

Section BB – Registration of a Generating Facility

Generator Details

Generator PTID <i>(NYISO will assign for new generator)</i>	
Generator Name* <i>(Subject to NYISO naming conventions)</i>	
Transmission Owner (TO) *	
Zone*	
Interconnection Point (Name of Nearest 115kV or above Transmission Station) *	
Is There a Signed Interconnection Agreement for this Generator (Yes/No)? If a 2-party agreement, a copy must be provided to NYISO for review. (NOTE: Lack of a valid, signed agreement will prevent the generator from being granted bidding privileges.)	

Generator Parameters

Generation Type ^{1*}					
Combined Cycle		Hydro		Steam Turbine	
Landfill Gas		Nuclear		Wind	
Gas Turbine (10 min.)		Renewable ²		Other (specify)	
Gas Turbine (30 min.)		Solar		BTM:NG (Y/N) ³	
RESPONSE RATES ⁴		BID FLAGS ⁵		DAM	RTM
Emergency Response Rate (MWs/Min)*		Fixed Energy*		yes/no	yes/no
Regulation Capacity Response Rate (MWs/Min)*		Dispatch Energy*		yes/no	yes/no
Normal Response Rate 1 (MWs/Min)*		PHYSICAL ATTRIBUTES			
Normal Response Rate 1 (MW)		Design Nameplate Rating*		MW	at °F
Normal Response Rate 2 (MWs/Min)		Physical Min Gen (MWs)*			
Normal Response Rate 2 (MW)		MVar Ratings (+/-)		+	-
Normal Response Rate 3 (MWs/Min)					

***Required.**

¹ Hydro, Combined Cycle, Wind, Gas Turbines, Solar and Other generators must supply additional information to the NYISO. Please see the section titled “Additional Information for Generators” on the following pages.

²“Renewable” means Geothermal, Wood, Biomass, or Tidal.

³Behind-the-Meter Net Generation Resource (“BTM:NG Resource”): A facility within a defined electrical boundary comprised of a Generator and a Host Load located at a single point identifier (PTID), where the Generator routinely serves, and is assigned to, the Host Load and has excess generation capability after serving that Host Load. The Generator of the BTM:NG Resource must be electrically located in the NYCA, have a minimum nameplate rating of 2 MW and a minimum net injection to the NYS Transmission System or distribution system of 1 MW. The Host Load of the BTM:NG Resource must also have a minimum ACHL of 1 MW. BTM:NG Resources cannot simultaneously participate as a BTM:NG Resource and in any ISO and/ or Transmission Owner administered demand response or generation buy-back programs.

⁴ Fixed/Dispatch Energy Bid Flags identify how the resource will be offered into the market and are subject to NYISO’s generator bidding rules.

⁵All resources must supply a per-minute response rate. For Wind resources the response rate must be at least 6.7% of nameplate/minute and will only apply to ramp down resources.

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Generator Revenue Grade Metering and Communications

Revenue Grade Metering Installed (Yes/No)?	
If yes, list meter #	
If no, list estimated metering installation date	
If a BTM:NG Resource, which metering configuration, as described in Section 3.2 of the Revenue Meter Requirements Manual, will be used for the facility. Please attach a one-line diagram of the metering configuration for NYISO verification. See Section CC below.	
ICCP Communications Installed (Y/N)?	
If no, list estimated installation date	

Testing and Commercial Operation Dates

Target Test Synchronization to Grid Date (approx.)	
Target Commercial Operation Date (approx.)	

BTM:NG RESOURCES⁶

Injection Limit⁷ _____ MW

Estimated Host Load⁸ _____ MW

Estimated Net Generation Available _____ MW

⁶ A BTM:NG Resource must provide the information in this section as well as the applicable resource specific sections on the following pages. In addition, NYISO may request additional information for verification purposes. The documentation that may be requested includes, but is not limited to, the electric utility bill of the BTM:NG Resource, information about the Resource’s participation in other retail or wholesale programs, and Meter Authority confirmation of the meter data submitted to the NYISO for the BTM:NG Resource. The Market Participant must provide the documentation to the NYISO within the deadline provided in the NYISO’s request.

⁷ Injection Limit is the maximum injection of a BTM:NG Resource, in MW, into the NYS Transmission System or distribution system at the BTM:NG Resource’s Point of Injection. The Injection Limit for a BTM:NG Resource must be at least 1 MW.

⁸ The Load that is electrically interconnected within the defined electrical boundary of a BTM:NG Resource that is routinely served by, and assigned to, the Generator of a BTM:NG Resource. Station Power will be included in the calculation of the BTM:NG Resource’s Host Load if it is self-supplied by the Generator of the BTM:NG Resource, and it is not separately metered. Must provide hourly Host Load data recorded during the peak load hours of the applicable Capability Period using the spreadsheets provided. NYCA Peak Load Hours file and reporting spreadsheets posted at: <http://www.nyiso.com> → For Market Participants → Market Data → Demand Response → Behind-the-Meter Net Generation.

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Additional Resource Specific Information For Generators

HYDRO GENERATOR ONLY

	<u>Yes</u>	<u>No</u>
Run of River	_____	_____
Upstream Controlled Reservoir	_____	_____

GAS TURBINE GENERATOR ONLY

Maximum Hot Day Performance _____ MW at _____ °F
Maximum Cold Day Performance _____ MW at _____ °F

COMBINED CYCLE GENERATOR ONLY

Maximum Hot Day Performance _____ MW at _____ °F
Maximum Cold Day Performance _____ MW at _____ °F

Configuration

of Gas Turbine(s) _____ MW/Turbine _____
of Steam Turbine(s) _____ MW/Turbine _____

Gas Turbine Manufacturer and Model _____

	<u>Yes</u>	<u>No</u>	
Inlet Cooling	_____	_____	_____ Type
Supplemental Firing	_____	_____	_____ MW
Natural Gas Fuel	_____	_____	
Distillate Oil Fuel	_____	_____	

Section BB – Registration of a Generating Facility (continued)

WIND GENERATOR ONLY

Static Plant Data

As part of the registration process, Wind Plant Operators are required to supply the NYISO with static plant data providing detailed layouts, locations, specifications, and configurations of the Wind Plant’s individual turbines. The data provided should describe the physical layout of the Wind Plant, details of the turbines being used, manufacturer’s power curves, cut-in/cut-out/cut-back-in settings. Wind Plant Operators shall notify the NYISO upon any changes to this static data.

Please send the information to customer_registration@nyiso.com. This information must be received as part of the Registration process.

Other Wind Information

Nameplate Rating per Unit	_____	MW
Number of Installed Units	_____	
Maximum Ramp Rate Down	_____	MW/Min
Startup Time for a Unit	_____	Minutes
Startup Time for the Entire Facility	_____	Minutes
Shutdown Time for a Unit	_____	Minutes
Shutdown Time for the Entire Facility	_____	Minutes

SOLAR GENERATOR

Type _____

OTHER/MISC GENERATOR

Type _____

Fuel _____

List any Constraints or Limitations _____