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MASSACHUSETTS
CHAPTER

Michael Judge, Department of Energy Resources
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Re: **COMMENT:** Public hearing [#RPS](#) [#Solar](#) Carve-Out regs (225 CMR 14.00) and stakeholder meeting, March 22, 2013

Massachusetts is a leader again, this time in solar photovoltaic. The state has achieved its initial goal 4 years ahead of plan, and solar pv has caught on beyond the most optimistic expectations with innovative programs like Mass Clean Energy Center's Solarize Massachusetts. The Massachusetts Sierra Club, representing about 22,000 members throughout the state, joins with other organizations in calling for a goal of 1600 MW solar pv installed statewide, including 50,000 residential solar roofs by 2020 and 150,000 residential solar roofs by 2030.

The current goal of 400 MW of electricity from clean, locally produced electricity seems insignificant – in fact timid - given our astounding success to date. The goal of 1600 MW of solar pv can produce 1,920,000 megawatt hours of clean electricity per year. And assuming an average installed cost of even as low as \$3.50 per watt, it represents a **\$5,600 billion market.**

Goals of 50,000 more solar roofs by 2020 and 150,000 by 2030 seem equally modest given that there are 2.8 million single and multi-family dwelling units in the state. See <http://quickfacts.census.gov/qfd/states/25000.html> and [Massachusetts Chapter Sierra Club](#)

Achieving those goals will not only help the state meet its obligations under the Global Warming Solutions Act, but also support over 3,000 high value skilled and semi-skilled jobs per year. Only by taking bold steps will we create high value jobs here and keep our energy dollars at home.

But this is just another step in attacking coal and other greenhouse gas sources. We still have to help use solar pv those who have roofs too shady and those in multi-unit dwellings. And at the same time, we need the technology and incentives to convert all those oil and gas fired home heating systems to clean energy.

So let us continue to be bold and be a clean energy leader in solar pv.

Sierra Club, Massachusetts Chapter

Edward Woll, Jr., Chair Energy Committee