

SDG&E  
1-Aug-13  
2012 Preliminary Annual 33% RPS Compliance Report  
Narrative Reporting Requirements  
Developing Projects Status

CPUC ID	Contract	Contract Status	Facility Status	The status of any necessary siting and permitting approvals from federal, state, and local agencies for those eligible renewable energy resources procured by the retail seller that have not yet attained their commercial on-line dates.
SD5000	Campo Verde Solar ( formerly Mt Signal Solar & Bethel I)	CPUC approved	under development - on schedule	
SD5040	SDG&E Solar Egy Proj (UOG - PV)	CPUC approved	under development - on schedule	
SD7007	NaturEner (RimRock)	CPUC approved	under development - delayed	
SD5001	Centinela Solar Energy	CPUC approved	under development - on schedule	
SD5002	Centinela Solar Energy II	CPUC approved	under development - on schedule	
SD5003	CSolar IV South (Tenaska South)	CPUC approved	under development - on schedule	
SD7016	Ocotillo Express, LLC (Pattern)	CPUC approved	under development - on schedule	
SD5026-SD5029	Sol Orchard	CPUC approved	under development - on schedule	
SD5008	Desert Green Solar Farm	CPUC approved	under development - on schedule	
SD5006	LanEast Solar Farm	CPUC approved	under development - delayed	
SD5007	LanWest Solar Farm	CPUC approved	under development - delayed	
SD5030	Rugged Solar	CPUC approved	under development - delayed	
SD5031	Tierra Del Sol Solar Farm	CPUC approved	under development - delayed	
SD5033	Catalina Solar LLC (enXco Catalina)	CPUC approved	under development - delayed	
SD5004	CSolar IV (Tenaska West)	CPUC approved	under development - delayed	
SD5032	LS Power Arlington Valley Solar II	CPUC approved	under development - on schedule	
SD7017	Sempre Energia Sierra Juarez (ESJ)	CPUC approved	under development- delayed	
SD5034	SolarGen 2	CPUC approved	under development - delayed	
SD5037	AES-Solar/8minenergy	CPUC approved	under development - delayed	
N/A	Gestamp Calipatria	CPUC approved	under development - on schedule	
N/A	Regenerate Seville	CPUC approved	under development - on schedule	
N/A	Rugraw/Lassen Hydroelectric	CPUC approved	under development-on schedule	
N/A	Cascade Solar	CPUC approved	under development-on schedule	
N/A	Victor Mesa Linda B	CPUC approved	under development- delayed	

SDG&E

1-Aug-13

2012 Preliminary Annual 33% RPS Compliance Report

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Identification of all procurement from eligible RPS resources located outside CA

CPUC ID	Contract Year	Contract Detail	Facility Name	Facility Location (City, State)	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Contract Status
SD7005	2008	Naturener (Glacier Wind Energy 1)	Glacier Wind Energy I	Ethridge, MT	315,043	288,018	284,693	273,155	273,155	273,155	273,155	273,155	273,155	273,155	CPUC approved
SD7006	2008	Naturener (Glacier Wind Energy 2)	Glacier Wind Energy II	Ethridge, MT	324,659	289,846	269,201	275,008	275,008	275,008	275,008	275,008	275,008	275,008	CPUC approved
SD7007	2009	NaturEner (RimRock)	RimRock	Kevin, MT	-	83,940	451,641	646,000	646,000	646,000	646,000	646,000	646,000	646,000	CPUC approved
SD5032	2011	LS Power Arlington Valley Solar II	Arlington Valley Solar II	Hassayampa, AZ	-	-	95,658	272,973	271,608	270,250	268,898	267,554	266,216	264,885	CPUC approved
SD7017	2011	Sempra Energia Sierra Juarez (ESJ)	ESJ	Ejido Jacume, Mexico	-	-	-	112,777	338,331	338,331	338,331	338,331	338,331	338,331	CPUC approved

SDG&E  
 1-Aug-13  
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 Identification of all procurement of unbundled renewable energy credits (RECs) during reporting period

CPUC ID	Contract Year	Contract Detail	Facility Name	Facility Location (City, State)	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Contract Status
SD2009	2012	Sierra Pacific Industries	SPI Anderson, SPI Burney, SPI Lincoln, and SPI Quincy	Anderson, Burney, Lincoln, and Quincy, CA	0	102,203	0	0	0	0	0	0	0	0	CPUC Approved
N/A	2012	Finerty Group	Various	Various, CA	0	139,433	0	0	0	0	0	0	0	0	CPUC Approved

SDG&E

1-Aug-13

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The current status and progress: Construction and Upgrades to transmission and distribution facilities

## **Background**

### Description of the projects

The following projects will increase the capability of proposed renewable generation projects to connect to the CAISO-controlled grid, which will support SDG&E's compliance with the State of California's Renewable Portfolio Standard (RPS) and the California legislation requiring substantial reductions in greenhouse gas emissions. These projects will also significantly improve the reliability of the CAISO's bulk power transmission system and reduce the cost of power to customers by reducing transmission congestion on the CAISO-controlled transmission grid and help SDG&E maintain reliable service to its customers.

### Sunrise Powerlink

The Sunrise Powerlink was completed and energized in June 2012. Sunrise is a 117 mile, 500 kV transmission line from Imperial Valley to San Diego. Sunrise has greatly enhanced reliability, gained access to renewables in the Imperial Valley and will facilitate SDG&E compliance with the RPS goals. In 2013, five solar projects, totaling close to 900 MW, will reach their in service dates and begin producing power that will connect to Imperial Valley Substation and be transported to San Diego on the Sunrise and the Southwest Power Links.

### Imperial Valley Renewable Projects (Drew substation)

SDG&E, along with renewable developers constructed a 230 kV collector switchyard southeast of Imperial Valley Substation to connect solar projects utilizing only one transmission line to deliver the energy to Imperial Valley Substation. The collector system concept originated from a request from the Bureau of Land Management to minimize environmental impacts. Additionally, this concept will be used in the north to collect and connect projects north of Imperial Valley Substation. In 2013, three projects have connected to the collector switchyard.

### East County Substation (ECO) Project

The ECO Project, located in Jacumba, California, consists of construction a new 500/230 kV substation that will loop in the existing Southwest PowerLink, and rebuilding the existing 69 kV Boulevard substation to a 138/69/12 kV and provide a second source to Boulevard and San Diego Eastern County. The ECO Project can interconnect up to 2000 megawatts (MW) of generating resources, consisting primarily of wind and solar generation. In addition to supporting renewable generation development, the project addresses the reliability needs of Eastern San Diego by providing a much needed second source of electricity to the previously radially fed East County. SDG&E has started construction and anticipates completion in the 4th quarter of 2014.