



Distributed Generations Contracts Program Update and Proposed 2013 Megawatt Allocation Plan

Office of Energy Resources
November 19, 2012

Updates

- Working with National Grid on (3) tentative enrollments in 2013 so that developers, businesses, and municipalities can plan accordingly.
- Questions/comments about a pending interconnection application after the statutory established deadlines for review, please email Office of Energy Resources. Include information on:
 1. Project Location
 2. Technology/System Size
 3. Application Submittal/Paid For Date
 4. National Grid Official Reviewing the Application

Updates

- Projects have been proposed in 17 of the 39 Cities and Towns in year 1 including:

Jamestown, North Kingstown, Westerly, Hopkinton, Providence, West Warwick, Portsmouth, Lincoln, Cumberland, Cranston, Middletown, East Providence, North Smithfield, East Greenwich, West Greenwich, Bristol, and Central Falls.



Projects Awarded

338 Compass Circle North Kingstown

225 Dupont Drive, Providence

1060 West Main Road, Portsmouth

1 Ralco Way, Cumberland

1 John C. Dean Memorial Blvd, Cumberland

45 Bank St, Hopkinton

35 Martin St, Cumberland

28 Jacome Way, Middletown



Projects Awarded

87 Woodville Alton Rd, Hopkinton

100 Dupont Drive, Providence

Forbes Street East Providence

55 Clarkson Street, Providence

RI 9 James P. Murphy Dr, West Warwick

Rodman Lane, North Kingstown

179 Plain Meeting House Rd. West Greenwich

68 White Rock Road, Westerly



Projects Awarded

- Two (2) municipal projects have been awarded contracts.
- Fourteen (14) private projects have been awarded contracts.



Distributed Generation Contracts Program - Costs/Economic Data

- The Office of Energy Resources is reviewing the DGC application data provided by National Grid and will make information public when review is complete.
- Developers: please make sure all DGC applications submitted for the 2013 program are completely filled out. Incomplete applications slow the process down.



2013 Distributed Generation Contracts Program

DGC Law Requirements

- "Small distributed generation project" - a distributed generation project that has a nameplate capacity no larger than:
 - Solar: five hundred kilowatts (500 KW);
 - Wind: one and one-half megawatts (1.5 MW).
- For technologies other than solar and wind, the board shall set the nameplate capacity size limits, **but such limits may not exceed one megawatt.**
- The board may lower the nameplate capacity from year to year for any of these categories, but may not increase the capacity beyond what is specified in this definition.

DGC Law Requirements

- "Large distributed generation project" - a distributed generation project that has a nameplate capacity that exceeds the size of a small distributed generation project in a given year, but is no greater than five megawatts (5 MW) nameplate capacity.
- Except for 2011, no enrollment period shall seek to enroll more than one-third (1/3) of the annual goal for the distribution company for large distributed generation projects.

Megawatts Available in 2013

- The DGC Program will have 13.8 MW available in 2013 (including 3.8 MW from the 2012 DGC program).
- Under the DGC law the maximum allocation available for large DG projects is 4.554 MW.

Megawatts Available in 2013

- The Office of Energy Resources proposes the following carve-outs for the large and small DGC classes:
 - **Large DGC Projects: 4.00 MW**
 - **Small DGC Projects: 9.8 MW**
- There will be 4.6 MW for each enrollment in 2013.
- There was 5.0 MW available for the enrollments in 2012.



History

2012 Megawatt Allocation Plan – Scenario 1

Technology	Size	Target
Solar-PV	10-150 kW	0.5 kW
Solar-PV	151-500 kW	1 MW
Solar-PV	501-5000 kW	2 MW
Wind	1.5 MW	1.5 MW



History

2012 Megawatt Allocation Plan – Scenario 2

Technology	Size	Target
Solar PV	10-150 KW	1 MW
Solar PV	151-500 KW	1.5 MW
Solar PV	501-5000 KW	2.5 MW



2013 Proposed Megawatt Allocation Plans

Scenario - 1

Small DGC Program	
Technology	kW/MW Available
Wind: 50 kW - 1.5 MW	1.5 MW
Small Solar PV: 50-100 kW	300 kW
Small Solar PV: 101-250 kW	250 kW
Small Solar PV: 251-500 kW	750 kW
Anaerobic Digestion	500 kW
Large DGC Program	
Solar PV/Anaerobic Digestion: 501 kW – 1.3 MW	1.3 MW
Total MW	4.6 MW

Recommended 2013 MW carve-out allocations if National Grid receives applications from all of the eligible technologies in any of the three (3) rounds of the DGC program.

Scenario - 2

Small DGC Program	
Technology	kW/MW Available
Small Solar PV: 50-100 kW	300 kW
Small Solar PV: 101-250 kW	500 kW
Small Solar PV: 251-500 kW	1.5 MW
Anaerobic Digestion	1 MW
Large DGC Program	
Solar PV/Anaerobic Digestion: 501 kW – 1.3 MW	1.3 MW
Total MW	4.6 MW

Recommended 2013 MW carve-out allocations if National Grid receives no wind turbine applications during any of the three (3) rounds of the DGC program.

Scenario - 3

Small DGC Program	
Technology	kW/MW Available
Small Solar PV: 50-100 kW	300 kW
Small Solar PV: 101-250 kW	1 MW
Small Solar PV: 251-500 kW	2 MW
Large DGC Program	
Solar PV: 501 kW – 1.3 MW	1.3 MW
Total MW	4.6 MW

Recommended 2013 MW carve-out allocations if National Grid receives no wind turbine or anaerobic digestion applications during any of the three (3) rounds of the DGC program.



Questions/Comments