



PJM 2023 RTO Wide Black Start RFP Level 1 Response

PROPOSAL TYPE:

Black Start Resource Proposal Type (Only check one)	
<input type="checkbox"/>	Existing PJM Black Start Resource
<input type="checkbox"/>	Existing resource not providing PJM Black Start Service
<input type="checkbox"/>	Future resource in PJM interconnection queue

Fuel Assurance Proposal (Check any that apply)	
<input type="checkbox"/>	Fuel Assured - No Capital Investments Required
<input type="checkbox"/>	Fuel Assured - Capital Investments Required
<input type="checkbox"/>	Non-Fuel Assured Black Start Service

GENERAL:

Company Name: _____

Unit Name: _____

Unit Address: _____

Unit Market ID: _____

Unit ICAP: _____

Type of Unit (CT, CC, Steam, Intermittent, solar/battery hybrid, storage etc.):

Interconnection Voltage Level: _____

Interconnected Swyd Name: _____

TO Zone (if known): _____

Contact Name: _____

Contact Address: _____

Contact Email: _____

Contact Phone: _____

FUEL ASSURANCE INFORMATION: (See Note Below)

Primary Fuel: _____

Secondary Fuel (if applicable): _____

Is a different start-up fuel required for the BS unit for either primary or secondary fuels (e.g ignitor gas, if applicable)?

YES NO If YES, provide details _____

For gas fired units (check if applicable):

Single pipeline connection

Provide information on gas contract arrangements (e.g. firm transportation, etc.): _____

Can operate independently on 2 or more interstate pipelines.

Is directly connected to a natural gas gathering system.

For oil fired units, is there oil storage on site (min. 16hrs)?	YES	NO
For storage units (battery, pumped storage) can 16hrs of fuel be stored?	YES	NO
For pumped storage units can 16hrs of fuel be held back for restoration events?	YES	NO

For intermittent or hybrid resources, PJM will evaluate to confirm unit is capable of providing 16 hours of full load operation with 90% confidence.

OPERATIONAL INFORMATION:

Proposed black start MW: _____

Unit minimum load (under current air permit): _____

Emission limitations for operation below minimum (e.g., start-up time to reach air permit compliance): _____

Are you able to obtain a permit modification or waiver to operate at levels below minimum load during an emergency event?

YES NO

For Combined Cycle (CC) Units Only

Simple Cycle available? YES NO

Steam bypass available? YES NO

Percent of CT Output allowed by steam bypass: _____

Duration limitation (1hr / 2hr / 3hr) _____

Note: Fuel Assured Black Start Units must be capable of running 16 hours or more during a restoration event. Fuel assurance is achieved by either:

- a. storing at least 16 hours of fuel on site,
- b. can operate independently on 2 or more interstate pipelines,
- c. being directly connected to a natural gas gathering facility,
- d. or has been evaluated by PJM to be capable of providing 16 hours of full load operation with 90% confidence,
- e. and meets all other requirements for Black Start Units.

Please send all 2023 RTO Wide Black Start RFP Level 1 Responses to BlackStart@pjm.com