


Capacity Analysis



May 2015

PJM GATS Registered Solar Projects

State	Registered (MW)	Month Over Month Increase (MW) <sup>1</sup>	Current Year Requirement (MW) <sup>3</sup>	Next Year Requirement (MW) <sup>3</sup>	# of Projects ≥ 1 MW	Capacity of Projects ≥ 1 MW
New Jersey	Current		EY2015	EY2016		
NJ Systems Certified in NJ & Other States	22.2				6	18.1
NJ Systems Only Certified in NJ	1,417.0				211	602.6
NJ <sup>2</sup> Certified Total	1,439.1	6.0	1,577.8	1,788.7	217	620.7
Maryland	Current		CY2015	CY2016		
MD In-State Systems Certified in MD & Other States	45.1				5	35.5
MD In-State Systems Only Certified in MD	222.8				24	60.2
MD Certified (In-State) Total	268.0	4.5	263.1	372.0	29	95.7
Pennsylvania	Current		EY2015	EY2016		
PA In-State Systems Certified in PA & Other States	133.9				18	44.2
PA In-State Systems Only Certified in PA	80.1				13	23.5
PA In-State Total	214.0				31	67.7
PA Out-of-State Systems Certified in PA & Other States	147.1				17	109.3
PA Out-of-State Systems Only Certified in PA	109.2				11	100.4
PA Out-of-State Total	256.3				28	209.7
PA <sup>2</sup> Certified Total	470.3	0.4	178.0	312.1	59	277.4
Washington D.C.	Current		CY2015	CY2016		
DC Sited Systems Certified in DC & Other States	0.2				-	-
DC Sited Systems Only Certified in DC	14.4				-	-
DC Sited Total	14.7				-	-
Non-DC Sited Systems Certified in DC & Other States	16.9				-	-
Non-DC Sited Systems Only Certified in DC	3.5				1	1.2
Non-DC Sited Total	20.5				1	1.2
DC Certified Total	35.1	0.1	66.0	78.5	1	1.2
Delaware	Current		EY2014	EY2015		
DE Systems Certified in DE & Other States	53.6				3	44.4
DE Systems Only Certified in DE	35.3				3	17.6
DE <sup>2</sup> Certified Total	88.8	28.0	76.7	96.9	6	62.0
Ohio	Current		CY2015 <sup>4</sup>	CY2016 <sup>4</sup>		
OH Sited Systems Certified in OH & Other States	23.9				3	11.3
OH Sited Systems Only Certified in OH	89.1				18	46.6
OH Sited Total	112.9				21	57.9
Non-OH Sited Systems Certified in OH & Other States	135.5				18	44.2
Non-OH Sited Systems Only Certified in OH	5.8				-	-
OH Out-of-State Total	141.3				18	44.2
OH Certified Total	254.2	4.1	153.3	154.9	39	102.1
Total Certified Systems - All PJM Markets <sup>5</sup>	2,260.6	14.8			316	1,005.5

Source: PJM GATS Public Reports - "Renewable Generators Registered in GATS" as of 6/4/15

MA DOER Solar Projects

State	Registered (MW)	Month Over Month Increase (MW) <sup>1</sup>	Current Year Requirement (MW) <sup>3</sup>	Next Year Requirement (MW) <sup>3</sup>	# of Projects ≥ 1 MW	Capacity of Projects ≥ 1 MW
Massachusetts SREC - I	Current		CY2014	CY2015		
Operational and Qualified	647.1	0.7			150	408.6
Not Operational and Qualified	6.7	(1.3)			2	5.9
MA Total Capacity Qualified	653.8	(0.6)	395.0	655.5	152	414.5

Source: MA DOER Report - "RPS Solar Carve-Out Qualified Renewable Generation Units" as of 6/15/15

Massachusetts SREC - II - Qualified	Current		CY2014	CY2015		
Market Sector A - Operational	71.4	9.2			-	-
Market Sector B - Operational	35.0	2.3			5	8.2
Market Sector C - Operational	8.6	-			4	7.9
Managed Growth Sector - Operational	17.7	2.5			5	17.7
Not Operational Qualified or Has Assurance of Qualification <sup>6</sup>	155.9	1.7			47	143.5
MA Total Capacity Qualified or Assured Qualification	288.5	15.7	85.0	230.0	61	177.3
Massachusetts SREC - II - Under Review	Current					
Market Sector A - Operational	20.4	-			-	-
Market Sector B - Operational	4.4	-			-	-
Market Sector C - Operational	-	-			-	-
Managed Growth Sector - Operational	-	-			-	-
Unassigned Market Sector - Operational	0.3	-			-	-
Not Operational and Under Review	33.9	-			8	21.2
MA Total Capacity Under Review	59.0	-			8	21.2

Notes:

1. Represents the increase in certified operational capacity from the prior month's SRECTrade SREC Markets Report or MA DOER Report.

2. CY=Calendar Year, EY=Energy Year. DE, NJ, and PA energy years run from June 1 - May 31

3. Estimated Required Capacity - Current and Next Reporting year reflects the total capacity that must be running on average throughout the year to meet the solar requirement in that year. This could be impacted by prior year SRECs eligible to be carried forward. Figures based on RPS requirements, EIA data through 2013, and SRECTrade estimates. MA has converted to megawatt capacity requirement at a rate of 1,200 MWhs in PJM and 1,160 MWhs in MA per year per MW. MA estimates take into consideration the impact of the TransCanada settlement. The MA CY2015 requirement utilizes the existing total qualified capacity as its maximum amount as no more capacity is eligible to be registered under SREC-I.

4. On 6/13/2014 the OH Governor signed legislation that froze the OH RPS at 2014 levels through 2016 and removed the requirement that 50% of the RPS requirement be sourced for in-state facilities

5. Total Certified Systems - All PJM Markets: These figures do not equal the sum of total certified capacity and quantity of projects greater than 1 MW due to systems certified in multiple states.

6. The majority of these projects fall under the managed growth market sector.