



PJM 2024 Incremental Black Start RFP Level 1 Response

PROPOSAL TYPE:

Fuel Assured Black Start Proposal Type (Check one):	
<input type="checkbox"/>	New BS Unit: Black Start Capital Required + No Additional Fuel Assurance Capital Required
<input type="checkbox"/>	New BS Unit: Black Start Capital Required + Additional Fuel Assurance Capital Required
<input type="checkbox"/>	New BS Unit: No Black Start Capital Required + Additional Fuel Assurance Capital Required
<input type="checkbox"/>	New BS Unit: No Black Start Capital Required + No Additional Fuel Assurance Capital Required
<input type="checkbox"/>	Existing BS Unit: Black Start Capital Required + No Additional Fuel Assurance Capital Required
<input type="checkbox"/>	Existing BS Unit: Black Start Capital Required + Additional Fuel Assurance Capital Required
<input type="checkbox"/>	Existing BS Unit: No Black Start Capital Required + Additional Fuel Assurance Capital Required
<input type="checkbox"/>	Existing BS Unit: No Black Start Capital Required + No Additional Fuel Assurance Capital Required

Non-Fuel Assured Proposal (Check one):	
<input type="checkbox"/>	New Non-Fuel Assured BS Unit: No Black Start Capital Required, Gas Only/ Dual Fuel Unit not behind an LDC
<input type="checkbox"/>	New Non-Fuel Assured BS Unit: Black Start Capital Required, Gas Only/ Dual Fuel Unit not behind an LDC
<input type="checkbox"/>	Existing Non-Fuel Assured BS Unit: No Black Start Capital Required, Gas Only/ Dual Fuel Unit not behind an LDC
<input type="checkbox"/>	Existing Non-Fuel Assured BS Unit: Black Start Capital Required, Gas Only/ Dual Fuel Unit not behind an LDC

GENERAL:

Company Name: _____

Unit Name: _____

Unit Address: _____

Unit Market ICAP: _____

Interconnection Voltage Level: _____

Interconnected Swyd Name: _____

TO Zone (if known): _____

Contact Name: _____

Contact Address: _____

Contact Email: _____

Contact Phone: _____

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

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 MWs: _____

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?

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 and non- fuel consumables on site,
- b. can operate independently on 2 or more interstate pipelines,
- c. being directly connected to a natural gas gathering facility,
- d. or are an hydro or non-hydro intermittent or hybrid resource that has been evaluated by PJM to be capable of providing 16 hours of full load operation with 90% confidence.

Please send all 2024 Incremental RFP for Fuel Assured Black Start Service Level 1 Responses to BlackStart@pjm.com