

**Commonwealth of Massachusetts**  
**Executive Office of Energy and Environmental Affairs**  
**DEPARTMENT OF ENERGY RESOURCES**  
**RPS SOLAR CARVE-OUT**

**Final Determination of CY 2014 Total Compliance Obligation**  
*(per 225 CMR 14.07(2)(d))*  
*(Revised on August 1st, 2013)*

**Formula**

$$\begin{aligned} \text{Total Compliance Obligation}_{CY} = & \\ & \text{Total Compliance Obligation}_{CY-1} \\ & + [\text{Total SRECs Generated (projected)}_{CY-1} - \text{SRECs Generated (actual)}_{CY-2}] \times 1.3 \\ & + \text{Banked Volume}_{CY-2} + \text{Auction Volume}_{CY-2} \end{aligned}$$

Term in Formula	CY 2014 Min Std Term	Value (MWh)	Source
Total Compliance Obligation <sub>CY-1</sub>	Total Compliance Obligation <sub>2013</sub>	189,297	per regulation; 225 CMR 14.07(2)(c)
Total SRECs Generated (projected) <sub>CY-1</sub>	Total SRECs Generated (projected) <sub>2013</sub>	269,197	DOER, as provided in Table of Projection Details below
SRECs Generated (actual) <sub>CY-2</sub>	SRECs Generated (actual) <sub>2012</sub>	118,356	NEPOOL GIS (see 2012 RPS/APS Annual Compliance Report, forthcoming)
Banked Volume <sub>CY-2</sub>	Banked Volume <sub>2012</sub>	1,398	NEPOOL GIS (see 2012 RPS/APS Annual Compliance Report, forthcoming)
Auction Volume <sub>CY-2</sub>	Auction Volume <sub>2012</sub> <sup>1</sup>	77,732	NEPOOL GIS (see 2012 RPS/APS Annual Compliance Report, forthcoming)

Calculations			
Total Compliance Obligation <sub>CY</sub> <sup>2</sup>	Total Compliance Obligation <sub>2014</sub>	464,520	per formula above and regulation; 225 CMR 14.07(2)(d)
2012 Load		48,992,429	2012 Utility Load Verification (see 2012 Annual Compliance Report, forthcoming)
CY 2014 Minimum Standard		0.9481%	division of above two terms

**Formula Results**

**Total Compliance Obligation<sub>2014</sub>**

$$464,520 \text{ MWh} = 189,297 \text{ MWh} + [269,197 - 118,356] \times 1.3 + 1,398 + 38,866 + 38,866$$

**CY 2013 Minimum Standard**

$$0.9481\% = 464,520 \text{ MWh} / 48,992,429 \text{ MWh} \times 100$$

**Table of Projection Details**

Projection of CY 2013 Total SRECs Generated (for use in formula above)	Total Capacity (MW)	Actual/Projected CY 2013 SREC Generation <sup>3</sup>
<b>Qualified Projects (installed through July 25, 2013)</b>		
Actual SRECs generated per NEPOOL GIS - Q1 2013		41,784
Expected MW/MWh reported by qualified projects (Q2-Q4 2013) <sup>4</sup>	245.882	206,003
<b>Expected Projects (to be installed August - December)</b>		
<b>State Supported Projects</b>		
Commonwealth Solar II	10.000	2,883
Solarize Mass	1.600	459
Private Sector Installations	90.000	18,068
<b>TOTAL</b>	<b>347.482</b>	<b>269,197</b>

<sup>1</sup> As the 2nd round of the 2012 Solar Credit Clearinghouse Auction held on July 31, 2013 did not fully clear, the auction volume of 38,866 was added to the Compliance Obligation for 2014 twice, resulting in a total volume of 77,732 added.

<sup>2</sup> Stakeholders should note that the full compliance obligation is not necessarily required to be met with the purchase of SRECs. This is because any load served by competitive retail electric suppliers that was under contract prior to January 1, 2010 is exempt from paying the full Solar Carve-Out ACP Rate and can instead be met by ACP payments made at the RPS Class I ACP rate. This effectively reduces the actual demand for SRECs generated in any given Compliance Year. The table below shows the number of MWh served under pre-2010 contracts in 2010-2012 as well as the projections for the number of MWh that will be sold under these contracts in 2013-2017. More information will be provided in DOER's 2012 RPS/APS Annual Compliance Report that will be released later this year. All numbers in italics are projections.

Compliance Year	Pre-2010 Load (MWh)	Effective Reduction in SREC Demand (MWh x Minimum Standard)
2010	19,316,360	13,110
2011	7,247,205	11,691
2012	2,814,075	4,587
2013	1,762,769	6,757
2014	428,937	4,369
2015	101,306	Data Not Yet Available
2016	62,114	Data Not Yet Available
2017	10,000	Data Not Yet Available

<sup>3</sup> Projected generation assumes capacity factor of 13.21% for duration of year remaining after anticipated installation date

<sup>4</sup> Includes the capacity that generated the 41,784 SRECs in Q1 2013