preliminary transmission interconnection study completed by SPP (if available). If this is not available, Bidders 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.

Detailed requirements are specified in Section 2.2.5 of the Draft 2024 All Source RFP.

RFP Details - OG&E Surplus Interconnection

Transmission Interconnection

Plan for securing generator interconnection with SPP prior to the Capacity Availability Date.

OG&E Surplus Interconnection service is being made available for the RFP

- 3 Sites – each with 100 to 300 MWs of Surplus Interconnection Available
- Only available for New PSA Bids
- Bidders must have a fully executed Mutual Nondisclosure Agreement to receive OG&E Surplus Interconnection Information

| Generation Facility Name | Generation Facility Address |
|--------------------------|---|
| Muskogee | 5501 Three Forks Road, Fort Gibson, OK 74434 |
| Seminole | 14102 Old Hwy 99, Konawa, OK 74849 |
| Sooner | 10800 County Road 230, Red Rock, OK 73061 |

RFP Details – Technologies Allowed

Technologies Allowed

All generation technologies available as Accredited Capacity. In addition to Bids for any single eligible Generation Facility technology, Combination Bids are allowed.

- New and existing thermal projects offered as a PSA must satisfy the environmental mitigation requirements for the Bid Narrative and Threshold Evaluation.
- Renewable and Battery Energy Storage System (BESS) projects offered as a PSA must satisfy the risk mitigation requirements for the Bid Narrative and Threshold Evaluation.
- Combination Bid means a Bid that includes more than one Generation Facility technology allowed under this RFP at a single Site.

RFP Details – Affiliate Bid

Affiliate Bid

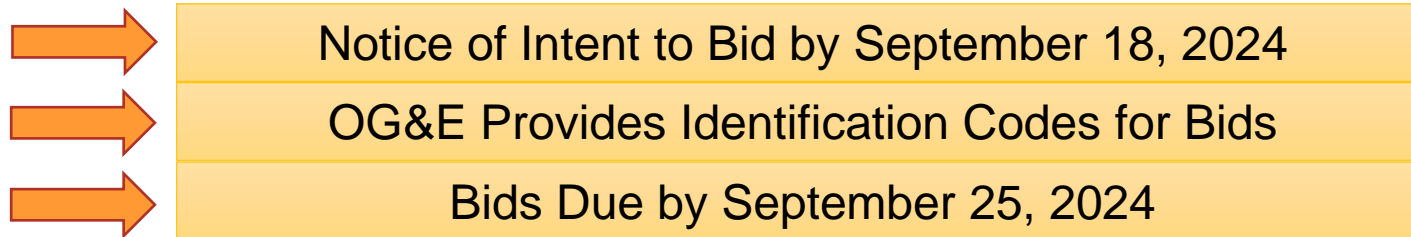
OG&E expects to bid into this RFP.

In compliance with the requirements of Oklahoma’s competitive procurement rules, OG&E has established separate Bid and Evaluation Teams. Any non-public communication about the RFP or competitive bidding process between the members of these two teams will be prohibited (unless those communications occur in an open and transparent way through questions and answers on the RFP technical website or as part of this technical conference which is open to all bidders).



RFP Responses

Response Structure



Completed Bid Package must contain:

- Mutual Nondisclosure 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
- Redline of Form Agreement
- Exceptions to Technical Specifications (applicable to New Project PSA Bids of certain technologies)
- Additional Attachments (listed on next slide)

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 per Site
- Several of the Bid Attribute Forms may not be necessary for all Bidders

Response Structure (cont.)

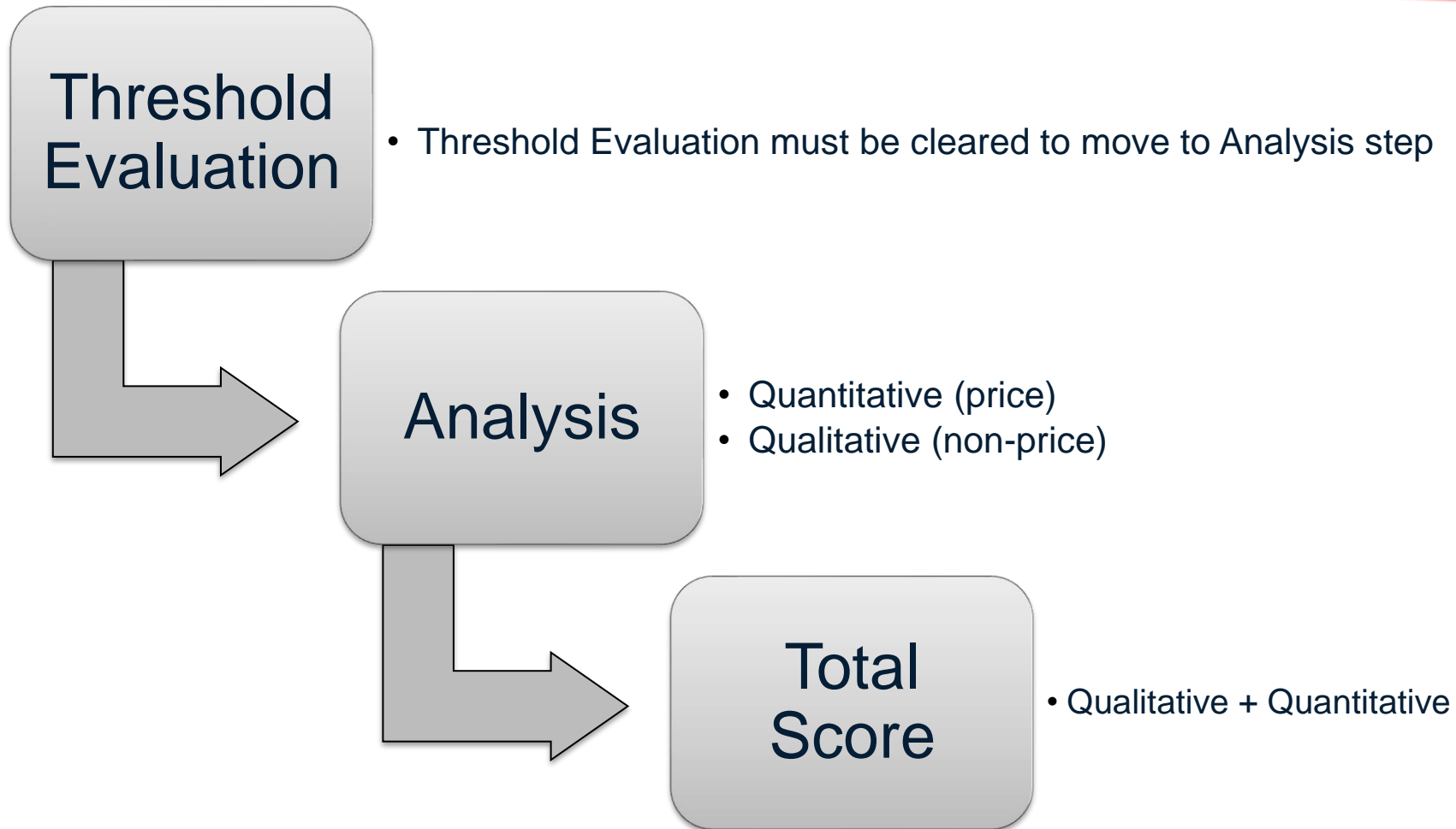
Completed Bid Package must contain:

- Additional Required Attachments
 - i. USGS-based maps of Project and equipment
 - ii. Copy of Bidder's preliminary or final SPP transmission interconnection study (if available)
 - iii. If applicable, identify the applicable section of the SPP Open Access Transmission 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
 - iv. Audited financial statements for the last three (3) years for Bidder and guarantor (if applicable)
 - v. Technology re-powering for energy storage (if applicable)
 - vi. Financial agency rating reports
 - vii. For Existing Project - Historical hourly output of electrical energy
 - viii. For Projects that include solar, wind, and/or BESS – hourly annual electricity output profile



Bid Evaluation

Bid Evaluation



Threshold Evaluation

| | | | | |
|----------|------------------------------|-----------------------|-----------------------|-----------------------------|
| Capacity | Capacity Availability Date | Contract Type | Generation Technology | Operating Duration |
| Location | Transmission Interconnection | Property Site Control | Experience | Bidder Financial Capability |
| | Risk Mitigations | Completeness | Unconditional | |

Qualitative Analysis (30% of Total Score)

Contract Risks, Costs, and Benefits (8%)

- Firm Price
- Contract Assignment
- Form Agreement and Technical Specifications Exceptions

Overall Project Characteristics and Risks (17%)

- Capacity Security
- O&M Plan and Protection against Risks
- Site Control and Bidder Experience
- Schedule
- Financing Capability
- Technology
- Fuel Delivery

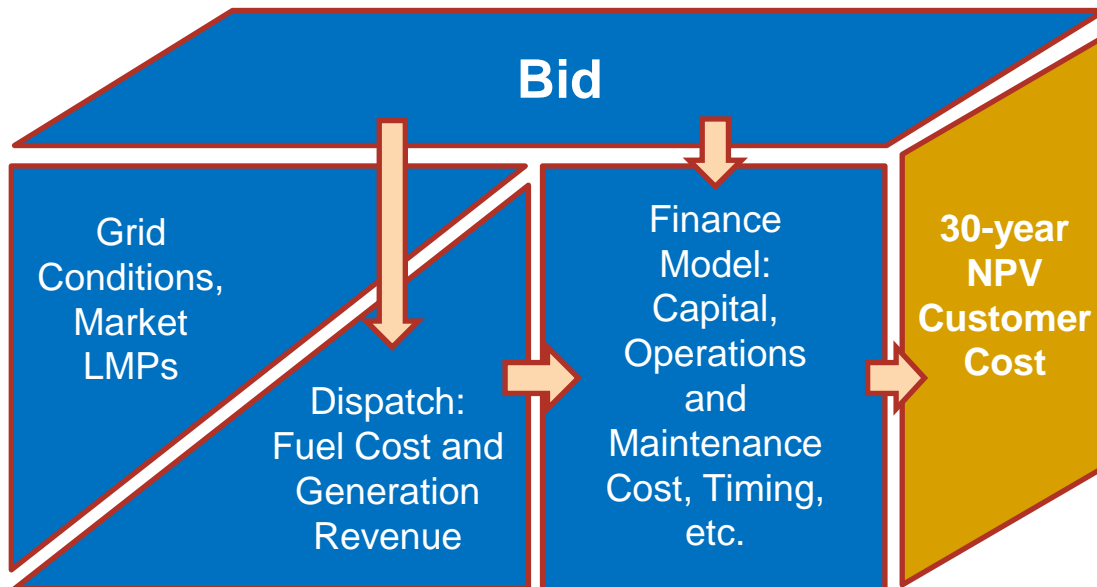
Community and Environmental Impact (5%)

- Community Impacts
- Environmental Impacts

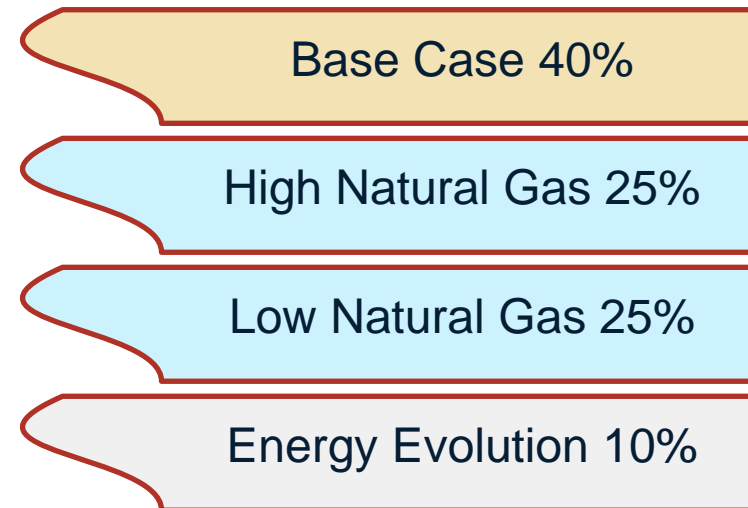
Quantitative Analysis (70% of Total Score)

OG&E will evaluate all Bids based on the expected customer cost impact resulting from detailed simulation modeling utilizing scenarios and sensitivities described in the OG&E 2024 IRP.

Process



Apply Weighted-Average of Market Conditions



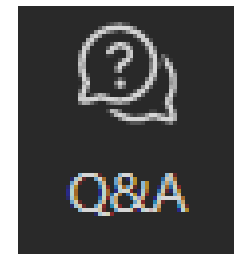
Project Selection

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 or may select multiple Bids to comprise a portfolio able to satisfy OG&E's need.

Break to Collect Questions

Please submit your questions into the
Teams Q&A





Questions and Answers

RFP Q&A Procedures

RFP Questions and Answers:

Prospective Bidders are encouraged to submit questions about this RFP via email to 2024AllSourceRFPComm@oge.com on or before the September 4, 2024, 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 and other identifying details will not be included in question-and-answer material posted to the RFP Website.