ISO NEW ENGLAND GENERATOR NOTIFICATION FORM FOR UNITS OR CHANGES OF LESS THAN 5 MW

Submit Completed Form to ProposedPlans@iso-ne.com

Contact Customer Service at 413-540-4220 or custserv@iso-ne.com to begin market system asset registration process

Applicant _____ Date _____

Generation Owner (if different than Applicant) _____

Contact Person _____

Phone # _____ Fax # _____ E-mail _____

1. Station Name _____
   a. Location/Interconnection Point (Indicate point of coupling with utility system by specifying distribution feeder or transmission line name(s) or substation name. Distribution facilities should include the transmission facility substation(s) that the distribution facilities are supplied from.)

      _____

   b. Address of Plant
      Street Address _____
      Town or City _____
      County _____ State _____ Zip Code _____

   c. Unit/Aggregate Generation Asset Identification _____

   Net ratings entered in below should reflect the netting of auxiliary loads from the gross unit rating(s) that are directly related to the operation of the unit/aggregate generation.

	Winter (0 or higher Deg F)*	Winter (20 Deg F)	Summer (50 or higher Deg F)**	Summer (90 Deg F)
Gross Unit Rating (MW)				
Net Unit Rating (MW)				
Unit Rating (Lagging MVAR)		N/A		
Unit Rating (Leading MVAR)		N/A		

* Enter all values in this column corresponding to the temperature of 0 degree F or greater at which gross facility output will be the highest. As an example, if the maximum gross facility output occurs at 12 degrees F, all values in this column shall correspond to the 12 degree F operating condition.

** Enter all values in this column corresponding to the temperature of 50 degrees F or greater at which net unit facility output will be the highest. As an example, if the maximum net facility output occurs at 67 degrees F, all values in this column shall correspond to the 67 degree F operating condition.

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d. What is the maximum net power injection at the point of interconnection? _____(MW)

e. Is there load reduced by operating this generation? (Check Yes or No) ☐ Yes ☐ No
If "Yes:"
By how much is the load reduced? _____(MW)
Where is the load located?_____

2. Type of Application (Check one)

☐ Construction ☐ Capacity Change

3. Requested Commercial Operation Date _____

4. Is the unit equipped with under-frequency protection? (Check yes or no) ☐ Yes ☐ No

If "Yes:"

a. Has the host utility reviewed the settings? ☐ Yes ☐ No

b. Will the unit be tripped for under-frequency conditions in the area above the curve in Figure 1 of Standard PRC-006-NPCC? ☐ Yes ☐ No

i. If "Yes," has additional automatic load shedding been provided equivalent to the amount of generation to be tripped? ☐ Yes ☐ No

c. Will the unit be tripped in conjunction with dropping low voltage feeder during load shedding? ☐ Yes ☐ No

i. If "Yes," has the host utility ensured that sufficient automatic load shedding capability will be available to system operators? ☐ Yes ☐ No

Note: A "No" response to b.i or c.i is grounds for rejection.

5. Provide the following information on fuel used by the unit (and nameplate values if applicable)

a. List the unit's primary energy source code (from "Energy Sources" listed on the following page)
_____

b. List the unit's secondary energy source code (from "Energy Sources" listed on the following page)
_____

6. Will the unit have black start capability? (Check Yes or No) ☐ Yes ☐ No
If "Yes," can it be operated on its own auxiliaries prior to synchronization with the system? ☐ Yes ☐ No

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7. Provide the following information on the interconnection point.
   a. Specify the interconnection bus name and the voltage level the unit is connected to.
      Name:_____ Voltage Level (kV):_____

   b. Specify the modeled PSS/E bus name and number that is electrically closest to where the unit is interconnected.
      Name:_____ Number:_____

   (Check the appropriate box and provide appropriate diagram(s))

   ☐ The unit is connected to the power system at transmission voltage (69 kV or higher). Provide an electrical one-line diagram showing all essential devices including GSU impedance, station arrangements, station service and connections to the bulk power system, including the voltage levels below 69 kV.

   ☐ The unit is connected to the distribution system. Provide one-line diagram(s) showing the unit connection and where the distribution network connects to the bulk power system.

8. Has an interconnection request been submitted for the new unit or change of less than 5 MW? Yes ☐ No ☐
   a. If "Yes," when was the interconnection request submitted and to whom?

      _____

   b. If "No," when will the interconnection request be submitted and to whom?

      _____

9. Comments:

Complete Form

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ENERGY SOURCES

CODE	TYPE (FUEL)
AB	Agricultural Crop Byproducts/Straw/Energy Crops
BAT	Battery Energy Storage
BFG	Blast-Furnace Gas
BIT	Bituminous Coal
BLQ	Black Liquor
DFO	Distillate Fuel Oil (includes all Diesel and No. 1, No. 2 and No. 4 Fuel Oils)
GEO	Geothermal
JF	Jet Fuel
KER	Kerosene
LIG	Lignite Coal
LFG	Landfill Gas
MSW	Municipal Solid Waste
NG	Natural Gas
NUC	Nuclear (Uranium, Plutonium, Thorium)
PC	Petroleum Coke
PG	Propane
OBG	Other Biomass Gases (Digester Gas, Methane and other biomass gases)
OBL	Other Biomass Liquids (Ethanol, Fish Oil, Liquid Acetonitrile Waste, Medical Waste, Tall Oil, Waste Alcohol and other biomass liquids not specified)
OBS	Other Biomass Solids (Animal Manure and Waste, Solid Byproducts and other solid biomass not specified)
OG	Other Gas (Butane, Coal Processes, Coke-Oven, Refinery and other processes)
OTH	Other (Chemicals, Coke Breeze, Hydrogen, Pitch, Sulfur, Tar Coal and miscellaneous technologies)
RFO	Residual Fuel Oil (includes No. 5 and No. 6 Fuel Oils and Bunker C Fuel Oil)
SC	Coal-based Synfuel, including briquettes, pellets or extrusions, which are formed by binding materials and processes that recycle material
SLW	Sludge Waste
SUB	Sub-bituminous Coal
SUN	Solar (Photovoltaic, Thermal)
TDF	Tires
WAT	Water (Conventional, Pumped Storage)
WC	Waste/Other Coal (Anthracite Coal, Anthracite Culm, Bituminous Gob, Fine Coal, Lignite Waste, Waste Coal)
WDL	Wood Waste Liquids
WDS	Wood/Wood Waste Solids (Paper Pellets, Railroad Ties, Utility Poles, Wood Chips and other wood solids)
WND	Wind
WO	Oil – Other and Waste Oil (Butane (Liquid), Crude Oil, Liquid Byproducts, Oil Waste, Propane (Liquid), Re-refined Motor Oil, Sludge Oil, Tar Oil)