

**2018 OG&E RFP FOR Capacity
Form I
Fuel Plan (where applicable)**

Bidder Name _____

Project Name _____

1) Provide the following fuel specifications:

Fuel Type	_____	Sulfur Content	_____
Heat Content	_____	Ash Content	_____
Moisture Content	_____	Ash Fusion Temp.	_____

2) Indicate the gas delivery pressure required at each of the following points.
plant burner tip pressure: _____ **psig**

gas interconnection point:	_____	minimum psig
gas interconnection point:	_____	maximum psig

3) Fuel Delivery Point: _____

4) Identify the pressure **guaranteed** by the interconnecting pipeline at the fuel delivery point.

_____ **psig**

5) Indicate the maximum daily and hourly gas consumption at the proposed plant and the amounts required on a firm a basis:

	<u>Summer</u>	<u>Winter</u>
Maximum Daily Consumption (MMBtu/day)	_____	_____
Maximum Hourly Consumption (MMBtu/day)	_____	_____

6) If applicable to a bidder system, "Fuel Oil Storage Facilities" tank size in gallons.

7) Type/grade of back-up liquid fuel _____



In addition, Bidder's narrative response should include answers to the following questions related to the fuel plan.

- 1) Please describe the type and design of the proposed boiler.
- 2) Identify the primary and secondary fuels used by the project as well as any other alternate fuel capability.
- 3) Describe the type(s) and source(s) of the fuel.
- 4) For each fuel proposed, provide the following information:
 - § Expected consumption on a daily and annual basis
 - § Expected maximum instantaneous usage
 - § An estimate of the percentage provided by each fuel
 - § Any applicable fuel limits (volume / timing)
 - § The period in which each fuel will be provided (months)
 - § The percentage of spot or contract volume for each fuel
 - § Share of contract volumes for contracts of greater than 5 years
- 5) List the transporters and describe the transportation routes used to deliver all fuel requirements (primary and secondary) from the source of supply to the plant site. Provide a map depicting the proposed transportation routes

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from the source of supply to the Project.

- 6) Describe the types (firm or interruptible) and terms and conditions of all transportation arrangements proposed for all transportation segments from the fuel supply source to the Facility site, and provide copies of all such transportation arrangements. Price (index, adders, etc.), Schedule, and Counterparty information should be included in your response.
- 7) Indicate if transportation service is to be provided via existing capacity or if new capacity is required to provide such service. In the event new capacity is required, Bidder shall provide all relevant information relative to the proposed capacity arrangement in sufficient detail to allow the Proposal's feasibility to be evaluated.
- 8) Provide all pricing arrangements, tariffs and/or pricing assumptions for all separate transportation segments. Explain the basis for the transportation price assumptions.
- 9) Provide a description of the sources of fuel supply for the Facility, and list the names of the proposed fuel suppliers.
- 10) Provide copies of all fuel supply arrangements or proposed arrangements. Include all terms and conditions applicable to the arrangements including:
 - § Term
 - § Volume commitments
 - § Pricing arrangements/components
 - § Minimum take requirements
 - § Acceptable contract terms and conditions
 - § Status of the arrangements
 - § Price re-openers
 - § Volume flexibility/penalties
 - § Market out provisions
 - § Performance guarantees
 - § Lead time on arranging or nominating gas supply for delivery
 - § Quality specifications for all fuels
- 11) Provide a description of the fuel pricing arrangements for both the primary and secondary fuels including the fuel price index utilized as well as any escalation factors or any other costs to the company, any price floors or ceilings, and any price variation based on load factor or other provisions.
- 12) Provide information that describes if and how the fuel pricing arrangements are integrated with the terms of the proposed PPA. Discuss if there are any limitations in the fuel supply arrangements that could affect unit dispatch or translate into a constraint on unit operations.
- 13) Provide copies of supplier's annual reports, marketing and financial information that illustrate the financial and market strength of the supplier and its experience in supplying fuel to power Facilities.
- 14) Provide a description of Bidder's experience in securing fuel supply and transportation arrangements for other Facilities of similar size, technology and fuel type.
- 15) Describe the fuel inventory and management procedures followed by the Bidder. Include in the response, a description of the planned inventory maintained for the Facility on both a volumetric basis and based on number of days or hours at full unit output; whether the inventory will be maintained on-site or off-site; and the on-site or off-site storage capacity available. For storage capacity, indicate if it is on-site or off-site storage, identify the volume of storage capacity, and the number of days or hours at full output which the storage facilities could sustain.
- 16) Provide a description of Bidder's fuel supply strategy and criteria that serves as the basis for evaluating and selecting fuel suppliers and transporters.

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- 17)** For energy sale bids in which bidder plans to acquire and manage the fuel supply, describe supply plan and identify all contracts that support the supply of firm gas transportation and firm supply to the proposed plant.
- 18)** For gas-fired facilities, identify the pipeline to which the bidder plans to interconnect.
- 19)** Describe the gas interconnection facilities that will be needed including the size, length, and location of the lateral interconnection and fuel delivery point (attach a USGS-based map showing the gas pipeline delivery point, the location of any lateral lines, compressors and meters.)
- 20)** If known, please indicate the total assumed capital costs for all gas facilities that are estimated.
- 21)** If secondary on-site fuel storage is proposed, describe the fuel type, including quality specifications, quantity, and maximum number of full-load run hours on secondary fuel.
- 22)** List any gas quality restrictions and indicate if the required delivery pipelines have acceptable gas quality.