

<b>Docket:</b>	<b>R. 10-05-006</b>
<b>Exhibit No.:</b>	<b>506</b>
<b>Commissioner:</b>	<b>Michael R. Peevey</b>
<b>ALJ:</b>	<b>Peter V. Allen</b>
<b>Witnesses:</b>	<b>Rory Cox</b>

## **PACIFIC ENVIRONMENT**

### **Exhibit 506 of Pacific Environment (Excerpt of SDG&E's Smart Grid Deployment Plan)**

**Rulemaking No. 10-05-006**  
Long-Term Procurement Planning Track III Testimony  
San Francisco, CA  
August 15, 2011

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## Section 6 – ROADMAP

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## 6.2.2 RENEWABLE PORTFOLIO STANDARD (RPS)

SB 112 requires California's retail sellers of electricity to serve 20 percent of their load with renewable energy by 2013, 25 percent by 2016 and 33 percent by 2020.

SB 112 also sets rules for the use of Renewable Energy Credits (RECs) by establishing a cap of no more than 25 percent unbundled RECs going towards the RPS between 2011 and 2013, 15 percent from 2014 to 2016, and 10 percent thereafter.

Executive Order S 06 06 (2006) promotes the use of bioenergy, and calls for the state to meet a 20 percent target for the use of biomass for electricity generation within the established state goals for renewable generation for 2010 and 2020.

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## 6.2.3 DISTRIBUTED ENERGY RESOURCES

California Solar Initiative (SB 1 (2006) aka Million Solar Roofs Program): the goal of this program is to install 3,000 MW of distributed solar PV electricity generation in California by the end of 2016. SDG&E's portion of this program is 180.3 MW.

Renewable Auction Mechanism (RAM): The Commission enacted RAM FIT (Renewable Auction Feed-in Tariff Mechanism) which will require SDG&E to acquire 81 MW of additional distributed renewable generation resources.

SDG&E Solar Energy Project (SEP): approved by the Commission in September 2009, will add an additional 100 MW of PV to SDG&E's renewable generation resources. The SEP will consist of 26 MW of SDG&E owned PV and as an additional 74 MW of Power Purchase Agreements.

Feed-in Tariffs (FiTs): AB 1969 (2006) and SB 380 (2008) provide a standard contract and tariff price for renewable generators up to 1.5 MW at a set price. SDG&E's combined allocation under these programs is 41.1 MW. SB 32 (2009) expands the existing FiTs to eligible renewable facilities up to 3 MW. Implementation of SB 32 is still underway at the Commission.