

New York State Renewable Portfolio Standard

Customer-Sited Tier Status Report Through December 31, 2018

Final Report | March 2019

NYSERDA's Promise to New Yorkers:

NYSERDA provides resources, expertise, and objective information so New Yorkers can make confident, informed energy decisions.

Mission Statement:

Advance innovative energy solutions in ways that improve New York's economy and environment.

Vision Statement:

Serve as a catalyst – advancing energy innovation, technology, and investment; transforming New York's economy; and empowering people to choose clean and efficient energy as part of their everyday lives.

New York State Renewable Portfolio Standard

Customer-Sited Tier Status Report through December 31, 2018

Final Report

Prepared by:

New York State Energy Research and Development Authority

Albany, NY

March 2019

This report provides metrics information through December 31, 2018 for all non-solar technologies supported by NYSERDA's legacy Renewable Portfolio Standard (RPS) Customer-Sited Tier (CST) program. For ease of reference, the report also includes the December 31, 2018 financial status for the totality of the RPS, which includes financial status information specific to these non-solar CST technologies.

NYSERDA's continued support for CST renewables is encompassed in the Clean Energy Fund (CEF), including NY-Sun for solar PV. Separate reporting on the CEF and NY-Sun metrics and financial status can be found on NYSERDA's website.^{1,2}

Separate reporting will also cover NYSERDA's legacy RPS Main Tier metrics and financial status.

¹ [nyseda.ny.gov/About/Publications/Program-Planning-Status-and-Evaluation-Reports/Clean-Energy-Fund-Reports](https://www.nyseda.ny.gov/About/Publications/Program-Planning-Status-and-Evaluation-Reports/Clean-Energy-Fund-Reports)

² [nyseda.ny.gov/About/Publications/Program-Planning-Status-and-Evaluation-Reports/NY-Sun-Performance-Reports](https://www.nyseda.ny.gov/About/Publications/Program-Planning-Status-and-Evaluation-Reports/NY-Sun-Performance-Reports)

Renewable Portfolio Standard Program Progress as of 12/31/2018

Actual and Expected Capacity (MW)

		2015 MW Target (1)	Projects Completed	Projects Contracted but not yet Completed	Grand Total
Fuel Cells	Target MW	8.6	0.0	0.0	8.6
	MW		9.01	0.63	9.64
Anaerobic Digester Biogas	Target MW	31.9	0.0	0.0	31.9
	MW		10.85	5.68	16.53
On-Site Wind	Target MW	25.5	0.0	0.0	25.5
	MW		6.69	0.04	6.73
Solar Thermal	Target MW	35.1	0.0	0.0	35.1
	MW		18.34	0.64	18.98
Grand Total	Target MW	101.1	0.0	0.0	101.1
	MW		44.90	6.99	51.88

Actual and Expected Annual Generation (MWh)

		2015 MWh Target (1)	Projects Completed	Projects Contracted but not yet Completed	Grand Total
Fuel Cells	Target MWh	66,075	0	0	66,075
	Total MWh Progress		68,079	4,992	73,071
Anaerobic Digester Biogas	Target MWh	225,490	0	0	225,490
	Total MWh Progress		75,225	37,304	112,529
On-Site Wind	Target MWh	61,910	0	0	61,910
	Total MWh Progress		15,414	61	15,474
Solar Thermal	Target MWh	39,954	0	0	39,954
	Total MWh Progress		21,526	755	22,281
Grand Total	Target MWh	393,429	0	0	393,429
	Total MWh Progress		180,243	43,112	223,355

Program Notes:

- (1) 2015 Target (MW and MWh) - Cumulative CST expected results 2007–2015 as stated in June 2012 Customer-Sited Tier Program Operating Plan.
- (2) Solar Thermal (MW and MWh) – MW and MWh are calculated using the displaced electric usage from electric water heaters.

Financial Status Report as of December 31, 2018

Program	Total Budget	Expended ^a	Encumbered ^b	Expended + Encumbered	Expended + Encumbered as % of Total Budget	Pre-encumbrances ^c	Expended + Encumbered + Pre-encumbered	Expended + Encumbered + Pre-encumbered as % of Total Budget	Uncommitted
Main Tier									
RFP 916	\$ 127,439,232	127,439,232	-	127,439,231.71	100.0%	-	127,439,232	100.0%	-
RFP 1037	148,992,076	145,251,714	3,740,363	148,992,076.34	100.0%	-	148,992,076	100.0%	-
RFP 1168	60,724,013	56,296,704	4,427,308	60,724,012.75	100.0%	-	60,724,013	100.0%	-
RFP 1681	21,171,775	14,461,900	6,709,875	21,171,774.84	100.0%	-	21,171,775	100.0%	-
RFP 1851	163,195,721	109,855,304	53,340,417	163,195,720.91	100.0%	-	163,195,721	100.0%	-
RFP 2226	140,476,088	63,361,674	77,114,414	140,476,087.71	100.0%	-	140,476,088	100.0%	-
RFP 2389	119,919,249	62,214,293	57,704,956	119,919,248.98	100.0%	-	119,919,249	100.0%	-
RFP 2554	28,200,489	10,066,996	18,133,493	28,200,489.00	100.0%	-	28,200,489	100.0%	-
RFP 3084	30,860	30,860	-	30,860.00	100.0%	-	30,860	100.0%	-
RFP 3257	156,130	98,050	58,080	156,129.66	100.0%	-	156,130	100.0%	-
Boralex- Maintenance Tier	10,605,020	10,605,020	-	10,605,020.00	100.0%	-	10,605,020	100.0%	-
Azure- Maintenance Tier	500,000	252,820	247,180	500,000.00	100.0%	-	500,000	100.0%	-
Lyonsdale - Maintenance Tier	26,275,278	26,275,278	-	26,275,278.05	100.0%	-	26,275,278	100.0%	-
Generation Attributes Tracking System	91,314	91,314	-	91,313.55	100.0%	-	91,314	100.0%	-
Available Main Tier/Maintenance Resource Funding d	217,173,728	-	-	-	0.0%	-	-	0.0%	217,173,728
Subtotal - Main Tier	1,064,950,971	626,301,157	221,476,086	847,777,244	79.6%	-	847,777,244	79.6%	217,173,728
Customer-Sited Tier									
Pre-2014 PV Funding	385,649,457	306,398,084	21,756,497	328,154,581	85.1%	-	328,154,581	85.1%	57,494,876
Fuel Cells	38,597,205	11,765,164	18,782,041	30,547,205	79.1%	-	30,547,205	79.1%	8,050,000
Anaerobic Digesters	55,520,102	23,931,526	24,724,506	48,656,032	87.6%	-	48,656,032	87.6%	6,864,070
Small Wind	14,817,338	13,622,568	56,176	13,678,744	92.3%	-	13,678,744	92.3%	1,138,594
Solar Thermal	28,443,991	20,174,165	791,785	20,965,950	73.7%	-	20,965,950	73.7%	7,478,041
Subtotal - Customer-Sited Tier	523,028,093	375,891,507	66,111,005	442,002,512	84.5%	-	442,002,512	84.5%	81,025,581
Subtotal - Program Funding	1,587,979,064	1,002,192,664	287,587,091	1,289,779,756	81.2%	-	1,289,779,756	81.2%	298,199,308
Administration									
Administration - Staff/Overhead	49,782,442	38,802,639	55,099	38,857,738	92.1%	3,862,917	42,720,656	100.0%	-
QAQC-CST	-	6,021,563	956,224	6,977,787	-	84,000	7,061,787	-	-
Administration-Consultant Support	4,033,155	3,942,476	90,679	4,033,155	100.0%	-	4,033,155	100.0%	-
NYS Cost Recovery Fee	49,034,025	25,510,512	-	25,510,512	52.0%	23,523,513	49,034,025	100.0%	-
Evaluation - Staff/Overhead & Consultant Support	2,432,827	1,525,431	139,740	1,665,171	68.4%	767,656	2,432,827	100.0%	-
Subtotal - Administration	105,282,449	75,802,622	1,241,742	77,044,364	73.2%	28,238,086	105,282,449	100.0%	-
TOTAL RENEWABLE PORTFOLIO STANDARD	\$ 1,693,261,513	1,077,995,286	288,828,833	1,366,824,119	80.7%	28,238,086	1,395,062,205	82.4%	298,199,308

^a Expended funds include contractor invoices processed for payment by NYSERDA.

^b Encumbered funds include remaining funds obligated under a contract, purchase order, or incentive award.

^c Pre-encumbrances include planned funding for contracts awarded and under negotiation.

^d The Available funds budget decreased from December 31, 2017 as a result of various Orders issued by the Public Service Commission during 2018, repurposing certain RPS funding. A portion of the reduction reflects the preliminary budget estimates of Administration, Evaluation, and NYS Cost Recovery Fee related to the Commission's December 31, 2018 Order Establishing Energy Storage Goal And Deployment Policy (Case 18-E-0130); final amounts are subject to change pending submission of an operating plan and approval by the Commission.

NYSERDA, a public benefit corporation, offers objective information and analysis, innovative programs, technical expertise, and support to help New Yorkers increase energy efficiency, save money, use renewable energy, and reduce reliance on fossil fuels. NYSERDA professionals work to protect the environment and create clean-energy jobs. NYSERDA has been developing partnerships to advance innovative energy solutions in New York State since 1975.

To learn more about NYSERDA's programs and funding opportunities, visit nyserda.ny.gov or follow us on Twitter, Facebook, YouTube, or Instagram.

**New York State
Energy Research and
Development Authority**

17 Columbia Circle
Albany, NY 12203-6399

toll free: 866-NYSERDA
local: 518-862-1090
fax: 518-862-1091

info@nyserda.ny.gov
nyserda.ny.gov



NYSERDA

State of New York

Andrew M. Cuomo, Governor

New York State Energy Research and Development Authority

Richard L. Kauffman, Chair | Alicia Barton, President and CEO