

Renewables Portfolio Standard

Project Development Status Report

Please enter the name of your utility and the name of the analyst primarily responsible for completing the report.

Utility Name	San Diego Gas & Electric Company
Analyst Name	Steve Taylor

Utilizing the file provided by Energy Division, fill out the Project Information tab (highlight changes in green - legibly), complete the attestation, and e-mail the completed file to the address below.

Robert Blackney
California Public Utilities Commission
email: robert.blackney@cpuc.ca.gov
phone: 415-703-3072

All projects included in the March 2013 filing should be included, in addition to any new projects. Instructions are included as comments in the column headers.

Project Development Status Report Updates are due by close of business on August 1, 2013.

Overall Status	CPUC ID	IOU ID	IOU Contact Person (name, e-mail, phone number)	Project Name	Special Purpose Entity	Primary Developer	Secondary Developer	Technology Type	Solicitation / Bilateral Year	Contract Type	Expected PCC Classification	REC or Bundled Product	Contract Length (years)	Energy Delivery Status	Negotiation Status	CPUC Approval Status	CPUC Approval Date (if Applicable)	Contract Execution Date	PPA Status	Reason for Termination	Contract Capacity (MW)
PROJECTS IN DEVELOPMENT																					
	SD1011	SDG00011D	Dean Kinports: 858-654-8679	MM Prima Deshecha Energy Phase 4				Landfill gas	2004			Bundled	15		N/A	Approved	12/15/2005	9/6/2005	PPA Executed		3.00
	SD5016	SDG00041	Dean Kinports: 858-654-8679	Campo Verde Solar				Solar PV - Ground mount	2005			Bundled	20		N/A	Approved	3/15/2007	11/10/2006	PPA Executed		131.00
	SD7007	SDG00048	Dean Kinports: 858-654-8679	Rim Rock				Wind	2008			REC	20		N/A	Approved	11/20/2009	5/5/2009	PPA Executed		189.00
	SD5040	SDG00047	Dean Kinports: 858-654-8679	SDG&E Solar Energy Project				Solar PV - Ground mount	2011			Bundled	25	Advanced: Individually Presented to PRG	Approved	9/2/2010	8/5/2012				17.00
	SD7024	SDG00049	Dean Kinports: 858-654-8679	Shu'luuk				Wind	2008			Bundled	20		N/A	Not yet submitted for approval	N/A		Under negotiation		160.00
	SD5001	SDG00050	Dean Kinports: 858-654-8679	Centinela Solar Energy Facility				Solar PV - Ground mount	2009			Bundled	20		N/A	Approved	1/13/2011	5/10/2010	PPA Executed		125.00
	SD7017	SDG00051	Dean Kinports: 858-654-8679	Energia Sierra Juarez				Wind	2009			Bundled	20		N/A	Approved	3/22/2012	4/6/2011	PPA Executed		150.00
	SD7016	SDG00052	Dean Kinports: 858-654-8679	Ocotillo Express Wind Project				Wind	2009			Bundled	20		N/A	Approved	1/12/2012	2/1/2011	PPA Executed		285.29
	SD5002	SDG00053	Dean Kinports: 858-654-8679	Centinela Solar Energy Facility Expansion				Solar PV - Ground mount	2010			Bundled	20		N/A	Approved	1/13/2011	7/29/2010	PPA Executed		30.00
	SD5003	SDG00054	Dean Kinports: 858-654-8679	Imperial Solar Energy Center-South				Solar PV - Ground mount	2010			Bundled	25		N/A	Approved	7/28/2011	11/10/2010	PPA Executed		130.00
	SD5004	SDG00055	Dean Kinports: 858-654-8679	Imperial Solar Energy Center-West				Solar PV - Ground mount	2010			Bundled	25		N/A	Approved	12/15/2011	3/8/2011	PPA Executed		140.00
	SD5006	SDG00057	Dean Kinports: 858-654-8679	LanEast Solar Farm LLC				Solar PV - Ground mount	2010			Bundled	30		N/A	Approved	11/10/2011	3/31/2011	PPA Executed		20.00
	SD5007	SDG00058	Dean Kinports: 858-654-8679	LanWest Solar Farm LLC				Solar PV - Ground mount	2010			Bundled	30		N/A	Approved	11/10/2011	3/31/2011	PPA Executed		5.00
	SD5008	SDG00059	Dean Kinports: 858-654-8679	Desert Green Solar Farm LLC				Solar PV - Ground mount	2010			Bundled	30		N/A	Approved	11/10/2011	3/31/2011	PPA Executed		5.00
	SD5034	SDG00061	Dean Kinports: 858-654-8679	Solar Gen 2				Solar PV - Ground mount	2010			Bundled	25		N/A	Approved	12/1/2011	6/24/2011	PPA Executed		150.00
	SD5030	SDG00062	Dean Kinports: 858-654-8679	Rugged Solar LLC				Solar PV - Ground mount	2010			Bundled	25		N/A	Approved	11/10/2011	5/17/2011	PPA Executed		80.00
	SD5031	SDG00063	Dean Kinports: 858-654-8679	Tierra del Sol Solar Farm LLC				Solar PV - Ground mount	2010			Bundled	25		N/A	Approved	11/10/2011	5/17/2011	PPA Executed		45.00
	SD5024	SDG00068	Dean Kinports: 858-654-8679	Alpine				Solar PV - Ground mount	2010			Bundled	25		N/A	Approved	6/7/2012	4/11/2011	PPA Executed	PPA Terminated at Sellers request due to delay in permitting	2.00
	SD5009	SDG00079	Dean Kinports: 858-654-8679	Boulevard B1				Solar PV - Ground mount	2010			Bundled	25		N/A	Approved	6/7/2012	4/11/2011	PPA Executed	PPA Terminated at Sellers request due to delay in permitting	2.50
	SD5010	SDG00080	Dean Kinports: 858-654-8679	Boulevard B2				Solar PV - Ground mount	2010			Bundled	25		N/A	Approved	6/7/2012	4/11/2011	PPA Executed	PPA Terminated at Sellers request due to delay in permitting	2.50
	SD5026	SDG00081	Dean Kinports: 858-654-8679	Ramona 1				Solar PV - Ground mount	2010			Bundled	25		N/A	Approved	6/7/2012	4/11/2011	PPA Executed		2.50
	SD5027	SDG00082	Dean Kinports: 858-654-8679	Ramona 2				Solar PV - Ground mount	2010			Bundled	25		N/A	Approved	6/7/2012	4/11/2011	PPA Executed		5.00
	SD5028	SDG00083	Dean Kinports: 858-654-8679	Valley Center 1				Solar PV - Ground mount	2010			Bundled	25		N/A	Approved	6/7/2012	4/11/2011	PPA Executed		2.50
	SD5029	SDG00084	Dean Kinports: 858-654-8679	Valley Center 2				Solar PV - Ground mount	2010			Bundled	25		N/A	Approved	6/7/2012	4/11/2011	PPA Executed		5.00
	SD5032	SDG00086	Dean Kinports: 858-654-8679	Arlington Valley Solar Energy II				Solar PV - Ground mount	2011			Bundled	25		N/A	Approved	10/20/2011	6/3/2011	PPA Executed		127.00
	SD5033	SDG00087	Dean Kinports: 858-654-8679	Catalina Solar				Solar PV - Ground mount	2011			Bundled	25		N/A	Approved	3/8/2012	6/3/2011	PPA Executed		110.00
	SD5037	SDG00101	Dean Kinports: 858-654-8679	Silver Ridge Mt. Signal				Solar PV - Ground mount	2011			Bundled	25		N/A	Approved	6/7/2012	2/10/2012	PPA Executed		200.00
	SD1013	SDG00117	Dean Kinports: 858-654-8679	Otay Landfill V - CRE				Landfill gas	2011			Bundled	20		N/A	Approved	N/A	12/27/2011	PPA Executed		1.50
	SD1014	SDG00118	Dean Kinports: 858-654-8679	Otay Landfill VI - CRE				Landfill gas	2011			Bundled	20		N/A	Approved	N/A	12/27/2011	PPA Executed		1.50
	SD2002	SDG00112	Dean Kinports: 858-654-8679	Mushroom Power - CRE				Biomass	2011			Bundled	20		N/A	Approved	N/A	12/12/2011	PPA Executed	PPA Terminated at Producers request due to delay in IA	1.50
		SDG00115	Dean Kinports: 858-654-8679	Victor Mesa Linda B				Solar PV - Ground mount	2011			Bundled	20		N/A	Approved	5/3/2012	3/30/2012	PPA Executed		5.00
		SDG00116	Dean Kinports: 858-654-8679	Western Antelope Dry Ranch				Solar PV - Ground mount	2011			Bundled	20		N/A	Approved	5/3/2012	3/30/2012	PPA Executed		10.00
		SDG00120	Dean Kinports: 858-654-8679	Zodiac Solar A				Solar PV - Ground mount	2012			Bundled	20		N/A	Approved	N/A	10/29/2012	PPA Executed		1.50
		SDG00121	Dean Kinports: 858-654-8679	Zodiac Solar E				Solar PV - Ground mount	2012			Bundled	20		N/A	Approved	N/A	10/29/2012	PPA Executed		0.99
		SDG00122	Dean Kinports: 858-654-8679	Global Renewable Energy dba Con Dios Solar 33				Solar PV - Ground mount	2012			Bundled	20		N/A	Approved	N/A	11/2/2012	PPA Executed		1.50
		SDG00123	Dean Kinports: 858-654-8679	Rugraw Inc. (Lassen Lodge Hydro)				Small hydro	2012			Bundled	20		N/A	Approved	12/13/2012	11/2/2012	PPA Executed		5.00
		SDG00124	Dean Kinports: 858-654-8679	Cascade Solar				Solar PV - Ground mount	2012			Bundled	20		N/A	Approved	12/13/2012	10/19/2012	PPA Executed		18.50
		SDG00126	Dean Kinports: 858-654-8679	MM San Diego-Miramar				Biogas	2012			Bundled	10		N/A	Approved	12/13/2012	11/9/2012	PPA Executed		4.50
		SDG00127	Dean Kinports: 858-654-8679	70SM 1 8ME, LLC (Calipatria)				Solar PV - Ground mount	2012			Bundled	20		N/A	Approved	N/A	12/13/2012	PPA Executed		20.00
		SDG00128	Dean Kinports: 858-654-8679	Seville Tailbear LLC				Solar PV - Ground mount	2012			Bundled	20		N/A	Approved	N/A	12/13/2012	PPA Executed		20.00
		SDG00129	Dean Kinports: 858-654-8679	Portfolio Sale					2012			Bundled	0.6			Approved	4/4/2013	12/14/2012	PPA Executed		8.50
		SDG00130	Dean Kinports: 858-654-8679	Portfolio Sale				Landfill gas	2012			REC	0.01			Approved	4/4/2013	12/18/2012	PPA Executed		
		SDG00131	Dean Kinports: 858-654-8679	Portfolio Sale					2013			Bundled	2			Pending approval		2/22/2013	PPA Executed		
		SDG00132	Dean Kinports: 858-654-8679	Portfolio Sale					2013			Bundled	3			Pending approval		2/28/2013	PPA Executed		
		SDG00133	Dean Kinports: 858-654-8679	Portfolio Sale					2013			Bundled	0.25			Approved	7/25/2013	4/8/2013	PPA Executed		
		SDG00134	Dean Kinports: 858-654-8679	NLP Valley Center Solar				Solar PV - Ground mount	2013			Bundled	20		N/A	Approved	7/2/2013	6/17/2013	PPA Executed		7.00
		SDG00135	Dean Kinports: 858-654-8679	Zephyr				Wind	2013			Bundled	10		N/A	Approved	N/A	4/16/2013	PPA Executed		3.50
		SDG00136	Dean Kinports: 858-654-8679	Phoenix				Wind	2013			Bundled	10		N/A	Approved	N/A	4/16/2013	PPA Executed		11.20
		SDG00137	Dean Kinports: 858-654-8679	Mancopa West				Solar PV - Ground mount	2013			Bundled	15		N/A	Approved	N/A	4/16/2013	PPA Executed		20.00
		SDG00138	Dean Kinports: 858-654-8679	Portfolio Sale					2013			Bundled	2			Pending approval		4/8/2013	PPA Executed		
		SDG00139	Dean Kinports: 858-654-8679	Buckman Springs PV 1				Solar PV - Ground mount	2013			Bundled	20		N/A	No approval needed	N/A	5/22/2013	PPA Executed		1.50
		SDG00140	Dean Kinports: 858-654-8679	Buckman Springs PV 2				Solar PV - Ground mount	2013			Bundled	20		N/A	No approval needed	N/A	5/22/2013	PPA Executed		1.50
		SDG00141	Dean Kinports: 858-654-8679	Viejas Blvd PV 1				Solar PV - Ground mount	2013			Bundled	20		N/A	No approval needed	N/A	5/22/2013	PPA Executed		1.50
		SDG00142	Dean Kinports: 858-654-8679	Portfolio Sale					2013			Bundled	0.25			Pending approval		5/29/2013	PPA Executed		
		SDG00143	Dean Kinports: 858-654-8679	Calico Ranch Solar Project				Solar PV - Ground mount	2013			Bundled	20		N/A	No approval needed	N/A	6/7/2013	PPA Executed		1.00
		SDG00144	Dean Kinports: 858-654-8679	Viejas Blvd PV2				Solar PV - Ground mount	2013			Bundled	20		N/A	No approval needed	N/A	7/23/2013	PPA Executed		1.50
		SDG00145	Dean Kinports: 858-654-8679	Rodger Miller Hydrogeneration				In-conduit Hydro	2013			Bundled	20		N/A	No approval needed	N/A	7/23/2013	PPA Executed		0.45

Min Capacity (MW)	Max Capacity (MW)	Expected Energy (GWh)	Min Energy (GWh)	Max Energy (GWh)	Vintage	City	County	State	Latitude	Longitude	CREZ	Expected or Actual permitting completion date	Is the EPC contract executed?	Guaranteed Construction Start Date	Expected or Actual Construction Start Date	Construction Status	Guaranteed COD	Expected or Actual COD	Milestone Progress Notes	General Project Information Notes	Advice Letter / Application Number	Advice Letter / Application Filing Date	Resolution / Decision Number
3.00	3.00	20.60				San Juan Capistrano	Orange	CA									10/01/18				1727E-A	11/15/2002	E-3966
123.00	139.00	276.00				El Centro	Imperial	CA									09/30/13				1845E	11/20/2006	E-4073
105.00	189.00	645.00				Kevin	Glacier	MT									12/31/12				2088E	5/29/2009	E-4277
0.00	17.00	30.00				Various	San Diego	CA													A0807017	7/11/2008	D1009016
160.00	160.00	420.00				Boulevard	San Diego	CA									12/31/14						
125.00	125.00	270.00				Calexico, CA	Imperial	CA									04/01/14				2171-E	5/19/2010	E-4388
100.00	156.00	400.00				La Rumorosa	N/A	BCN									11/06/13				2247-E	4/19/2011	E-4467
265.00	315.00	891.00				Ocotillo, CA	Imperial	CA									12/31/12				2234-E	3/4/2011	E-4458
30.00	45.00	86.00				Calexico, CA	Imperial	CA									09/01/14				2193-E	8/26/2010	E-4388
97.00	130.00	307.00				8 mi SW of El Centro, CA	Imperial	CA									01/01/14				2223-E	1/15/2011	E-4408
96.00	150.00	356.00				8 mi W of El Centro, CA	Imperial	CA									12/31/15				2257-E	5/27/2011	E-4446
12.00	22.00	48.00				2 miles E of Boulevard, CA	San Diego	CA									10/31/14				2270-E	3/31/2011	E-4439
3.50	6.50	12.00				2 miles E of Boulevard, CA	San Diego	CA									02/28/14				2270-E	3/31/2011	E-4439
3.50	6.50	12.00				Borrego Springs, CA	San Diego	CA									02/28/14				2270-E	3/31/2011	E-4439
150.00	150.00	361.00				Brawley, CA	Imperial	CA									02/24/14				2279-E	8/23/2011	E-4437
60.00	80.00	203.00				Boulevard	San Diego	CA									12/31/14				2270-E	7/14/2011	E-4439
35.00	45.00	113.00				Boulevard	San Diego	CA									12/31/14				2270-E	7/14/2011	E-4439
1.50	2.00	1.95				Alpine	San Diego	CA									12/31/12				2268-E	7/6/2011	E-4466
1.50	2.50	1.80				Boulevard	San Diego	CA									12/31/13				2268-E	7/6/2011	E-4466
1.50	2.50	1.80				Boulevard	San Diego	CA									12/31/13				2268-E	7/6/2011	E-4466
1.50	2.50	1.80				Ramona	San Diego	CA									12/31/13				2268-E	7/6/2011	E-4466
3.00	5.00	1.80				Ramona	San Diego	CA									12/31/13				2268-E	7/6/2011	E-4466
1.50	2.50	1.70				Valley Center	San Diego	CA									12/31/13				2268-E	7/6/2011	E-4466
3.00	5.00	1.70				Valley Center	San Diego	CA									12/31/13				2268-E	7/6/2011	E-4466
110.00	127.00	270.00				Arlington	Maricopa	AZ									12/20/13				2273-E	7/26/2011	E-4425
106.00	110.00	253.50				Rosamond	Kern	CA									06/30/13				2276-E	8/3/2011	E-4462
150.00	200.00	498.00				Calexico	Imperial	CA									12/31/13				2332-E	3/5/2012	E-4505
	1.50	12.48				San Diego	San Diego	CA									6/27/2013						
	1.50	12.48				San Diego	San Diego	CA									6/27/2013						
	1.50	10.51				Escondido	San Diego	CA									6/11/2013						
	5.00	9.50				Victorville	San Bernardino	CA									5/3/2014				AL 2343-E	4/3/2012	
	10.00	19.00				Lancaster	Los Angeles	CA									5/3/2014				AL 2343-E	4/3/2012	
		3.90				Protrero	San Diego	CA									4/29/2014						
		2.50				Protrero	San Diego	CA									4/29/2014						
		4.40				Valley Center	San Diego	CA									5/2/2014						
		21.70				Mineral	Tehama	CA									12/10/2014				AL 2418-E	11/9/2012	
		55.20				Joshua Tree	San Bernardino	CA									12/10/2014				AL 2418-E	11/9/2012	
		17.20				San Diego	San Diego	CA									5/20/2013				AL 2418-E	11/9/2012	
		59.00				Calipatria	Imperial	CA									4/1/2015				AL 2435-E	12/18/2012	E-4598
		59.00				El Centro	Imperial	CA									6/27/2015				AL 2435-E	12/18/2012	E-4599
		49.00				Various locations in SCE Area and Imperial Valley	Various	CA													AL 2441-E	12/28/2012	E-4579
		138.00				Various CA locations	Various CA locations	CA									12/1/2012				AL-2441	12/28/2012	E-4579
		200.00				Various	Various	CA													AL-2483E	5/29/2013	
		100.00				Various	Various	CA													AL-2483E	5/29/2013	
		200.00				Various	Various	CA													AL-2476	5/3/2013	E-4600
7.00	9.00	16.75				Valley Center	San Diego	CA									6/18/2015				2482-E	5/17/2013	
		6.80				Palm Springs	Riverside	CA									1/26/2014				2482-E	5/17/2013	
		32.38				Palm Springs	Riverside	CA									1/20/2015				2482-E	5/17/2013	
	25.90	57.55				Maricopa	Kern	CA													2482-E	5/17/2013	
		300.00				Various	Various	CA													AL-2483E	5/29/2013	
	1.50	3.35				Pine Valley	San Diego	CA									11/22/2014						
	1.50	3.35				Pine Valley	San Diego	CA									11/22/2014						
	1.50	3.35				Descanso	San Diego	CA									11/22/2014						
		150.00				Various	Various	CA													AL-2491	6/14/2013	
		2.33				Julian	San Diego	CA									12/7/2014						
		3.35				Descanso	San Diego	CA									1/23/2015				NA	NA	
	0.45	1.15				Encinitas	San Diego	CA									NA				NA	NA	

Interconnection and deliverability upgrades identified as needed (type, length, voltage)	CPUC application required for transmission upgrades?	Expected completion date for all required upgrades	TOTAL WEIGHTED SCORE	Project Development Experience	Ownership / O&M Experience	Technical Feasibility	Resource Quality	Manufacturing Supply Chain	Site Control	Permitting Status	Project Financing Status	Interconnection Progress	Transmission System Upgrade Requirements	Reasonableness of COD	Weighted Category Experience	Weighted Category Technical	Weighted Category Project

RPS PDSR Data Instructions Tool

Key
 Executed Contracts

 New item added 7/12/2011
 New item added post March 2012 PDSR
 New item added February 1, 2015

		IOU INSTRUCTIONS							
Columns	Data Type	Drop Down Menu (if applicable)	EXECUTED (excluding FITs)	FEED IN TARIFFS (FITs)	Under Negotiation (includes Bilaterals)	Column Dependencies	Blank Cell Allowed?	Notes on Changes for March 2012 Report	
Overall Status	Drop Down	Online In Development Under Negotiation Expired Terminated					N		
CPUC ID	Text	No Drop Down	• Provided by CPUC	• Provided by CPUC (usually "AS1466")	• Provided by CPUC		Y		
IOU ID	Text	No Drop Down	• CM Log Number	• CM Log Number	• Obtain contract ID from database		N		
IOU Contact Person (name, e-mail, phone number)	Text	No Drop Down	• Contract Manager for projects that are executed, terminated, or rejected after execution	• Contract Manager assigned to FITs	• Contractor for projects that are shortlisted under negotiations, or terminated prior to execution		N		
Project Name	Text	No Drop Down	• Same methodology as for March filing	• Same methodology as for March filing	• Same methodology as for March filing		N		
Special Purpose Entity	Text	No Drop Down	• Name of the entity established for the project (i.e. LLC) • Enter "N/A" if unknown	• Name of the entity established for the project (i.e. LLC) • Enter "N/A" if unknown	• Name of the entity established for the project (i.e. LLC)		N		
Primary Developer	Text	No Drop Down	• Developer with highest percentage interest in the project • Parent company unless wholesale aggregated contract • If wholesale aggregated contract, input name of aggregator (e.g., Shell, Barclays, etc.)	• Developer with highest percentage interest in the project	• Developer with highest percentage interest in the project • Parent company unless wholesale aggregated contract • If wholesale aggregated contract, input name of aggregator (e.g., Shell, Barclays, etc.)		N		
Secondary Developer	Text	No Drop Down	• Developer with 2nd highest percentage interest in the project • Enter N/A if none	• Developer with 2nd highest percentage interest in the project • Enter N/A if none	• Developer with 2nd highest percentage interest in the project • Enter N/A if none		N		
Technology Type	Drop Down	Biodiesel Biogas Biomass Conduit hydro Digester gas Geothermal Hybrid Landfill gas Municipal solid waste Ocean tidal Small hydro Solar PV - Rooftop Solar PV - Ground mount Solar Thermal - no storage Solar Thermal - with storage (molten salt) Solar solar Wind	<p>Biodiesel • Fuel chemically derived from plant or animal oils that can be used in a diesel-fired engine.</p> <p>Biogas • Pipeline gas from the decomposition of organic material. Choose this selection when IOU is purchasing the biogas directly not electricity produced from biogas.</p> <p>Biomass • Wood, Wood Waste, Other Solid Waste: Covers purpose-grown energy crops, multitudes of woody materials generated by an industrial process or provided directly by forestry and agriculture as wastes (rice husks, nut shells, etc.)</p> <p>Conduit hydro • Man-made canals or pipelines, pertaining to water agencies and/or irrigation districts. If unsure as to whether a project is small hydro or conduit hydro, select small.</p> <p>Digester gas • Gas composed primarily of methane and CO2 produced by anaerobic digestion and combusted to produce power. Anaerobic digestion (or fermentation) occurs naturally or with a man-made digester. Biodegradable materials include biomass, manure, etc.</p> <p>Geothermal • Energy available as heat emitted from within the earth's crust, usually in the form of hot water or steam.</p> <p>Hybrid • Select if PPA combines two or more technologies types.</p> <p>Landfill gas • Produced by wet organic waste decomposing under anaerobic conditions in a landfill. Select this category for contracts that are with a landfill company; otherwise select digester. This is subset of Digester type.</p> <p>Municipal solid waste • Waste produced by the residential, commercial and public services sectors and incinerated in specific installations to produce heat and/or power. The key here is that the contract is with a municipality, as distinct from Biomass category.</p> <p>Ocean tidal • Mechanical energy derived from tidal movement, wave motion or ocean current and exploited for electricity generation.</p> <p>Small hydro • Nameplate installed capacity <50 MWs. Electric power generated by using the gravitational energy available when water flows from a higher to a lower elevation.</p> <p>Solar PV - Rooftop • Generates electric power by using photovoltaic (PV) cells to convert energy from the sun into electricity. (Select if Rooftop). This includes concentrating PV.</p> <p>Solar PV - Ground mount • Generates electric power by using photovoltaic (PV) cells to convert energy from the sun into electricity. (Select if Ground Mount). This includes concentrating PV.</p> <p>Solar Thermal - no storage • Uses mirrors or lenses to concentrate sunlight to harness solar energy for thermal energy (heat) for electricity generation. (Select this if no heat storage capability for the facility).</p> <p>Solar Thermal - with storage (molten salt) • Method uses mirrors or lenses to concentrate sunlight to harness solar energy for thermal energy (heat) for electricity generation. (Select this if there is heat storage capability for the facility).</p> <p>Solar solar • Solargen.</p> <p>Wind • Kinetic energy of wind exploited for electricity generation in turbines.</p>				N	*Removed "Solar PV - unidentified" as an option as it is very unlikely a utility wouldn't know if utility-scale project was going to be rooftop or ground mount.	
Solicitation / Bilateral Year	YYYY	No Drop Down	• For Solicitations, enter year of solicitation. • For Bilaterals, input year negotiations started.	• Year executed	• For Solicitations, enter year of solicitation. • For Bilaterals, input year negotiations started.	• Contract Type	N		
Expected PCC Classification	Drop Down	Grandfathered Category 1 Category 2 Category 3	• For all projects, forecast which PCC classification is expected to apply to generation (pursuant to D.11-12-052). • For projects with multiple expected PCC classifications, input the classification associated with the majority of energy.	• For all projects, forecast which PCC classification is expected to apply to generation (pursuant to D.11-12-052). • For projects with multiple expected PCC classifications, input the classification associated with the majority of energy.					
Contract Type	Drop Down	Solicitation Bilateral Feed in Tariff UCPP UCPP - Solicitation RAM 1		• Select		• Solicitation/ Bilateral Year	N		

REC or Bundled Product	Drop Down	RAM 2 RAM 3 REC Bundled	Classification of REC/Unbundled is based on D 11-12-052 (REC-only) Classification of REC/Unbundled is based on D 11-12-052 (REC-only)	Classification of REC/Unbundled is based on D 11-12-052 (REC-only) Classification of REC/Unbundled is based on D 11-12-052 (REC-only)	Classification of REC/Unbundled is based on D 11-12-052 (REC-only) Classification of REC/Unbundled is based on D 11-12-052 (REC-only)			
Contract Length (years)	Numerical	No Drop Down	Term in contract	Term in contract	Expected term		N	
Energy Delivery Status	Drop Down	Delivering Not Delivering Unknown - not in active negotiations	Facility is delivering energy Facility is not delivering any energy yet Do not select	Facility is delivering energy Facility is not delivering any energy yet	Facility is delivering energy Facility is not delivering any energy yet	General Project Information Notes if delivering	N	Changed this column from Operational Status to better reflect that this addresses the energy delivery status of the facility and not whether it has achieved Commercial Operation under the PPA. This information can be derived from the Expected and the Utility vs. the Status column as well as the columns that address the major aspects of
Negotiation Status	Drop Down	Preliminary - Not Individually Presented to PRG Preliminary - Individually Presented to PRG Advanced - Not Individually Presented to PRG Advanced - Individually Presented to PRG N/A Negotiations Terminated	Leave Blank	Project is in the early stages of negotiations and has been presented to the PRG as a part of a solicitation shortlist but not individually presented to PRG Project is in the early stages of negotiations and has been presented to the PRG individually OR was presented as an exploratory/demonstration project individually Project has some major issues outstanding and has been presented to the PRG as a part of a solicitation shortlist but not individually presented to PRG Project has most, if not all, major issues finalized, and has been presented to the PRG individually Project is not required to be presented to the PRG (e.g. Feed-in Tariffs) Negotiations regarding this project have been officially terminated				
CPUC Approval Status	Drop Down	No approval needed Not yet submitted for approval Pending approval Approved Approved - amendment under negotiation Approved - amendment pending approval Advice Letter Withdrawn Rejected	Not yet submitted for approval Not yet submitted for approval Not yet submitted for approval Not yet submitted for approval Not yet submitted for approval Not yet submitted for approval Not yet submitted for approval Not yet submitted for approval	Select this				New column created to split out CPUC Approval items and PPA status to better reflect the status between the counterpart and the utility, vs. the status with the CPUC as well as better match the unique data fields in the database.
CPUC Approval Date	Text	No Drop Down	The date on which the original RPS contract/PPA was approved by the CPUC. If the CPUC has not yet approved the project or the project is not online, please enter "N/A". If the project is online, and did not require CPUC approval, please enter "No Approval Necessary"	If the CPUC has not yet approved the project, or the project is not online, please enter "N/A". If the project is online, and did not require CPUC approval, please enter "No Approval Necessary"	If the CPUC has not yet approved the project, or the project is not online, please enter "N/A"			
Contract Execution Date	MM/DD/YYYY	No Drop Down	The date on which the original RPS contract/PPA was executed by the IOU. If contract is converting from GP to RPS, put the execution date of the RPS contract. If contract was amended and restated, put the date the amended and restated contract was executed.	The date on which the original RPS contract/PPA was executed by the IOU. If contract is converting from GP to RPS, put the execution date of the RPS contract. If contract was amended and restated, put the date the amended and restated contract was executed.	The date on which the original RPS contract/PPA was executed by the IOU. If contract is converting from GP to RPS, put the execution date of the RPS contract. If contract was amended and restated, put the date the amended and restated contract was executed.			
PPA Status	Drop Down	Under negotiation Negotiations terminated PPA Executed PPA Terminated PPA Expired	Do not select Do not select	Do not select	If this option is selected, update Termination Reason column. NO NEED TO UPDATE ANY OTHER DATA. The project will be moved to the bottom of the report. Do not select. Do not select.		N	Moved PPA Status column to directly after COD information. Split out PPA status and CPUC Approval Status for reasons listed above.
Reason for Termination	Text	No Drop Down	If PPA Status changes to contract terminated, enter reason here. Otherwise, leave blank.	Leave blank	If PPA status changes to Negotiations terminated, explain here. Otherwise, leave blank.	PPA Status	Y	New column clearly captures the reason for termination. This is also a discrete text in the database. It was also determined that the other changes in PPA status are self-explanatory.
Contract Capacity (MW)	Numerical	No Drop Down	Enter nameplate capacity if the contract receives energy from the full facility. Enter 0 if the contract only indicates the volume of energy to be received without any facilities listed (ex. Powerex). Enter the value that is the nameplate capacity times % of output if contract receives energy from a portion of a single facility (ex. Kionite, Shell). Enter value that is the nameplate capacity times % of output for each facility if the contract receives only the volume of energy from many facilities listed in the contract (ex. PacifiCorp). Enter 0 if the contract receives only RECS. Enter 0 if the project is injection biogas.	Enter the nameplate capacity in the contract, regardless of whether the contract is Full Buy/Sell or Excess Sale.	Enter nameplate capacity if the contract receives energy from the full facility. Enter 0 if the contract receives only the volume of energy without any facilities listed (ex. Powerex). Enter value that is the nameplate capacity times % of output if contract receives energy from a portion of a single facility (ex. Kionite, Shell). Enter value that is the nameplate capacity times % of output for each facility if the contract receives only the volume of energy from many facilities listed in the contract (ex. PacifiCorp). Enter 0 if the contract receives only RECS. Enter 0 if the project is injection biogas?			Edited to further clarify definition. This will better reflect the differences in the contract capacity under different scenarios. This will not necessarily match the advice letter values.
Min Capacity (MW)	Numerical	No Drop Down	If no optionality, this should be the same value as Contract Capacity. If there is optionality to build a smaller capacity project, enter the value here and explain in General Project Information Notes.	This should be the same value as Contract Capacity.	If no optionality, this should be the same value as Contract Capacity. If there is optionality to build a smaller capacity project, enter the value here and explain in General Project Information Notes.	General Project Information Notes - if optionality in capacity	N	Edited to further clarify definition. This column will always be the same as Contract Capacity for FIT contracts as they have no optionality.
Max Capacity (MW)	Numerical	No Drop Down	If no optionality, this should be the same value as Contract Capacity. If there is optionality to build a larger capacity project, enter the value here and explain in General Project Information Notes.	This should be the same value as Contract Capacity.	If no optionality, this should be the same value as Contract Capacity. If there is optionality to build a larger capacity project, enter the value here and explain in General Project Information Notes.	General Project Information Notes - if optionality in capacity	N	Edited to further clarify definition. This column will always be the same as Contract Capacity for FIT contracts as they have no optionality.
Expected Energy (GWh)	Numerical	No Drop Down	Enter value based on expected annual energy using Contract Capacity as the basis. If project is contractually phased, include GWh/yr for each phase. Project leads will have created multiple rows for phased projects.	Value should match the publicly posted Expected GWh/yr on FIT webpage.	Enter value based on expected annual energy using Contract Capacity as the basis. If project is contractually phased, include GWh/yr for each phase. Project leads will have created multiple rows for phased projects.	General Project Information Notes - if optionality in capacity	N	New column to better address any warranted differences from the value reported in the advice letter.
Min Energy (GWh)	Numerical	No Drop Down	If no optionality, enter the same value as for Expected Energy. If there is optionality to ultimately build a smaller capacity project, enter the amount of energy expected to be produced using Min Capacity as the basis and explain in General Project Information Notes. Do not enter GEP values.	Enter same value as for Expected Energy.	If no optionality, enter the same value as for Expected Energy. If there is optionality to ultimately build a smaller capacity project, enter the amount of energy expected to be produced using Min Capacity as the basis and explain in General Project Information Notes. Do not enter GEP values.	General Project Information Notes - if optionality in capacity	N	Edited definition to make it clearer that the value is based on the expected output of energy based on the minimum installed capacity (Min Capacity) allowed and not on GEP values. This column will always be the same as Expected Energy for FIT contracts.
Max Energy (GWh)	Numerical	No Drop Down	If no optionality, enter the same value as for Expected Energy. If there is optionality to ultimately build a larger capacity project, enter the amount of energy expected to be produced using Max Capacity as the basis and explain in General Project Information Notes. Do not enter GEP values.	Enter same value as for Expected Energy.	If no optionality, enter the same value as for Expected Energy. If there is optionality to ultimately build a larger capacity project, enter the amount of energy expected to be produced using Max Capacity as the basis and explain in General Project Information Notes. Do not enter GEP values.	General Project Information Notes - if optionality in capacity	N	Edited definition to make it clearer that the value is based on the expected output of energy based on the maximum installed capacity (Max Capacity) allowed and not on GEP values. This column will always be the same as Expected Energy for FIT contracts.
Vintage	Drop Down	New Existing Re-power	At time of contract execution, project requires developing new generator station, or At time of contract execution, project has not yet delivered energy to any party. Select this if facility (and all of its capacity) was operational prior to contract execution. Facility may have been delivering to any party. Project requires changing out the generator prior to being able to deliver to the utility under the current contract.	At time of contract execution, project requires developing new generator station, or At time of contract execution, project has not yet delivered energy to any party. Select this if facility (and all of its capacity) was operational prior to contract execution. Facility may have been delivering to any party. Project requires changing out the generator prior to being able to deliver to the utility under the current contract.	At time of contract execution, project requires developing new generator station, or At time of contract execution, project has not yet delivered energy to any party. Select this if facility (and all of its capacity) was operational prior to contract execution. Facility may have been delivering to any party. Project requires changing out the generator prior to being able to deliver to the utility under the current contract.		N	"Unknown" added to drop down to address contract that we have as simply "Expired" or "Terminated" in the database. Changed PG&E reference to the "Utility"

Advice Letter / Application Filing Date	MM/DD/YYYY	No Drop Down	• Advice Letter / Application Filing Date: Date of filing in which contract was first effective, regardless of amendments	• Leave blank	• Leave blank		Y	• Added new column
Resolution / Decision Number	Text	No Drop Down	• Leave blank if no resolution/decision has been issued	• Leave blank	• Leave blank		Y	
Resolution / Decision Date	MM/DD/YYYY	No Drop Down	• Resolution / Decision Date: Date of issuance (CPUC Mailing Date)	• Leave blank	• Leave blank			• Added new column
Amendments - Advice Letter Number(s)	Text	No Drop Down	• Leave blank if no amendments have been filed	• Leave blank	• Leave blank		Y	
Amendment Resolution (s)	Text	No Drop Down	• Leave blank if no resolution/decision has been issued	• Leave blank	• Leave blank		Y	
Proposed Price TOD adjusted (\$/MWh)	Numerical	No Drop Down	• Use the first levelized TOD-adjusted original proposed price • If project has more than one price (e.g. wet and dry), put the higher price in the cell and include in the "Procedural Information Notes" column an explanation on other prices. • Obtain information from Transactor as necessary	• Leave blank	• Use the first levelized TOD-adjusted original proposed price (first price that came in the door) • If project has more than one price (e.g. wet and dry), put the higher price in the cell and include in the "Procedural Information Notes" column an explanation on other prices.	• Procedural Information Notes - if more than one price	N, except for FITs	
Proposed Price pre-TOD adjusted (\$/MWh)	Numerical	No Drop Down	• Use the first levelized pre-TOD original proposed price • If project has more than one price (e.g. wet and dry), put the higher price in the cell and include in the "Procedural Information Notes" column an explanation on other prices. • Obtain information from Transactor as necessary	• Leave blank	• Use the first levelized pre-TOD original proposed price (first price that came in the door) • If project has more than one price (e.g. wet and dry), put the higher price in the cell and include in the "Procedural Information Notes" column an explanation on other prices.	• Procedural Information Notes - if more than one price	N, except for FITs	
Current Contract Price TOD adjusted (\$/MWh)	Numerical	No Drop Down	• Levelized TOD-Adjusted Final Contract Price (\$/MWh) over the term of the contract. • If project has more than one price (e.g. wet and dry), put the higher price in the cell and include in the "Procedural Notes" column an explanation on other prices. • If the contract price has been amended, this column should have the most recent price, and previous price(s) should be included in Procedural Notes column.	• Leave blank	• Use the most currently known levelized TOD-adjusted original proposed price. • If project has more than one price (e.g. wet and dry), put the higher price in the cell and include in the "Procedural Information Notes" column an explanation on other prices.	• Procedural Information Notes - if more than one price	Y	• Change title to include "current". Instruct data inputters to fill column with current/most recent contract price and then include the original and any previous contract prices in the Procedural notes column
Current Contract Price pre-TOD adjusted (\$/MWh)	Numerical	No Drop Down	• Levelized pre-TOD-Adjusted Final Contract Price (\$/MWh) over the term of the contract. • If project has more than one price (e.g. wet and dry), put the higher price in the cell and include in the "Procedural Notes" column an explanation on other prices. • If the contract price has been amended, this column should have the most recent price, and previous price(s) should be included in Procedural Notes column.	• Based on MPR	• Use the most currently known levelized pre-TOD original proposed price • If project has more than one price (e.g. wet and dry), put the higher price in the cell and include in the "Procedural Information Notes" column an explanation on other prices.	• Procedural Information Notes - if more than one price	Y	• Change title to include "current". Instruct data inputters to fill column with current/most recent contract price and then include the original and any previous contract prices in the Procedural notes column
Applicable MPR TOD adjusted (\$/MWh)	Numerical	No Drop Down	• Enter applicable MPR TOD adjusted.	• Leave blank	• Enter applicable MPR TOD adjusted		N, except for FITs	
Green Attribute Price - if applicable (\$/MWh)	Numerical	No Drop Down	• Enter for unbundled RECs only	• Leave blank	• Enter for unbundled RECs only		Y	

Balancing Authority	Drop Down	CAISO BPA Nevada Power Other		• Leave blank			N, except for FITs	• Added new column
Participating Transmission Owner (PTO)	Drop Down	PGE SCF SDGE Other		• Leave blank			N, except for FITs	• Added new column
Interconnection Process	Drop Down	MDAT Queue 21 QIP LQIP SQIP Other		• Leave blank			N, except for FITs	• Changed header column (look out "Queue" and examples) • Added drop down options • Added "leave blank" for FITs
Point of System Interconnection	Drop Down	Transmission Distribution						
Queue Position	Text	No Drop Down	• Enter queue position assigned by CAISO, ISO, or Utility. • Enter "TBD" if developer hasn't applied yet. • Enter "N/A-online" if applicable	• Leave blank	• Enter queue position assigned by CAISO, ISO, or Utility. • Enter "TBD" if hasn't applied yet • Enter "N/A-online" if applicable • Enter "Unknown - not in active negotiations" if applicable		N, except for FITs	• Split Queue Position and CAISO Cluster into two columns
CAISO Cluster	Text	No Drop Down	• For projects in CAISO Cluster process, enter cluster number. • Otherwise enter "N/A"		• For projects in CAISO Cluster process, enter cluster number. • Otherwise enter "N/A"		N, except for FITs	• Split Queue Position and CAISO Cluster into two columns
Request Type	Drop Down	Energy only Full deliverability N/A Other Request not yet made	• If developer submitted an interconnection request for Energy only, but not Full Deliverability • If the developer submitted an interconnection request for Full deliverability, regardless of whether it is required under contract or whether developer has participated in Energy only studies. NOTE: Data in other Transmission columns should reflect Full deliverability progress. • If selected, must explain in Transmission Notes column. • For interconnection processes that do not distinguish between energy only and full deliverability, if selected, must explain in Transmission Notes column.		• If developer submitted an interconnection request for Energy only, but not Full Deliverability • If the developer submitted an interconnection request for Full deliverability, regardless of whether it is required under contract or whether developer has participated in Energy only studies. NOTE: Data in other Transmission columns should reflect Full deliverability progress. • If selected, must explain in Transmission Notes column. • For interconnection processes that do not distinguish between energy only and full deliverability, if selected, must explain in Transmission Notes column.		N, except for FITs	• Added instructions to clarify how to handle Full Deliverability. Minor: renamed option from "Full deliverable" to "Full Deliverability" • Removed specific "N/A" options and instead added instructions to add a reason under Transmission Notes.
Status of Interconnection Agreement	Drop Down	Signed Under Negotiation N/A - online N/A - biogas facility Not started		• Leave blank		• Should match PWC - Interconnection Progress	N, except for FITs	• Removed error ("Select this") for under negotiation option for Executed Contracts
Actual or Expected Execution Date of Interconnection Agreement	MM/DD/YYYY	No Drop Down		• Leave blank		• This date should be before Actual or Expected COD	N, except for FITs	
Feasibility Study	Drop Down	Complete in process Waived Not started Re-study required TBO N/A - online N/A - biogas facility	• Most often waived	• Leave blank	• Most often waived	• Should match PWC - Interconnection Progress	N, except for FITs	• Side note: This study is most often waived.
System Impact Study / Phase I Study	Drop Down	Complete in process Waived Not started Re-study required TBO N/A - online N/A - biogas facility	• If project requires Full Deliverability status to fulfill contractual obligations, status should reflect where they are in the Phase I study for Full Deliverability, regardless of whether or not they have completed an SIS for Energy Only.	• Leave blank	• If project requires Full Deliverability status to fulfill contractual obligations, status should reflect where they are in the Phase I study for Full Deliverability, regardless of whether or not they have completed an SIS for Energy Only.	Same as above	N, except for FITs	• Added instructions to clarify how to handle Full Deliverability.

Feasibility Study / Phase 1 Study	Drop Down	Complete in process. No new studies required. N/A. Single study. No Drop Down	1- If project requires full Developmental Status should reflect the status of either Phase 2 study / requires if whether or not they have completed a Feasibility Study for Energy Only	- Leave Blank	1- If project requires full Developmental Status should reflect the status of either Phase 2 study / requires if whether or not they have completed a Feasibility Study for Energy Only	Same as above	N, Except for FTIS	Added instructions to column 700. B
Required Point of Interconnection (Interconnection and)	Text			- Leave Blank			N, Except for FTIS	Changed column header
CAISO Resource B	Yes/No	No Drop Down	1- Enter CAISO Resource ID if available. - Enter "FTIS" if applicable but not yet received N/A. The new CAISO projects or CAISO projects less than 1 MW. - CAISO projects less than 1 MW.	- Leave Blank	1- Enter CAISO Resource ID if available. - Enter "FTIS" if applicable but not yet received N/A. The new CAISO projects or CAISO projects less than 1 MW. - CAISO projects less than 1 MW.		N	Added column header
Interconnection and deliverability upgrades identified as needed (by size, weight, voltage)	Text	No Drop Down	1- Clarify requirements for both Energy Only and Full Developmental, as applicable.	- Leave Blank	1- Clarify requirements for both Energy Only and Full Developmental, as applicable.		N, Except for FTIS	Added column header
CHC application required for transmission upgrades?	Drop Down	Yes	1- Choose "Yes" if application is required for either Energy Only or Full Developmental.	- Leave Blank	1- Choose "Yes" if application is required for either Energy Only or Full Developmental.		N, Except for FTIS	Added column header
Expected completion date for all required upgrades	MM/DD/YYYY	No Drop Down	1- Upgrades not required for any reason (e.g. interconnection does not require upgrades, etc.) - If an application MAY BE needed for Full Developmental, it must be received by the following date as determined by the Energy Only. - If interconnect, TBD or Risk, Same Blank	- Leave Blank	1- Upgrades not required for any reason (e.g. interconnection does not require upgrades, etc.) - If an application MAY BE needed for Full Developmental, it must be received by the following date as determined by the Energy Only. - If interconnect, TBD or Risk, Same Blank	This date should be before Actual or Expected COU	Y	Changed column header to removed column header
TOTAL WEIGHTED SCORE	Drop Down	Leave Blank	1- Do not edit (locked cell)	- Do not edit (locked cell)	- Do not edit (locked cell)		N	
Project Development Experience	Numerical or Y/N	Drop Down	1- See Project Development Status and see indicators for all CAISO scores - If any project for any project category has developed	- Leave Blank	1- See Project Development Status and see indicators for all CAISO scores - If any project for any project category has developed	1- Review whether should be consistent for all projects by technology and same capability	N, Except for FTIS	
Ownership / O&M Experience	Numerical or Y/N	Drop Down	1- Choose whether project is O&M for any project category has developed	- Leave Blank	1- Choose whether project is O&M for any project category has developed	1- Review whether should be consistent for all projects by technology and same capability	N, Except for FTIS	
Technical Feasibility	Numerical or Y/N	Drop Down	1- Commenting technology reason that has been finished and used in at least one commercial utility scale project anywhere in the world	- Leave Blank	1- Commenting technology reason that has been finished and used in at least one commercial utility scale project anywhere in the world	1- Review whether should be consistent for all projects by technology and same capability	N, Except for FTIS	
Resource Quality	Numerical or Y/N	Drop Down	1- For solar, NREL data quality as verified by utility resource assessment.	- Leave Blank	1- For solar, NREL data quality as verified by utility resource assessment.	1- project scored a 5 or 10 - Score 10 = "Excellent" - Score 5 = "Good" - Score 1-4 = "Fair" - Score 1 = "Poor"	N, Except for FTIS	
Manufacturing Supply Chain	Numerical or Y/N	Drop Down	1- Remove the word "development" as meaning of the scoring guidance	- Leave Blank	1- Remove the word "development" as meaning of the scoring guidance	1- project scored a 5 or 10 - Score 10 = "Excellent" - Score 5 = "Good" - Score 1-4 = "Fair" - Score 1 = "Poor"	N, Except for FTIS	
Site Control	Numerical or Y/N	Drop Down	1- Includes permit concerns	- Leave Blank	1- Includes permit concerns	Should not consistent with "Companion" 5 for "On-Schedule" 5 for "On-Schedule"	N, Except for FTIS	
Permitting Status	Numerical or Y/N	Drop Down	1- Leave Blank	- Leave Blank	1- Leave Blank	1- project scored a 5 or 10 - Score 10 = "Excellent" - Score 5 = "Good" - Score 1-4 = "Fair" - Score 1 = "Poor"	N, Except for FTIS	
Project Financing Status	Numerical or Y/N	Drop Down	1- Leave Blank	- Leave Blank	1- Leave Blank	1- project scored a 5 or 10 - Score 10 = "Excellent" - Score 5 = "Good" - Score 1-4 = "Fair" - Score 1 = "Poor"	N, Except for FTIS	
Interconnection Progress	Numerical or Y/N	Drop Down	1- Leave Blank	- Leave Blank	1- Leave Blank	1- project scored a 5 or 10 - Score 10 = "Excellent" - Score 5 = "Good" - Score 1-4 = "Fair" - Score 1 = "Poor"	N, Except for FTIS	
Transmission System Upgrade Requirements	Numerical or Y/N	Drop Down	1- Leave Blank	- Leave Blank	1- Leave Blank	1- project scored a 5 or 10 - Score 10 = "Excellent" - Score 5 = "Good" - Score 1-4 = "Fair" - Score 1 = "Poor"	N, Except for FTIS	
Reasonableness of COU	Numerical or Y/N	Drop Down	1- Leave Blank	- Leave Blank	1- Leave Blank	1- project scored a 5 or 10 - Score 10 = "Excellent" - Score 5 = "Good" - Score 1-4 = "Fair" - Score 1 = "Poor"	N, Except for FTIS	
Weighted Category Experience	Numerical	Locked Cell	1- Do not edit (locked cell)	- Do not edit (locked cell)	- Do not edit (locked cell)	1- project scored a 5 or 10 - Score 10 = "Excellent" - Score 5 = "Good" - Score 1-4 = "Fair" - Score 1 = "Poor"	N	
Weighted Category Resources	Numerical	Locked Cell	1- Do not edit (locked cell)	- Do not edit (locked cell)	- Do not edit (locked cell)	1- project scored a 5 or 10 - Score 10 = "Excellent" - Score 5 = "Good" - Score 1-4 = "Fair" - Score 1 = "Poor"	N	
Weighted Category Progress	Numerical	Locked Cell	1- Do not edit (locked cell)	- Do not edit (locked cell)	- Do not edit (locked cell)	1- project scored a 5 or 10 - Score 10 = "Excellent" - Score 5 = "Good" - Score 1-4 = "Fair" - Score 1 = "Poor"	N	

General FTIS Instructions

General - O&M	Drop Down	Drop Down	Drop Down	Drop Down	Drop Down	Drop Down	Drop Down	Drop Down
General - O&M	Drop Down	Drop Down	Drop Down	Drop Down	Drop Down	Drop Down	Drop Down	Drop Down
General - No Removal of Projects	Drop Down	Drop Down	Drop Down	Drop Down	Drop Down	Drop Down	Drop Down	Drop Down
General - Ongoing Projects	Drop Down	Drop Down	Drop Down	Drop Down	Drop Down	Drop Down	Drop Down	Drop Down

Score Card

Utility IE

Company / Development Team

Project Development Experience	0	0	10	The company and/or the development team has completed 2 or more projects of similar technology and similar or larger capacity.
			7	The company and/or the development team has either (i) completed one project of similar technology and similar or larger capacity; (ii) begun construction of and completed financing for at least one project of similar technology and similar or larger capacity; or (iii) completed 2 or more projects of any technology and of similar capacity.
			4	The company and/or the development team has completed 2 or more projects of any technology but less capacity per project (wholesale generation).
			2	The company and/or the development team has either (i) completed at least one project of any technology and capacity (wholesale generation); or (ii) begun construction of and completed financing for at least one other similar project.
			0	None of the above.

N/A

key concepts: development team, completed project, quantity of projects, similar technology or capacity

- 'Project development' refers to developer activities that are conducted on projects before their COD. This criterion is asking about the developer's prior experience developing other projects.
- We assume wholesale generation for prior experience to count. 'Project' refers to utility-scale, wholesale generation projects. i.e. behind the meter, distributed generation does not count.
- The term 'completed' is assumed to mean bringing a project through the development and construction phases to COD.
- When considering 'similar technology', thin-film and crystalline PV can be considered similar, as can non-concentrating fixed-tilt, single-axis, and dual-axis tracking PV. Concentrating PV should not be considered similar to non-concentrating PV.
- Can include experience gained by principals while previously at other entities.

Ownership / O&M Experience	0	0	10	The company, development team or subcontractor has experience with 2 or more projects of similar technology and capacity. (e.g., 20 MW photovoltaic facility (thin-film))
			7	The company, development team or subcontractor has experience with at least 1 project with similar technology.
			4	The company, development team or subcontractor has experience with 2 or more projects of any technology (wholesale generation).
			2	The company, development team or subcontractor has experience with at least 1 project of any technology and capacity (wholesale generation).
			0	None of the above.

N/A

key concepts: development team, O&M experience, quantity of projects, similar technology or capacity

- We assume this criterion focuses primarily on the operations and maintenance (O&M) experience of the entity performing the O&M for the project being scored. O&M refers to activities on projects after their COD. This criterion is asking about the entity's prior experience operating and maintaining other projects.
- For evaluating this criterion, consider the O&M plan for the project being scored, identify who the entity is that is going to be operating the plant after COD, and evaluate that entity's prior O&M experience.
- We assume wholesale generation for prior experience to count. Experience for this criterion refers to owning, operating, and maintaining utility-scale, wholesale generation projects.
- When considering 'similar technology', thin-film and crystalline PV can be considered similar, as can non-concentrating fixed-tilt, single-axis, and dual-axis tracking PV. Concentrating PV should not be considered similar to non-concentrating PV.
- Can include experience gained by principals while previously at other entities.

Technology

Technical Feasibility	0	0	10	Project will use commercialized technology or commercialized technology that is nearly identical (e.g., a wind turbine with modest upgrades from the last model) to technology that is currently in use at a minimum of 2 operating facilities of similar or larger capacity (worldwide).
			5	Project will use commercialized technology that is currently in use at a minimum of 2 operating facilities, but at first-of-its-kind scale. For example, existing projects do not exceed 20 MW and the proposed project is for greater than 100 MW.
			2	Either (i) the project will use key components of commercialized technology, but in an application that has not yet been commercially proven; or (ii) project feasibility is supported by third party, independent engineer's report that verifies the cost and performance. (Technology is not commercially proven)
			0	None of the above.
			N/A	

key concepts: commercialized technology, quantity of deployments, scale, non-commercial technology

•We consider 'commercialized technology' to be a technology that has been financed and is being used in at least one commercial (not demonstration) utility-scale project anywhere in the world.

Resource Quality	0	0	10	Bidder demonstrated that the resource can support the production profile. For example: <ul style="list-style-type: none"> • Geothermal: Based on results of test wells or verified third party resource assessment. • Wind: Based on credible meteorological data or verified third party resource assessment. - Solar: Based on credible solar radiation meteorological data or verified third party solar radiation resource assessment. • Biomass: Sufficient quantities of fuel stock under control or contract for a minimum of five years.
			7	Biomass project demonstrated sufficient quantities of fuel stock under control or contract for a minimum of two years.
			5	The resource appears sufficient to support the project's production profile. Assumptions are reasonable, for example, based on comparable facilities in the same resource area, but not demonstrated by bidder, data, and/or resource assessment as described above.
			0	None of the above.
			N/A	

key concepts: resource, third-party resource assessment, data, fuel stock under control

•For solar, NREL data qualifies as verified 3rd party resource assessment.

•For biomass, 'under control or contract' means either a signed contract for fuel supply or demonstrated control over the fuel supply if not purchased from a 3rd party. For a score of '5', the project has to show reasonable assumptions about the fuel supply.

Manufacturing Supply Chain	0	0	10	There are no known or anticipated supply chain constraints.
			5	Project scored within the top two tiers in the Technical Feasibility category, but project development is dependent on new manufacturing capacity.
			0	Project will rely on proprietary technical design for its key component(s), not currently in use commercially, and project development is dependent on new manufacturing capacity.
N/A				

key concepts: top two tiers in Technical Feasibility, new manufacturing capacity

•Ignore the word 'development' in the reading of the scoring guidelines.

Development Milestones

Site Control	0	0	10	Project has 100% site control for the project site and gen-tie line corridor connecting the facility to the grid. Site control is achieved through either (i) direct ownership, (ii) a lease, or (iii) an option to lease or purchase; including the equivalent process for securing site control on public
			6	Project has a majority control (≥ 50% and <100%) over the project site and gen-tie line corridor connecting the facility to the grid.
			2	Project has a minority control (< 50%) over the project site and gen-tie line corridor connecting the facility to the grid.
			0	None of the above.
			N/A	

key concepts: site control, project site and gen-tie, ownership / lease / option, percentage under control

•Percentages listed are assumed to refer to the percentage of the project site area and gen-tie line corridor for which the developer has achieved site control.

•Assume 75% / 25% split for project site area and gen-tie line corridor weighting. That is:

$$\text{Control} = [0.75 * \text{percentage of project site area under control}] + [0.25 * \text{percentage of gen-tie line corridor under control}]$$

As an example, if the developer has 80% of the project site area under control and 30% of the gen-tie corridor under control,

$$\begin{aligned} \text{Control} &= [0.75 * 0.80] + [0.25 * 0.30] \\ &= 0.675 \\ &= 67.5\% \end{aligned}$$

Permitting Status	0	0	10	Project has received its Conditional Use Permit (CUP), Application for Certification (AFC), Record of Decision from the BLM or equivalent federal agency, or other definitive permit based on the project's jurisdiction, as applicable.
			5	Project has applied for its CUP or AFC, or other definitive permit based on the project's jurisdiction, as applicable. The applicable permit or application has been deemed data adequate and/or the designated agency has initiated its review. No fatal flaws have been identified (e.g., protected species and/or land, high land mitigation requirement) that will prevent Bidder has not initiated permitting. No fatal flaws have been identified (e.g., protected species and/or land, high land mitigation requirement) that will prevent project development.
			2	Bidder has not initiated permitting. No fatal flaws have been identified (e.g., protected species and/or land, high land mitigation requirement) that will prevent project development.
			0	None of the above.
			N/A	

key concepts: permit based on project's jurisdiction, status - received, applied, not initiated

•For a score of 10, assume 'received' means final and non-appealable approval

Project Financing Status	0	0	10	The bidder demonstrated that project financing has been secured either through "balance sheet" financing or power purchase agreement (PPA) financing.
			5	The bidder has obtained financing for at least 1 project of similar technology and similar or larger capacity.
			2	The bidder has obtained financing for at least 1 project of any technology and capacity (wholesale generation).
			0	None of the above.
			N/A	

N/A

key concepts: bidder, financing secured, similar technology and capacity

- The score of '10' refers to financing of the project being scored, and specifically if financing for this project has been secured.
- The scores of '2' and '5' can be assigned based on the Bidder's (current development team's) previous experience in financing other projects. So, these scores are not actually 'status' scores for financing this project, rather they are 'experience' scores given if the Bidder has successfully financed earlier projects. Unlike the previous criteria of Project Development Experience and Ownership Experience, do not consider experience gained by principals while previously at other entities.

Power Projects			Biogas Projects Only		
Interconnection Progress	0	0	10	The project has executed its Interconnection Agreement.	Pipeline interconnection agreement is signed, has secured delivery path and injection point
			9	The project has completed its Phase II studies of the Generator Interconnection Process (GIP), or has completed its Facilities Study, or has passed the Fast Track screens. If the project will interconnect outside the CAISO's or the investor-owned utility's jurisdiction, it has achieved the equivalent interconnection progress.	Pipeline interconnection studies have been completed; in negotiations to secure delivery path and injection point
			6	The project is in Phase II of the GIP, has posted necessary deposits, and is in compliance with all CAISO or utility requirements for maintaining queue position, or the project has initiated its Facilities Study. If the project will interconnect outside the CAISO's or the investor-owned utility's jurisdiction, it has achieved the equivalent interconnection progress.	Has initiated pipeline interconnection studies
			3	The project is in Phase I of the GIP, or has initiated the System Impact Study, or has submitted its Interconnection Request to the CAISO or utility, and has posted necessary deposits and is in compliance with all CAISO or utility requirements for maintaining queue position. If the project will interconnect outside the CAISO's or the investor-owned utility's jurisdiction, it has achieved	Has identified delivery path and injection point
			0	None of the above.	None of the above
			N/A		

key concepts: interconnection agreement, in Phase I, in Phase II, completed Phase II, equivalence

Transmission System Upgrade Requirements	0	0	10	No transmission system upgrades are required for the project pursuant to the most recent interconnection study, or the project has passed the Fast Track screens.
			9	Transmission system upgrades required for the project pursuant to the most recent interconnection study have received any and all required CAISO and CPUC approvals.
			8	Transmission system upgrades required for the project pursuant to the most recent interconnection study require a Permit to Construct or an approved Notice of Construction from the CPUC, for which an application or advice letter, as applicable, has been filed.
			5	Transmission system upgrades required for the project pursuant to the most recent interconnection study require a Permit to Construct or an approved Notice of Construction from the CPUC, for which an application or advice letter, as applicable, has not been filed.

Administrative requirements for transmission system upgrades (See General Order 131-D for complete legal requirements)

A Certificate of Public Convenience and Necessity (CPCN) is required for a new transmission line or upgrade – greater than 200 KV. A CPCN requires CEQA review and a determination of need.

A Permit to Construct (PTC) is required for a new transmission line or upgrade – 50 KV to 200 KV, or a substation upgrade only.

A PTC requires CEQA review.

A PTC requires CEQA review.

Some exemptions to the above that would allow only a Notice of Construction to be sufficient:

- The replacement of existing power line facilities or supporting structures with equivalent facilities or structures.
- The placing of new or additional conductors, insulators, or their accessories on supporting structures already built.
- Power lines or substations to be relocated or constructed which have undergone environmental review pursuant to CEQA as part of a larger project, and for which the final CEQA document finds no significant unavoidable environmental impacts caused by the proposed line or substation.

4	Transmission system upgrades required for the project pursuant to the most recent interconnection study require a Certificate of Public Convenience and Necessity from the CPUC, for which an application has been filed.
1	Transmission system upgrades required for the project pursuant to the most recent interconnection study require a Certificate of Public Convenience and Necessity from the CPUC, for which an application has not been filed.
0	None of the above.
N/A	

key concepts: interconnection study, transmission system upgrades, Permit to Construct, Certificate of Public Convenience and Necessity, Notice of Construction, application, approvals

•Scoring for this criterion requires information from an interconnection study or documentation of passing the Fast Track screens (only for projects <5MW). This criterion deals only with transmission system upgrades.

•If no interconnection study information or Fast Track documentation is provided, the score is 0.

•If the interconnection study (IS) states that no transmission system upgrades are required, the score is 10.

•If transmission system upgrades are necessary, the IS will describe them, but typically will not specify whether a Permit to Construct (PTC), Certificate of Public Convenience and Necessity (CPCN), or Notice of Construction (NOC) is required. Comparing the description of the upgrades provided in the IS with the administrative requirements shown in the box above, the scorer should select the PTC, CPCN, or NOC as applicable for the project.

•The counterparty will likely need to ask the CAISO and the PTO for documentation supporting whether the appropriate applications have been filed and approved.

•In the absence of reliable information, score this criterion conservatively.

Reasonableness of COD	0	0	10	Utility reasonably expects the project will achieve its COD.
			5	Utility reasonably expects project's COD to occur within 12 months of the proposed COD.
			3	Utility reasonably expects project's COD to occur within 12 - 24 months of the proposed COD.
			0	Utility reasonably expects project's COD to occur more than 24 months after the proposed online date.
			N/A	

Utility should validate the reasonableness of project's commercial online date (COD) based on the scores given for criteria above.

key concepts: COD within x months

•'COD' refers to the online date in the contract, without any permitted delays.

•Consider project information about transmission, permitting, financing, etc. and confirm if the COD proposed is reasonable. Specifically consider any significant limitations, hurdles, etc. that the project has to face. Provide notes on any items expected to delay the online date past the proposed COD.

- end -

(TO BE COMPLETED BY UTILITY)
Renewables Portfolio Standard
Project Development Status Report Update
ATTESTATION FORM

I, Stephen R. Taylor, declare under penalty of perjury that the statements contained in the Project Development Status Report are true and correct to the best of my knowledge and that I, as an authorized agent of San Diego Gas & Electric Company, have authority to submit this report on the company's behalf.

Signed: Stephen R. Taylor

Dated: August 1, 2013

Executed at: San Diego, CA

CONTACT INFORMATION

Name	Stephen R. Taylor
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Title	Generation & Supply Manager
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Company Name	San Diego Gas & Electric Company
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Address	8315 Century Park Court
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City, State, Zip	San Diego, CA 92123
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Phone	858-654-6361
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Fax	858-650-6191
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E-mail	SRTaylor@SempraUtilities.com
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