

2015 RE Growth Program Summary

(Small/Medium/Commercial/Large Solar; Wind; AD; Hydro)



**Presentation to Rhode Island Office of Energy Resources and DG Board
RI Renewable Energy Growth Program
January 19, 2016**



2015 RE Growth Program Summary – Small-Scale Solar

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- 3 MW Target carve-out of Small-Scale Solar from total 25 MW Nameplate Capacity Target for 2015 Program Year
- As of January 1, 2016:
 - Certificates of Eligibility (COE) awarded to 123 projects totaling 804.3 kW of nameplate capacity
 - 25 projects awarded COEs - operational
 - 98 projects awarded COEs - pending operation
- Approximately 27% of 2015 Program Year Target of 3 MW met
- 11 different developers utilized by projects awarded COEs
- Locations of projects awarded COEs: Ashaway, Barrington, Bristol, Burrillville, Carolina, Chepachet, Coventry, Cranston, Cumberland, East Greenwich, East Providence, Foster, Hope Valley, Jamestown, Johnston, Kingston, Lincoln, Little Compton, Middletown, North Kingstown, Narragansett, Newport, North Smithfield, Pawtucket, Peacedale, Portsmouth, Providence, Rumford, Saunderstown, Smithfield, Tiverton, Wakefield, Warren, Warwick, West Greenwich, West Warwick, Westerly, Woonsocket, Wyoming

2015 RE Growth Program Summary

(Medium/Commercial/Large Solar; Wind; AD; Hydro Technology Classes)

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- 22 MW Nameplate Capacity Target for 2015 Program Year
- 19.5 MW of projects awarded COEs
(pending PUC approval on 3 Commercial-Scale Solar and 1 Wind Project totaling 4.1MW)
- 89% of 2015 Program Year Target
- 2.5 MW remaining capacity → 2019 RE Growth Program Year

2015 RE Growth Program Year	# of COEs Awarded	Nameplate Cap (kW)
First Open Enrollment (Aug)	6	12,848
Second Open Enrollment (Oct)	14	6,648
Total:	20	19,496

Renewable Energy Class (Nameplate kW)	Enrollment Target (Nameplate kW)	Standard PBI <i>applicable to Medium Solar only</i> (cents/kWh)	Ceiling Price w/ITC (cents/kWh)	Ceiling Price w/PTC (cents/kWh)	Ceiling Price w/o ITC/PTC (cents/kWh)	# COE's Awarded	Total (kW)	% of Target "Awarded"
Medium-Scale Solar (26-250 kW DC)	4,000	24.40	24.40	N/A	N/A	11	2,705	68%
Commercial-Scale Solar (251-999 kW DC)	5,500	N/A	20.95	N/A	N/A	5	4,147	75%
Large-Scale Solar (1,000-5,000 kW DC)	6,000	N/A	16.70	N/A	N/A	2	6,644	111%
Wind (1,500-5,000 kW)	5,000							
1,500-2,999 kW 3,000-5,000 kW		N/A N/A	18.40 18.20	19.85 19.45	22.75 22.35	1 1	1,500 4,500	120%
Anaerobic Digestion (up to 1,000 kW)	1,500							
150-1,000 kW		N/A	N/A	20.20	20.60	0	0	0%
Small-Scale Hydropower (up to 1,000 kW)								
10-250 kW 251-1,000 kW		N/A N/A	N/A N/A	19.80 18.55	21.35 20.10	0 0	0 0	0%
OE Total:	22,000					20	19,496	88.6%

Recommended First 2015 Open Enrollment RE Growth Program Certificates of Eligibility

Class	Nameplate (kW)	PBI (cents/kWh)	Project Location
Medium-Scale Solar (26-250 kW DC)	206	24.40	Woonsocket
Commercial-Scale Solar (251-999 kW DC)	499	20.00	Hopkinton
Commercial-Scale Solar (251-999 kW DC)	999	19.00	Exeter
Large Solar (1,000 to 5,000 kW DC)	2,594	15.94	Foster
Large Solar (1,000 to 5,000 kW DC)	4,050	16.59	East Providence
Wind (3,000-5,000 kW)	4,500	22.35	Coventry

Total: 12,848

Recommended Second 2015 Open Enrollment RE Growth Program Certificates of Eligibility

Class	Nameplate (kW)	PBI (cents/kWh)	Project Location
Medium-Scale Solar (26-250 kW DC)	249	24.400	Tiverton
Medium-Scale Solar	250	24.400	Glocester
Medium-Scale Solar	250	24.400	Glocester
Medium-Scale Solar	250	24.400	Glocester
Medium-Scale Solar	250	24.400	Glocester
Medium-Scale Solar	250	24.400	Glocester
Medium-Scale Solar	250	24.400	Glocester
Medium-Scale Solar	250	24.400	Little Compton
Medium-Scale Solar	250	24.400	Mapleville
Medium-Scale Solar	250	24.400	Smithfield
Commercial-Scale Solar (251-999 kW DC)	750	17.850	Richmond
Commercial-Scale Solar	900	17.850	North Smithfield
Commercial-Scale Solar	999	19.600	North Kingstown
Wind (3,000-5,000 kW)	1,500	22.750	Coventry

Total: 6,648