

Renewables Portfolio Standard

Project Development Status Report Update

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

Utility Name	Pacific Gas and Electric Company
Analyst Name	

Provide information for the updated fields (highlighted in green) on the Project Information and Project Transmission Status tabs, update existing fields in cases of known inaccuracies or omissions in the August filing, complete the attestation, and e-mail the completed file to the address below.

Amy Baker

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email: ab1@cpuc.ca.gov

phone: 415-703-1691

Project Development Status Report Updates are due by close of business January 11, 2010.

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Instructions and Notes

-Provide information for the updated fields (highlighted in green) and update existing fields in cases of known inaccuracies or omissions in the August 2009 filing.

-Information on the short-listed bids in particular may be limited, but please populate the worksheet to the best of your ability.

-Please provide separate rows for projects with multiple locations/phases, as needed. Identify such multiple locations/phases by adding letters to the project ID, e.g. PG0803A, PG0803B, etc.

Please highlight all cells that are updated/added in bright green.

Project Information Tab	Column	Field	Notes
	A	CPUC ID	Field is linked to subsequent tabs
	B	IOU ID	This field is optional, IOUs may enter internal tracking IDs
	D	Project Name	Field is linked to subsequent tabs
	E	Technology Type	For solar technologies, differentiate between ground and roof-mounted PV and solar thermal with and without storage.
	G	Solicitation / Bilateral Year	Bilateral year is the year in which the contract is submitted for CPUC approval
	O	Latitude	Input in decimal format
	P	Longitude	Input in decimal format
	Q	CREZ	Identify which Competitive Renewable Energy Zone the project is associated with.
	AB	EIR Agency/Permit Type	Identify the lead Environmental Impact Report agency and permit type. For example CEC AFC, Kern County CUP, etc.
	AE	Description of major permitting issues	Identify any permitting issues that may delay or put the project at risk of failure
	AF	Guaranteed construction start date	Input the guaranteed construction start date per the contract.
	AG	Expected construction start date	Provide best estimate of date that construction will begin; if already begun, input the date construction began.
	AI	Guaranteed COD	For projects under development, input the guaranteed COD - If the facility is online, input the contract start date - if the contract is under negotiation, enter best estimate
	AJ	Actual or Expected COD	Provide best estimate of COD - If the project has come online, provide the actual COD - Cell turns red if the project is delayed

Procedural Information	Column	Field	Notes
	A	CPUC ID	Linked/autofilled from Project Information tab
	B	IOU ID	This field is optional, IOUs may enter internal tracking IDs
	C	Project Name	Linked/autofilled from Project Information tab
	E	IOU Contract Manager Contact	Provide name, phone number, and e-mail address - no information needed for online projects

Amendments

F	Developer Contact	Provide name, phone number, and e-mail address - no information needed for online projects
G	Advice Letter / Application Number	Leave blank if no advice letter/application has been filed
H	Amendment Advice Letter Number(s)	Provide Advice Letter numbers for any amendments that have been filed
I	Description of amendments (filed)	Provide a description for filed amendments. For example, price re-opener
J	Description of anticipated amendments	Describe negotiated amendments that will be filed with the CPUC
K	Description of minor amendments - no filing requirement	Describe amendments that will not be filed with the CPUC
L	Proposed Price (\$/MWh)	Levelized TOD-Adjusted Bid Price/Proposed Price (\$/MWh) over the term of the proposed project
M	Contract Price (\$/MWh)	Levelized TOD-Adjusted Final Contract Price (\$/MWh) over the term of the contract
N	Applicable MPR (\$/MWh)	Levelized TOD-Adjusted MPR (\$/MWh) over the term of the contract - input for bilateral/short-listed projects as well (10 year MPR can be used for short-term contracts)
P	Min Above Market Costs (\$/MWh)	Minimum levelized above market costs (\$/MWh) over the term of the contract input for bilateral/short-listed projects as well - output is found in the AMF calculator Results tab, cell D16
Q	Max Above Market Costs (\$/MWh)	Maximum levelized above market costs (\$/MWh) over the term of the contract - input for bilateral/short-listed projects as well - output is found in the AMF calculator Results tab, cell D16
R	Min Total Amount of Above Market Costs (\$)	Minimum amount of Above Market Costs - input for bilateral/short-listed projects as well - output is found in the AMF calculator Results tab, cell D17
S	Max Total Amount of Above Market Costs (\$)	Maximum amount of Above Market Costs - input for bilateral/short-listed projects as well - output is found in the AMF calculator Results tab, cell D17
T	Green Attribute Price \$/MWh	If applicable, enter the price of the green attribute

Project Transmission Status Tab

Interconnection

Column	Field	Notes
A	CPUC ID	Linked/autofilled from Project Information tab
B	IOU ID	This field is optional, IOUs may enter internal tracking IDs
C	Project Name	Linked/autofilled from Project Information tab
D	Queue (CAISO, IID, BPA, etc.)	Queue to which the project must apply; if none, enter "n/a"
E	Queue Position / CAISO Cluster	State the project's position in the queue or the CAISO Cluster. If project has not yet started the interconnection study process, explain why and provide expected start date
F	Feasibility Study	Indicate status of CAISO feasibility study from drop-down menu
G	System Impact Study / Phase I Study	Indicate status of CAISO system impact study or Phase I study from drop-down menu
H	Facility Study / Phase II Study	Indicate status of CAISO facility study or Phase II study from drop-down menu
I	Preferred Point of Interconnection (line/substation, etc.)	Describe location and nature of interconnection point

Network Upgrade(s) Required

J	Early Interconnection Needed/Possible? If yes, describe.	If "yes", describe whether early interconnection has been approved by the utility and system operator
K	Status of Interconnection Agreement	Indicate whether Interconnection Agreement has already been executed ("signed"), has been tendered or is in progress ("under negotiation"), or is not yet in progress ("not started").
L	Expected execution date of Interconnection Agreement	Provide a realistic date for an executed IA, based on information from the relevant developer, interconnecting utility, and system operator.
M	Status of planning for interconnection facilities and related upgrades	Provide detail not entered elsewhere on status of planning. For example whether required upgrades are included in the CAISO's most recent annual transmission plan, etc.
N	Describe any transmission planning process issues	Provide detail not entered elsewhere on transmission planning process issues
O	Upgrade name, if applicable, and location	Provide as much detail as possible regarding location and nature of network upgrade(s) required to bring the project online.
P	Network upgrade type (if more than one, add line for each)	Choose from drop-down menu
Q	Length (miles)	Provide length of new line or reconductor
R	Voltage (kv)	Provide voltage of new line, reconductor, or substation upgrades
S	CPUC application required?	Choose from drop-down menu
T	CPUC application number	If applicable, provide number of application filed at CPUC
U	CPUC application filing date	If applicable, provide date application filed at CPUC
V	If CPUC application required but not filed, provide explanation and expected filing date	Provide information as required
W	Estimated completion date for upgrades	Month/Date/Year: Provide best estimate for completion of upgrade required, given latest information re: construction, permitting, etc.

Project Viability

Notes

Guidelines for scoring are provided in the PV Criteria_Scoring Guidelines tab. Online projects do not need to be scored. This tab is locked. IOU may create an additional tab with a modified calculator.

Menus

Notes

Drop down lists are housed in this tab. IOU may add additional items to lists or create lists as needed

CPUC ID	IOU ID	IOU Contact Person	Project Name	Technology Type	Developer Name	Solicitation / Bilateral Year	Contract Type	Project Status
PG0406 Confidential	33R014 Protected Material	Lynn Cerini 415-973-6737 Material: Protected under Appendix 1 in D	Pacific Renewables Generation Decision 06-06-066 and General	Wind Order 66-C	Pacific Renewables	2004	Solicitation	CPUC approved - delayed
PG0505	33R021	Jessica Hilgart 415-973-1260	Liberty V Biofuels	Biomass	Liberty Biofuels	2005	Solicitation	CPUC approved - delayed
PG0506	33R023	Jessica Hilgart 415-973-1260	IAE Truckhaven	Geothermal	IAE Truckhaven I, LLC	2005	Solicitation	CPUC approved - on schedule
PG0508	33R058	Mike Gonzales 415-973-7603	Hatchet Ridge Wind, LLC	Wind	Hatchet Ridge Wind, LLC	2005	Solicitation	CPUC approved - on schedule
PG0509		Charlie Post 415-973-9286	Manzana	Wind	Manzana Wind, Inc	2005	Solicitation	Pending CPUC approval
PG0510	33R025	Lynn Cerini 415-973-6737	Solel	Solar Thermal	Solel	2005	Solicitation	CPUC approved - delayed
PG0511		Rich Miram 415-973-1170	SES Solar III, LLC	Solar Thermal	Stirling	2005	Solicitation	Short-listed / under negotiation
PG0607	33R031	AnnMarie Roldan 415-973-5046	Green Volts	Solar PV	Green Volts	2006	Solicitation	CPUC approved - delayed
PG0613	33R032	Ted Maguire 415.973.0888	CalRenew 1	Solar PV	CalRenew	2006	Solicitation	CPUC approved - on schedule
PG0702A	M-R-7014	AnnMarie Roldan 415-973-5046	Microgy - Kings County re: Hanford Dairies	Digester gas	Microgy	2007	Bilateral	CPUC approved - delayed
PG0702B	M-R-7014	AnnMarie Roldan 415-973-5046	Microgy - Fresno County re: Riverdale Dairies	Digester gas	Microgy	2007	Bilateral	CPUC approved - delayed
PG0702C	M-R-7014	AnnMarie Roldan 415-973-5046	Microgy - Fresno County re: Kerman (Bar 20) Dairies	Digester gas	Microgy	2007	Bilateral	CPUC approved - delayed
PG0705	33R042 33R043	Elizabeth Motley 415-973-2368	San Joaquin Solar 1&2 (Bethel, Eviva)	Solar Thermal + Biomass	Spinnaker Energy	2007	Solicitation	CPUC approved - delayed
PG0706		Charlie Post 415-973-9286	World Waste Tech. Gonzales	Muni solid waste	World Waste Technologies	2007	Solicitation	Short-listed / under negotiation
PG0707	33R046	Mike Gonzales 415-973-7603	Topaz Solar Farms, LLC (OptiSolar)	Solar PV	First Solar	2007	Solicitation	CPUC approved - delayed
PG0708	33R034	Lynn Cerini 415-973-6737	Carizzo Solar Energy Farm (Ausra)	Solar Thermal	Ausra CA II, LLC	2007	Bilateral	Short-listed / under negotiation
PG0709		Rich Miram 415-973-1170	Western Renewable Power - Truckee Geothermal (combined)	Geothermal	Western Renewable Power	2007	Solicitation	Short-listed / under negotiation

CPUC ID	IOU ID	IOU Contact Person	Project Name	Technology Type	Developer Name	Solicitation / Bilateral Year	Contract Type	Project Status
PG0711 Confidential	33R052 Protected Material	Elizabeth Motley 415-973-2368 Material: Protected under Appendix 1 in Decision 06-06-066 and General Order 66-C	California Valley Solar Ranch (SunPower)	Solar PV	High Plains Ranch II, LLC (formerly SunPower)	2007	Solicitation	CPUC approved - delayed
PG0712	25C018EO1		Mt. Poso (Redhawk)	Biomass	Millenium Energy	2009	Bilateral	CPUC approved - on schedule
PG0714	33R078	Kelvin Yip 415-973-4354 Pat Fox 415-973-1379	Alpine Suntower, LLC (eSolar)	Solar Thermal	Alpine Suntower, LLC	2007	Solicitation	Pending CPUC approval
PG0715			Radiant Energy No.1	Solar PV	Radiant Energy	2007	Solicitation	Short-listed / under negotiation
PG0717		Neha Patel 415-973-6095	Solucar Inc.(Abengoa)	Solar Thermal	Abengoa	2007	Solicitation	Short-listed / under negotiation
PG0718		Rich Miram 415-973-1170	NextEra (Genesis) - previously called FPL Genesis	Solar Thermal - no storage	Genesis Solar, LLC (affiliate of NextEra Energy Resources, LLC)	2007	Solicitation	Pending CPUC approval
PG0720		Rich Miram 415-973-1170	Pacificorp	Wind	Pacificorp	2007	Bilateral	Online
PG0721	12N092	Ted Maguire 415.973.0888	South Feather	Small hydro	South Feather Water and Power	2007	Bilateral	Pending CPUC approval
PG0803		Joe Lawlor 415-973-1569	Gibson Dam Hydro (Tollhouse)	Small hydro	Gibson Dam Hydro	2008	Solicitation	Short-listed / under negotiation
PG0805		Hugh Merriam 415-973-1269	Cleantech America Stratford	Solar PV	Cleantech America	2008	Solicitation	Short-listed / under negotiation
PG0806		Heather Kellman 415-973-2922	Invenergy Vantage Wind	Wind	Vantage Wind Energy, LLC	2008	Solicitation	Pending CPUC approval
PG0807		Jon Forrester 415-973-4473	Macquarie Cook (Call & Put)	Wind	Macquarie Cook	2008	Solicitation	Short-listed / under negotiation

Tab:

CPUC ID	IOU ID	IOU Contact Person	Project Name	Technology Type	Developer Name	Solicitation / Bilateral Year	Contract Type	Project Status
PG0808 Confidential	Protected Mate	Jomo Thorne 415-973-3144	Iberdrola Star Point Decision 06-06-066 and General	Wind Order 66-C	Iberdrola	2008	Solicitation	Short-listed / under negotiation
PG0809		Rich Miram 415-973-1170	San Joaquin Solar 3 & 4	Solar Thermal	Spinnaker/Martifer	2008	Solicitation	Short-listed / under negotiation
PG0810		Sandy Burns 415-973-1627	NextLight Agua Caliente	Solar PV - Ground mount	Agua Cliente Solar, LLC (subsidiary of NextLight)	2008	Solicitation	Pending CPUC approval
PG0811		Pat Fox 415-973-1379	Alpaugh (previously named MMA/ENCO Alpaugh)	Solar PV	ENCO Utility Services/Samsung *	2008	Solicitation	Short-listed / under negotiation
PG0812		Rich Miram 415-973-1170	Raser Olene Geothermal 1	Geothermal	Raser Technologies	2008	Solicitation	Short-listed / under negotiation
PG0813		Jomo Thorne 415-973-3144	Horizon Kittitas Valley	Wind	Horizon	2008	Bilateral	Short-listed / under negotiation
PG0816	33R073	Sandy Burns 415-973-1627	NextLight AV Solar Ranch 1 (Antelope Valley)	Solar PV	NextLight	2008	Solicitation	Pending CPUC approval
PG0817			EME PV-41	Solar PV	Edison Mission Energy	2008	Solicitation	Negotiations terminated
PG0818		Sandy Burns 415-973-1627	NextLight Renewable Power - (Lost Hills & Blackwell) PV Project (previously named Cymric & Delfern)	Solar PV	NextLight	2008	Solicitation	Short-listed / under negotiation
PG0819		John Stephens 415-973-3136	EME PV-42	Solar PV	Edison Mission Energy	2008	Solicitation	Short-listed / under negotiation

CPUC ID	IOU ID	IOU Contact Person	Project Name	Technology Type	Developer Name	Solicitation / Bilateral Year	Contract Type	Project Status
PG0820 Confidential	Protected Material	Kelvin Yip 415-973-4354 Material: Protected under Appendix 1 in D	Victor Solar I (previously named Cuyama Solar Project Phase 2)	Solar PV Order 66-C	Helios Energy/Greenlight Sunstream/Axio Power	2008	Solicitation	Short-listed / under negotiation
PG0821		Neha Patel 415-973-6095	First Solar Desert Center (previously named Optisolar Desert Sunlight)	Solar PV	First Solar	2008	Solicitation	Short-listed / under negotiation
PG0823		Heather Kellman 415-973-2922	Nacimiento hydro dam	Small hydro	Monterey County Water Resources Agency	2008	Solicitation	Short-listed / under negotiation
PG0824		Rich Miram 415-973-1170	Sunpower Carissa 2	Solar PV	Sunpower	2008	Solicitation	Short-listed / under negotiation
PG0825		Heather Kellman 415-973-2922	Alta Rock Energy Corral Creek Geothermal	Geothermal	Alta Rock Energy	2008	Solicitation	Short-listed / under negotiation
PG0826		Uday Mathur 415-973-2784	Solar Millenium Blythe Solar Plant	Solar Thermal	Solar Millenium	2008	Solicitation	Short-listed / under negotiation
PG0827		Neha Patel 415-973-6095	Abengoa	Solar Thermal	Abengoa	2008	Solicitation	Short-listed / under negotiation
PG0614A	33R063	Lynn Cerini 415-973-6737	SolarPartners II (BrightSource I)	Solar Thermal	SolarPartners II, LLC & VIII, LLC	2009	Bilateral	Pending CPUC approval
PG0614D	33R064	Lynn Cerini 415-973-6737	SolarPartners VIII (BrightSource II)	Solar Thermal	SolarPartners VIII, LLC	2009	Bilateral	Pending CPUC approval
PG0614B	33R065	Lynn Cerini 415-973-6737	SolarPartners XII (BrightSource III)	Solar Thermal	SolarPartners XII, LLC	2009	Bilateral	Pending CPUC approval
PG0614E	33R066	Lynn Cerini 415-973-6737	SolarPartners XIV (BrightSource IV)	Solar Thermal	SolarPartners XIV, LLC	2009	Bilateral	Pending CPUC approval
PG0614C	33R067	Lynn Cerini 415-973-6737	SolarPartners XV (BrightSource V)	Solar Thermal	SolarPartners XV, LLC, XXII, LLC & XXIII, LLC	2009	Bilateral	Pending CPUC approval
PG0614F	33R068	Lynn Cerini 415-973-6737	SolarPartners XXII (BrightSource VI)	Solar Thermal	SolarPartners XXII, LLC	2009	Bilateral	Pending CPUC approval
PG0614G	33R069	Lynn Cerini 415-973-6737	SolarPartners XXIII (BrightSource VII)	Solar Thermal	SolarPartners XXIII, LLC	2009	Bilateral	Pending CPUC approval
PG0801	33R062	Laura Miller 415-973-8123	Solaren	Space Solar	Solaren	2009	Bilateral	Pending CPUC approval
PG0901A	33R070	Jim Shang 415-973-6759	Puget Hopkins Ridge	Wind	Puget Sound Energy	2009	Bilateral	Pending CPUC approval
PG0901B	33R070	Jim Shang 415-973-6759	Puget Wildhorse	Wind	Puget Sound Energy	2009	Bilateral	Pending CPUC approval
PG0902	33R071	Jim Shang 415-973-6759	Shell Energy White Creek	Wind	Cowlitz PUD, Klickitat PUD, Lakeview Light & Power and	2009	Bilateral	Pending CPUC approval
PG0903	33R072	Jim Shang 415-973-6759	Shell Energy Big Horn	Wind	Shell Energy North America, various developers	2009	Bilateral	Pending CPUC approval

CPUC ID	IOU ID	IOU Contact Person	Project Name	Technology Type	Developer Name	Solicitation / Bilateral Year	Contract Type	Project Status
Confidential	33R079	Mike Gonzales 415-973-7603	Copper Mountain	Solar PV	Sempre Generation	2008	Solicitation	CPUC approved - on schedule
	Protected Material: Protected under Appendix 1 in Decision 06-06-066 and General Order 66-C							
AB1969	33R046AB	Mike Gonzales 415-973-7603	Buckeye Hydro	Hydro	Buckeye Hydro	2008	Feed in tariff	Online
AB1969	33R047AB	Mike Gonzales 415-973-7603	Tunnel Hill Hydro	Hydro	Tunnel Hill Hydro	2008	Feed in tariff	Online
AB1969	33R061AB	Mike Gonzales 415-973-7603	Castelanelli Bros. Biogas	Biogas	Castelanelli Bros	2009	Feed in tariff	Online
AB1969	33R080AB	Mike Gonzales 415-973-7603	Google M3 Cogen Plant	Landfill gas	Google Inc.	2009	Feed in tariff	CPUC approved - on schedule
AB1969	33R077AB	Mike Gonzales 415-973-7603	Combie North Powerhouse	Hydro	Nevada Irrigation District	2009	Feed in tariff	Online
AB1969	33R053AB	Mike Gonzales 415-973-7603	Santa Maria II	Landfill gas	J&A Santa Maria II, LLC	2008	Feed in tariff	CPUC approved - on schedule
AB1969	33R059AB	Mike Gonzales 415-973-7603	Newell Creek Dam	Hydro	City of Santa Cruz Water Department	2008	Feed in tariff	CPUC approved - on schedule
AB1969	33R076AB	Mike Gonzales 415-973-7603	Parreira Almond Processing Co.	Biomass	Ortigitia Power Company LLC	2009	Feed in tariff	CPUC approved - on schedule
AB1969	33R044AB	Mike Gonzales 415-973-7603	Original Sixteen to One Hydro	Hydro	Original Sixteen to One Mine	2008	Feed in tariff	CPUC approved - delayed
AB1969	33R055AB	Mike Gonzales 415-973-7603	Black Butte Wind	Wind	Pedro Miqueo	2008	Feed in tariff	CPUC approved - on schedule
AB1969	33R040AB	Mike Gonzales 415-973-7603	Milpitas Landfill	Landfill gas	RTR Global Investments	2008	Feed in tariff	CPUC approved - on schedule
AB1969	33R057AB	Mike Gonzales 415-973-7603	American Canyon Landfill	Landfill gas	RTR Global Investments	2008	Feed in tariff	CPUC approved - on schedule
AB1969	33R049AB	Mike Gonzales 415-973-7603	Menlo Park Landfill	Landfill gas	RTR Global Investments	2008	Feed in tariff	CPUC approved - on schedule
AB1969	33R048AB	Mike Gonzales 415-973-7603	Guadalupe Mines Landfill	Landfill gas	RTR Global Investments	2008	Feed in tariff	CPUC approved - on schedule
AB1969	33R051AB	Mike Gonzales 415-973-7603	Visalia Landfill	Landfill gas	RTR Global Investments	2008	Feed in tariff	CPUC approved - on schedule
AB1969	33R050AB	Mike Gonzales 415-973-7603	Santa Cruz Landfill	Landfill gas	RTR Global Investments	2008	Feed in tariff	CPUC approved - on schedule
AB1969	33R041AB	Mike Gonzales 415-973-7603	Shastaview	Hydro	Shastaview, Inc	2008	Feed in tariff	CPUC approved - delayed
PG0403	33R013	Lynn Cerini 415-973-6737	Montezuma Wind	Wind	NextEra Energy	2004	Solicitation	CPUC approved - delayed
PG0504	33R020	Jessica Hilgart 415-973-1260	HFI Silvan	Biomass	Vulcan	2005	Solicitation	CPUC approved - terminated
		Joe Lawlor 415-973-1569	Woodland Biomass	Biomass	DTE Energy Services	2009	Bilateral	Online
		Joe Lawlor 415-973-1569	POSDEF	Biomass	DTE Stockton, LLC	2008	Bilateral	Pending CPUC approval
		Kelvin Yip 415-973-4354	Big Creek	Small hydro	Big Creek Water Works, Ltd.	2008	Bilateral	Pending CPUC approval
		Neha Patel 415-973-6095	Abengoa	Solar Thermal - no storage	Abengoa Solar	2007	Solicitation	Pending CPUC approval
		Gary Jeung 415-973-5481	Geyers	Geothermal	Geysers Power Company, LLC	2008	Bilateral	Pending CPUC approval
		Kelvin Yip 415-973-4354	Mt. Poso (Redhawk)	Biomass	Mt. Poso Cogeneration Company, LLC	2007	Solicitation	Pending CPUC approval
		Uday Mathur 415-973-2784	Solar Reserve (Rice)	Solar Thermal - with storage (molten salt)	Rice Solar, LLC (subsidiary of Solar Reserve, LLC)	2009	Bilateral	Pending CPUC approval
		Charlie Post 415-973-9286	Shell (Big Horn)	Wind	Shell Energy purchasing specified portion from developer (Iberdrola)	2009	Bilateral	Pending CPUC approval
		Charlie Post 415-973-9286	Shell (Wheat Field)	Wind	Shell Energy purchasing specified portion from developer (Horizon Wind Energy)	2009	Bilateral	Pending CPUC approval
		Charlie Post 415-973-9286	Shell (Combine Hills II)	Wind	Shell Energy purchasing specified portion from developer (Eurus Energy America)	2009	Bilateral	Pending CPUC approval

CPUC ID	IOU ID	IOU Contact Person	Project Name	Technology Type	Developer Name	Solicitation / Bilateral Year	Contract Type	Project Status
Confidential	Protected Mate							
		Rich Miram 415-973-1170	PacifiCorp Q4 2009	Wind	PacifiCorp	2008	Bilateral	CPUC approved - on schedule
		Rich Miram 415-973-1170	PacifiCorp 2010-2012	Wind	PacifiCorp	2008	Bilateral	CPUC approved - on schedule
		Joe Lawlor 415-973-1569	Big Valley	Biomass	Big Valley Power, LLC	2008	Bilateral	Pending CPUC approval

Tab:

If applicable, describe reasons for delay or termination	Vintage	City	County	State	Latitude	Longitude	CREZ	Site Owner	BLM application serial number (if applicable)
Permitting Delay Confidential Protected Material:	New Protected	Lompac/Midway under Appendix 1 in Decision	Santa Barbara 06-06-066 and General	CA Order 66-C	34.57487	-120.51681	Santa Barbara	Private	N/A
Permitting Delay	New	Lost Hills	Kern	CA	35.69972	-119.81833	NonCREZ	Seller	N/A
Appeals on BLM leases delayed issuance, which has delayed drilling of test wells.	New	Truckhaven	Imperial	CA	33.24778	-115.97917	Imperial North	BLM	Lease Serial # CACA 43003
	New	Burney	Shasta	CA	40.88222	-121.66056	Round Mountain	Private	N/A
	New	Tehachapi	Kern	CA	34.9283	-118.45472	Tehachapi	Multiple	
Permit Delays/Problems securing site	New	TBD	San Bernardino	CA	34.4064	-116.70972		BLM	TBD
	New	SP-15		CA				BLM	
Generating component redesign required.	New	Byron	Alameda	CA	37.7947	-121.57972	Solano	Private	Not required
	New	Mendota	Fresno	CA	36.7578	-120.36609	NonCREZ	City	N/A
Financing not yet acquired.	New	Hanford	Kings	CA	36.2108	-119.59861	NonCREZ	Private	Not required
Financing not yet acquired.	New	Fresno	Fresno	CA	36.5769	-120.00972	NonCREZ	Private	Not required
Financing not yet acquired.	New	Kerman	Fresno	CA	36.7342	-120.27333	NonCREZ	Private	Not required
Transmission Upgrades / Permitting	New	Coalinga	Fresno	CA	36.1375	-120.21694	NonCREZ	Private	N/A
	New	Gonzales	Monterey	CA	36.5761	-121.38028			
Permitting Issues	New	Santa Margarita	San Luis Obispo	CA	35.4078	-120.09417	Carrizo South	Private	N/A
Advice Letter for approval withdrawn	New	Santa Margarita	San Luis Obispo	CA	35.3707	-120.0432	Carrizo South	Private	
	New		Nye County	NV					

If applicable, describe reasons for delay or termination	Vintage	City	County	State	Latitude	Longitude	CREZ	Site Owner	BLM application serial number (if applicable)
Transmission Upgrades / Confidential Protected Material:	New Protected	California Valley under Appendix 1 in Decision 06-06-066 and General	San Luis Obispo	CA Order 66-C	35.3514	-119.95194	Carrizo South	Private	N/A
	New	Bakersfield	Kern	CA	35.5765	-119.00638	NonCREZ	Private	
	New	Lancaster	Los Angeles	CA	34.7978	-118.5151	Tehachapi	Private	
	New	Grapevine		CA				Private	
	New	Harper Lake	San Bernardino	CA	35.001	-117.01790		Private	
	New							BLM	
	Existing	Blythe	Riverside	CA	33.6654	-114.9987			
	Existing	various		WA, WY, ID					
	Existing	Oroville		CA	39.5835	-121.1098			
	New		Augusta	MT	39.5258	-121.4882			
	New	Stratford	Kings	CA	36.7578	-120.36609			Not applicable. None of the sites we have identified are BLM land.
	New	Vantage Wind Energy Center, Ellensburg	Kittitas	WA	46.9567	-120.1569		Developer	Not applicable. None of the sites we have identified are BLM land.
	New	Facility Post 2005, COB		OR					

Tab:

If applicable, describe reasons for delay or termination	Vintage	City	County	State	Latitude	Longitude	CREZ	Site Owner	BLM application serial number (if applicable)
Confidential Protected Material:	New Protected	under Appendix 1 in Decision	06-06-066 and General	Sherman OR Order 66-C	45.5192	-120.51121		Private	This project is not on any BLM land.
	New	Coalinga	Fresno	CA					
	New	Roll	Yuma	AZ	32.9733	-113.4986			This is not applicable. The project is located on private land.
	New		Tulare	CA	35.8913	-119.49105		Multiple	not applicable
	New	Klamath Falls		OR				Private	
	New		Kittitas	WA	47.1468	-120.67602			N/A
	New	Lancaster	Los Angeles	CA	34.775	-118.425	NonCREZ	Seller	This is not applicable. The project is located on private land.
	New	Santa Margarita	San Luis Obispo	CA	37.0908	-120.27851			
	New	McKittrick	Kern	CA	35.4053	-119.68667			This is not applicable. The project is located on private land.
	New	New Cuyama	Santa Barbara	CA	34.9391	-119.63906			

If applicable, describe reasons for delay or termination	Vintage	City	County	State	Latitude	Longitude	CREZ	Site Owner	BLM application serial number (if applicable)
Confidential Protected Material:	New Protected	Victorville under Appendix 1 in Decision	San Bernardino 06-06-066 and General	CA Order 66-C	34.5061	-117.48583		Private	N/A. The Victor Solar I project will be constructed solely on private land. Axio c/o Victor Solar I, LLC secured a 5 year Option to Purchase agreement for the 634 acre project footprint in June of 2009, valid through June of 2014.
	New	Desert Center	Riverside	CA	33.8425	-115.405		BLM	CACA-048649
	Existing	Nacimiento Reservoir	San Luis Obispo	CA	35.7586	-120.8849			
	New	Carizzo Plain	San Luis Obispo	CA				Private	
	New		Modock	CA					
	New	Blythe	Riverside	CA	33.6661	-114.74705		BLM	CACA-48811
	New	Harper Lake		CA	35.0106	-117.33028			
	New	Ivanpah	San Bernardino	CA	35.5636	-115.48111	Mountain Pass	BLM	CACA 048668
	New	Ivanpah	San Bernardino	CA	35.5636	-115.48111	Mountain Pass	BLM	CACA 048668
	New	Coyote Springs	Lincoln	NV	36.97	-114.91	NonCREZ	Private	N/A
	New	Coyote Springs	Lincoln	NV	36.97	-114.91	NonCREZ	Private	N/A
	New	Broadwell Dry Lake	San Bernardino	CA	34.83	-116.22		BLM	Not Applicable (Application process has not begun at this site)
	New	Broadwell Dry Lake	San Bernardino	CA	34.83	-116.22		BLM	Not Applicable (Application process has not begun at this site)
	New	Broadwell Dry Lake	San Bernardino	CA	34.83	-116.22		BLM	Not Applicable (Application process has not begun at this site)
	New	Cantua Creek	Fresno	CA	36.6034	-120.38866	NonCREZ	Site not yet identified	N/A
	New	Dayton	Columbia	WA	46.4196	-117.8478		Private	N/A
	New	Ellensburg	Kittitas	WA	47.0219	-121.6456		Private	N/A
	New	Roosevelt	Klickitat	WA	45.74	-120.21		Private	N/A
	New	Bickleton	Klickitat	WA	45.9197	-120.3039		Private	N/A

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If applicable, describe reasons for delay or termination	Vintage	City	County	State	Latitude	Longitude	CREZ	Site Owner	BLM application serial number (if applicable)
Confidential Protected Material:	New Protected	Boulder City under Appendix 1 in Decision 06-06-066 and General	Clark	NV	36.7753	-115		Seller	N/A
	Existing	Georgetown	El Dorado County	CA	38.9247	-120.8123			N/A
	Existing	Georgetown	El Dorado County	CA	38.9438	-120.7217			N/A
	Existing	Lodi		CA	38.0866	-121.3197			N/A
Terminated, previously received incentives from SGIP.	Existing	Mountain View		CA	37.4187	-122.0835			N/A
	Existing	Grass Valley		CA	39.0121	-121.0579			N/A
	Existing	Santa Maria	Santa Barbara	CA	34.9482	-120.3796			N/A
	Existing	Santa Cruz	Santa Cruz	CA	37.1012	-122.0742			N/A
	Existing	Los Banos		CA	36.9776	-120.8712			N/A
Interconnection costs are higher than expected by seller.	Existing	Alleghany	Sierra	CA	39.4659	-120.8457			N/A
	Existing	Red Bluff	Tehema	CA	39.852	-122.3571			N/A
	Existing	Milpitas		CA	37.4547	-121.9249			N/A
	Existing	American Canyon		CA	38.181	-122.2653			N/A
	Existing	Menlo Park		CA	37.4841	-122.1695			N/A
	Existing	San Jose	Santa Clara	CA	37.2103	-121.9			N/A
	Existing	Visalia	Fresno	CA	36.9861	-122.1032			N/A
	Existing	Santa Cruz	Santa Cruz	CA	36.3887	-119.3947			N/A
Issue with purchasing of project site land.	Existing	Whitmore	Shasta	CA	40.64	-121.89			N/A
Permitting Delay	New	Birds Landing	Solono	CA	38.1488	-121.8132	Solano	Private	N/A
Counterparty unable to acquire fuel supply contract.	New	La Pine		OR					
	Existing	Woodland		CA	38.68890	-121.73742		Seller	N/A
	Existing	Port of Stockton	San Joaquin	CA	37.9333	-121.3167			
	Existing	Hyampom	Trinity	CA	40.6468	-123.498			
	New	Harper Lake	San Bernardino	CA	35.001	-117.0179			
	Existing	Middletown	Sonoma and Lake	CA	38.76	-122.7175			
	Existing	Bakersfield	Kern	CA	35.57639	-119.0062			
	New	Rice (Rice Airfield)	Riverside	CA	34.06583	-114.72028	NonCREZ	Private	CACA 51022
	New	Bickleton		WA	45.91966	-120.30385			
	New	Arlington		OR	45.38273	-120.17413			
	New	Milton-Freewater		OR	45.9464	-118.3226			

If applicable, describe reasons for delay or termination	Vintage	City	County	State	Latitude	Longitude	CREZ	Site Owner	BLM application serial number (if applicable)
Confidential Protected Material:	New	under Appendix 1 in Decision C	Carbon County, WY (Seven Mile Hill I and II); Converse County, WY (Glenrock I and II, Rolling Hills); Columbia County (Marengo II); Bonneville and Bingham County, ID (Woverine Creek)	WY, WA, ID	41.96 (Seven Mile Hill I and II); -43.0198 (Glenrock I and II, Rolling Hills); -42.3747 (Marengo II); -43.5030 (Woverine Creek)	-106.3953 (Seven Mile Hill I and II); -105.8457 (Glenrock I and II, Rolling Hills); -117.7772 (Marengo II); -111.8667 (Woverine Creek); -120.5909 (Goodnoe Hills)			
	New		Carbon County, WY (Seven Mile Hill I and II); Converse County, WY (Glenrock I and II, Rolling Hills); Columbia County (Marengo II); Bonneville and Bingham County, ID (Woverine Creek); Klickitat, WY (Goodnoe Hills)	WY, WA, ID	41.96 (Seven Mile Hill I and II); -43.0198 (Glenrock I and II, Rolling Hills); -42.3747 (Marengo II); -43.5030 (Woverine Creek); 45.7797 (Goodnoe Hills)	-106.3953 (Seven Mile Hill I and II); -105.8457 (Glenrock I and II, Rolling Hills); -117.7772 (Marengo II); -111.8667 (Woverine Creek); -120.5909 (Goodnoe Hills)			
	Existing	Bieber		CA	41.13	-121.14			
					Page 17 of 50				

Contract Length (years)	Financing Status	Is the EPC contract executed?	Has the owner's engineer been hired?	Is the O&M Contract Signed? Self-perform?	Is the water supply agreement signed (if applicable)?	Has an order been placed for any major equipment? Refer to "Menus" for tech-specific equipment
20 Confidential	Not yet seeking financing Protected Material: Protec	Under Negotiation	Under Negotiation	Self-perform		No - no major equipment ordered yet. If yes, choose below.
15	Partial financing					
		Not started	Not started	Not started	Not started	No - no major equipment ordered yet.
20	Partial financing					
		Not started	Not started	Not started	Not started	No - no major equipment ordered yet.
20	Financing issues may cause project delay	Signed	Signed	Under negotiation		Wind - Wind Turbines
10	n/a					
		Under Negotiation	Signed	Self-perform		Wind - Wind Turbines
25	Financing issues may cause project delay					
		Not started	Not started	Not started	Not started	No - no major equipment ordered yet. If yes, choose below.
20						
20	Partial financing	Signed	Signed	Self-perform	Signed	Solar PV - solar PV modules
20	Seeking financing	Signed	Signed	Not started	N/A	Solar PV - solar PV modules
10	Partial financing	Under Negotiation	Under Negotiation	Self-perform	Signed	No - no major equipment ordered yet. If yes, choose below.
10	Partial financing	Under Negotiation	Under Negotiation	Self-perform	Signed	No - no major equipment ordered yet. If yes, choose below.
10	Partial financing	Under Negotiation	Under Negotiation	Self-perform	Signed	No - no major equipment ordered yet. If yes, choose below.
10	Partial financing	Under Negotiation	Under Negotiation	Self-perform	Signed	No - no major equipment ordered yet. If yes, choose below.
20	Not yet seeking financing					
		Not started	Signed	Not started	Under Negotiation	Solar PV - solar PV modules
20						
25	Partial financing					
		Self-provided	Self-provided	Self-perform		Solar PV - solar PV modules
20	Financing issues may cause project delay					
15						

Contract Length (years)	Financing Status	Is the EPC contract executed?	Has the owner's engineer been hired?	Is the O&M Contract Signed? Self-perform?	Is the water supply agreement signed (if applicable)?	Has an order been placed for any major equipment? Refer to "Menus" for tech-specific equipment
28 Confidential	Not yet seeking financing Protected Material: Protec	Signed	Signed	Self-perform	Signed	No - no major equipment ordered yet. If yes, choose below.
2	N/A					
20	Not yet seeking financing	No, but discussions with EPC vendors are ongoing.	Engineering and permitting contractors have been hired and are actively working.	An O&M agreement with an NRG operating subsidiary, or other O&M company, would be put in place as we get nearer to the COD.	We control water supply through onsite groundwater wells owned with the property.	46 MW steam turbines are available for the project through a turbine supply agreement with Siemens.
20						
25		Financing issues may cause project delay	Under Negotiation	Signed	Self-perform	Signed
25						
3.5						
49						
20						
20		No. EPC contracts will be executed further in the development process after we have a CPUC approved PPA and are closer to start of construction.	Conceptual engineering has been conducted for some sites.	We plan to self-perform O&M through an affiliate.	Not applicable. Daily water supply is not required for operation of a PV generation facility other than periodic panel washing which is minimal usage.	No. Supply indications have been received from several suppliers, but solar module supply contracts will not be executed until after an acceptable PPA has been executed and approved by the CPUC.
15		Yes, our balance of plant contract was executed on December 16, 2009.	Several engineering contractors have been hired for separate purposes. HDR was hired in 2008 for switchyard design in 2008 (partially constructed), ESM was hired for road design in 2008 (partially constructed), ECI was hired for electrical design in 2008, Barr was hired for foundation design in 2008, and Terracon was hired for geotechnical engineering/design in 2008.	O&M will be self-performed	not applicable	Yes - the wind turbines had arrived on the West Coast by August of 2009
10						

Tab:

Contract Length (years)	Financing Status	Is the EPC contract executed?	Has the owner's engineer been hired?	Is the O&M Contract Signed? Self-perform?	Is the water supply agreement signed (if applicable)?	Has an order been placed for any major equipment? Refer to "Menus" for tech-specific equipment
10 Confidential	Protected Material: Protec	IRI manages the construction of our own wind projects and works with subcontractors to perform the work. The agreements with these subcontractors are executed.	Yes (we are assuming you are referring to a "design" engineer for the facility).	The turbine supplier (Suzlon) will be providing the O&M for the project during the first five (5) years as part of their standard Turbine Supply agreement. At the end of this period, IRI will perform the O&M. IRI will also perform the balance-of-plant O&M from the start.	N/A	Yes and 100% of the turbines have been delivered to the site.
25 + 30 month phase-in	Not yet seeking financing	NextLight has not yet executed an EPC contract for the project. NextLight has solicited and received firm EPC bids and expects to award an EPC contract by second quarter of	NextLight has hired Black & Veatch Corporation as the project engineer.	NextLight will contract for O&M services and has issued a solicitation for initial quotes. It has not yet signed an O&M contract.	A water supply agreement is not necessary. The project's water requirements are minimal, and will be met by using existing water wells located on the site.	Solar PV modules and other major equipment are included as part of the EPC contract, which NextLight expects to execute by the second quarter of 2010.
25	Not yet seeking financing	Under Negotiation	Signed	Under negotiation		No - no major equipment ordered yet. If yes, choose below.
20 15		No, but we have short-listed bidders.	A civil design engineer and an electrical engineer have been hired.	Yes, a 5-year O&M contract has been signed with the turbine manufacturer.	N/A	Yes, wind turbines have been procured.
25	Not yet seeking financing	NextLight has not yet executed an EPC contract for the project. NextLight has solicited and received firm EPC bids and expects to award an EPC contract by second quarter of 2010.	NextLight has hired Black & Veatch Corporation as the project engineer.	NextLight will contract for O&M services and has issued a solicitation for initial quotes. It has not yet signed an O&M contract.	A water supply agreement is not necessary. The project's water requirements are minimal, and will be met by using existing water wells located on the site.	Solar PV modules and other major equipment are included as part of the EPC contract, which NextLight expects to execute by the second quarter of 2010.
20 25	Not yet seeking financing	NextLight has not yet executed an EPC contract for the project. NextLight has solicited and received firm EPC bids for its AVSR1 and Agua Caliente projects and intends to use one of the same EPC contractors chosen for those projects for Lost Hills. NextLight expects to sign an EPC contract for the project in the second quarter of 2010.	NextLight has hired Black & Veatch Corporation as the project engineer.	NextLight will contract for O&M services and has issued a solicitation for initial quotes. It has not yet signed an O&M contract.	NextLight has had initial discussions with the Berrenda Mesa Water District for water supply, but has not yet signed an agreement. The project's water requirements are minimal.	Solar PV modules and other major equipment are included as part of the EPC contract, which NextLight expects to execute by the second quarter of 2010.
20						

Contract Length (years)	Financing Status	Is the EPC contract executed?	Has the owner's engineer been hired?	Is the O&M Contract Signed? Self-perform?	Is the water supply agreement signed (if applicable)?	Has an order been placed for any major equipment? Refer to "Menus" for tech-specific equipment
25	Not yet seeking financing	Axio has not executed an EPC contract, however, we have engaged in preliminary discussions with several EPC and equipment providers to validate construction and capital cost assumptions. Axio does not expect to execute an EPC contract until after an interconnect agreement is signed, expected Q1-2012.	Axio entered into an MOU with Sharp Solar to provide preliminary engineering and design support for the project. Axio has also engaged engineering resources from Superna Energy to provide interconnect support and owners engineering services.	Axio anticipates signing an O&M contract with the EPC provider as part of the EPC contract, not expected until after Q1-2012.	No water needs are required to operate the generating facility - water is required for periodic cleaning of the modules only. The site is currently operated as a dairy and has an existing water allocation. Axio has secured the right to purchase all required water rights from the landowner as part of the Option to Purchase Agreement.	Axio has not placed an order for the project equipment, however, we have entered into an MOU with Sharp Solar to provide preliminary engineering and design support. As part of the MOU, Sharp has also indicated their interest to provide module allocation for the project at a later date. Given the approximately three year lead until construction commencement, Axio plans to enter into a binding agreement for module supply closer to the construction start date to ensure the most competitive pricing possible.
25	Seeking financing	Under Negotiation	Under Negotiation	Self-perform	Under Negotiation	Solar PV - solar PV modules
10						
25	Not yet seeking financing					
20						
25	Seeking financing	Under Negotiation	Signed	Not started		No - no major equipment ordered yet. If yes, choose below.
25	Seeking financing	Signed	Signed	Self-perform	Under Negotiation	Solar thermal - Solar field, steam turbine, steam generator/heat
25	Seeking financing	Signed	Signed	Self-perform	Under Negotiation	No - no major equipment ordered yet. If yes, choose below.
25	Not yet seeking financing	Under Negotiation	Under Negotiation			No - no major equipment ordered yet. If yes, choose below.
25	Not yet seeking financing	Under Negotiation	Under Negotiation			No - no major equipment ordered yet. If yes, choose below.
25	Not yet seeking financing					No - no major equipment ordered yet. If yes, choose below.
25	Not yet seeking financing					No - no major equipment ordered yet. If yes, choose below.
25	Not yet seeking financing					No - no major equipment ordered yet. If yes, choose below.
15	Seeking financing	Not yet	Chief engineer on staff	Self-perform	N/A Water not required	No- equipment is not yet scheduled to be ordered. Need date fo
1	All financing secured	Operational prior to contract execution	Operational prior to contract execution	Operational prior to contract execution	N/A	Operational prior to contract execution
1	All financing secured	Operational prior to contract execution	Operational prior to contract execution	Operational prior to contract execution	N/A	Operational prior to contract execution
3	All financing secured	Operational prior to contract execution	Operational prior to contract execution	Operational prior to contract execution	N/A	Operational prior to contract execution
2	All financing secured	Operational prior to contract execution	Operational prior to contract execution	Operational prior to contract execution	N/A	Operational prior to contract execution

Tab:

Contract Length (years)	Financing Status	Is the EPC contract executed?	Has the owner's engineer been hired?	Is the O&M Contract Signed? Self-perform?	Is the water supply agreement signed (if applicable)?	Has an order been placed for any major equipment? Refer to "Menus" for tech-specific equipment
20	All financing secured					
Confidential	Protected Material: Protec	Signed	Signed	Self-perform		Solar PV - solar PV modules
10		Signed	Signed	Self-perform		Hydro/Ocean/Tidal - turbine or other power conversion device
20		Signed	Signed	Self-perform		Hydro/Ocean/Tidal - turbine or other power conversion device
10		Signed	Signed	Self-perform		Hydro/Ocean/Tidal - turbine or other power conversion device
10						
15		Signed	Signed	Self-perform		Hydro/Ocean/Tidal - turbine or other power conversion device
15						
20						
15						
20						
20						
20						
20						
20						
20						
20						
20						
20						
20	Seeking financing	Under Negotiation	Signed	Signed		Wind - Wind Turbines
10	N/A	N/A	N/A	N/A	N/A	N/A
25	All financing secured					
20	n/a					
25						
12						
15						
25	Seeking financing	Under Negotiation	Under Negotiation	Under negotiation		No - no major equipment ordered yet. If yes, choose below.
1						
2						
2						

Other technology-specific milestones. Refer to "Menus" for tech-specific milestones.	EIR Agency/Permit Type	Permit Status	Currently planned permitting completion date	Description of major permitting issues
Wind - bat study and avian study complete. For avian study: all three seasons and fall breed nest report	Santa Barbara Co. / CUP	Complete	LUP expected Q1 2011 CUP Complete	CUP is complete, but lawsuit has been filed against County.
No - milestones not met. If yes, choose below.	Kern County / CUP	Delayed	10/31/2010	CEQA/EIR process with Kern County has been slow, which has caused a delay of about 3 years. Original application was filed in June 2006, with final EIR/CUP expected by Q4 2010.
No - milestones not met. If yes, choose below.	TBD	Not filed	10/31/2011	Permit application will not be filed until test well results determine plant location within site.
Wind - bat study and avian study complete. For avian study: all three seasons and fall breed nest report	Shasta Co. / CUP	Complete	03/1/2010	
No - milestones not met. If yes, choose below.	Kern County - Wind Energy Overlay	Complete	Complete for base project, expected completion for additional is Spring 2010	None
No - milestones not met. If yes, choose below.	CEC / AFC	Not filed	TBD	Permit application has been delayed by Mother Road nat. park issue.
No - milestones not met. If yes, choose below.	Alameda County / CUP	Complete	June 2010	GV received final CUP and Building permit. Due to recent tracker design changes, GV was required by Alameda County to revise its applications.
No - milestones not met. If yes, choose below.	City of Mendota / Zone Solar	Complete	Complete	
No - milestones not met. If yes, choose below.	Kings Co. / CUP	Complete	Complete	
No - milestones not met. If yes, choose below.	Fresno Co. / CUP	Complete	Complete	
No - milestones not met. If yes, choose below.	Fresno Co. / CUP	Complete	Complete	
No - milestones not met. If yes, choose below.	CEC / CUP	Potential for delay	Q3 2010	Key Issue: Delays, Air Quality, Biological - Developer requested Kit Fox Regional Assessment to be included in the Preliminary Staff Assessment (PSA) by CEC. Additionally PSA was expected 12/15/09. Has been delayed due to CEC workload, and now indefinitely due to project's loss of place in transmission queue.
	San Luis Obispo Co. / CUP	Potential for delay	12/31/2010	Potential for delay due to wildlife corridor issue (projects Carizzo Solar Energy Farm, California Valley Solar and Topaz Solar Farms jointly share this issue).
	CEC / AFC	Delayed		Potential for delay due to wildlife corridor issue (projects Carizzo Solar Energy Farm, California Valley Solar and Topaz Solar Farms jointly share this issue).

Other technology-specific milestones. Refer to "Menus" for tech-specific milestones.	EIR Agency/Permit Type	Permit Status	Currently planned permitting completion date	Description of major permitting issues
No - milestones not met. If yes, choose below.	San Luis Obispo County / CUP	Potential for delay	Q4 2010	Potential for delay due to wildlife corridor issue (projects Carizzo Solar Energy Farm, California Valley Solar and Topaz Solar Farms jointly share this issue).
		Complete		
NA	CEC/AFC	Not filed	We submitted a Conditional Use permit application to Los Angeles County on 12/23/09. It is anticipated that permitting will take approximately one year and conclude prior to 12/31/2010.	
No - no major equipment ordered yet. If yes, choose below.	CEC/AFC	On schedule	10/1/2010	
			Planned permitting completion dates to be determined at time of PPA execution.	
awaiting more detail	35 of 50	Complete	They are complete	Tab.

Other technology-specific milestones. Refer to "Menus" for tech-specific milestones.	EIR Agency/Permit Type	Permit Status	Currently planned permitting completion date	Description of major permitting issues
<p>I'm guessing that the avian study this bullet is referring to is a requirement for an in-state wind project. This project is located in an area that has a significant amount of data from nearby projects (2001-2007), so avian use is well known and documented for all seasons. For our project, avian studies were completed as part of the application process for the Conditional Use Permit (CUP). Spring and summer avian use surveys were completed within the project's lease boundary, as were raptor nest studies. For bats, IRI also looked at bat fatalities at nearby projects and assessed the habitat within the project's lease boundary. We worked with the Oregon Department of Fish and Wildlife and they did not request any further studies. Does this sufficiently respond to this question? If not, please let me know and we can provide more information.</p>			All permitting for this project is complete.	
None of the items in this question are applicable.			All of the major construction permits have been issued. Yuma County construction permits for grading and drainage and encroachment will be advanced by the EPC	
		On schedule	Aug-10	
Yes, all wildlife studies, including bat and avian, are complete.			Permitting is already completed.	
None of the items in this question are applicable.	Los Angeles County / CUP	Not filed	NextLight expects to complete the permitting process in July 2010. If the Conditional Use Permit approval is appealed to the Los Angeles County Board of Supervisors, NextLight expects the appeal to be decided by October 2010.	
None of the items in this question are applicable.			NextLight expects to complete the permitting process in October 2010. Both projects are being permitted together.	

Other technology-specific milestones. Refer to "Menus" for tech-specific milestones. Solar – N/A	EIR Agency/Permit Type	Permit Status	Currently planned permitting completion date	Description of major permitting issues
		Not filed	Q1-2013	
	NEPA/CEC/AFC	On schedule	11/1/2010	
	CEC/AFC	On schedule	Nov 2010	
	Joint CEC-BLM / AFC	On schedule	June/July 2010	
No - milestones not met. If yes, choose below.	Joint CEC-BLM / AFC	On schedule	June/July 2011	
No - milestones not met. If yes, choose below.	Lincoln County, NV	On schedule		
No - milestones not met. If yes, choose below.	Lincoln County, NV	On schedule		
No - milestones not met. If yes, choose below.	Joint CEC-BLM / AFC	On schedule		
No - milestones not met. If yes, choose below.	Joint CEC-BLM / AFC	On schedule		
No - milestones not met. If yes, choose below.	Joint CEC-BLM / AFC	On schedule		
No - milestones not met. If yes, choose below. See PPA Appendix III for Solaren milestone.		Not filed	06/1/2016	Has not started permit application
Operational prior to contract execution	N/A	Complete		Operational prior to contract execution
Operational prior to contract execution	N/A	Complete		Operational prior to contract execution
Operational prior to contract execution	N/A	Complete		Operational prior to contract execution
Operational prior to contract execution	N/A of 50	Complete		Operational prior to contract execution

Other technology-specific milestones. Refer to "Menus" for tech-specific milestones.	EIR Agency/Permit Type	Permit Status	Currently planned permitting completion date	Description of major permitting issues
Confidential Protected Material: Protected under Appendix 1 in Decision 06-06-066 and General Order 66-C		Complete	01/8/2010	
			Complete	
			Complete	
			Complete	
			Complete	
Wind - bat study and avian study complete. For avian study, all three seasons and fall breed nest report	Solano County /CUP	Delayed	Feb-10	Issue with radar interference at Travis AFB.
N/A	N/A	Complete	N/A	N/A
		Complete		
CEC/AFC	CEC/AFC	On schedule	Dec 2010	

Other technology-specific milestones. Refer to "Menus" for tech-specific milestones.	EIR Agency/Permit Type	Permit Status	Currently planned permitting completion date	Description of major permitting issues
Confidential Protected Material: Protected under Appendix 1 in Decision 06-06-066 and General Order 66-C		Complete		
		Complete		
		Complete		

Other technology-specific milestones. Refer to "Menus" for tech-specific milestones.	EIR Agency/Permit Type	Permit Status	Currently planned permitting completion date	Description of major permitting issues
Confidential Protected Material: Protected under Appendix 1 in Decision 06-06-066 and General Order 66-C				

Guaranteed Construction Start date	Expected Construction Start date	Construction Status	Guaranteed COD	Actual or Expected COD	Min Energy (GWh)	Max Energy (GWh)	Min Capacity (MW)	Max Capacity (MW)	Phased?	Describe phases (MW, GWh, CODs). Specify if optional / whose option
{Redacted} Confidential Prote	Q1 2011	Not yet begun ected under Appendix 1 in Decision	10/1/2008	06/1/2010 06-06-066 and	280	280	82.5	82.5	No	{Redacted}
		Not yet begun	12/31/2009	06/1/2013	35	70	5	10	No	
	02/15/2011									
		Not yet begun	07/1/2012	07/1/2012	366	366	49	49	No	
	09/1/2011									
	06/25/2009	Not yet begun	12/31/2010	10/20/2010	227	303	78.2	103.2	No	
		Not yet begun	03/15/2012	01/1/2012	530	840	189	300	No	
	2010									
		Not yet begun	01/1/2012	01/1/2014	1388	1388	553	553	No	
	TBD									
									N/A	
	08/11/2008	Begun - delayed	10/1/2008	06/1/2010	5	5	2	2	Yes	
	08/10/2009	On schedule	04/30/2010	04/30/2010	9	9	5	5	No	
	TBD by Microgy	Not yet begun	N/A	1Q2011	See Notes	See Notes	See Notes	See Notes	No	
	TBD by Microgy	Not yet begun	N/A	1Q2011	See Notes	See Notes	See Notes	See Notes	No	
	TBD by Microgy	Not yet begun	N/A	1Q2011	See Notes	See Notes	See Notes	See Notes	No	
		Not yet begun	06/30/2011	06/30/2012	700	700	107	107	No	
	Q1 2011									
			N/A	01/1/2014	163	163	20	20	N/A	
	12/31/2011	Not yet begun	06/30/2014		1066	1066	550	550	Yes	
		Not yet begun	03/4/2012	01/1/2014	388	388	177	177	N/A	
			N/A	06/1/2012	248	248	30	30	N/A	

Guaranteed Construction Start date	Expected Construction Start date	Construction Status	Guaranteed COD	Actual or Expected COD	Min Energy (GWh)	Max Energy (GWh)	Min Capacity (MW)	Max Capacity (MW)	Phased?	Describe phases (MW, GWh, CODs). Specify if optional / whose option
Confidential Prote	01/1/2011	Not yet begun ected under Appendix 1 in Decision	12/31/2010	12/31/2011	594	594	210	210	Yes	
		Complete	Online	05/15/2009	None, expected 300+	None, expected 300+	49.5	49.5	No	
		Start of construction is anticipated to be prior to January 31, 2011.	03/1/2012	03/1/2012	97	193	46	92	Yes	
	12/1/2010	td	N/A	12/31/2015	18	18	5	5	N/A	
			12/1/2013	12/1/2013	604	617	250	250	N/A	
		Not yet begun								
					560	560	250	250	No	
			N/A	01/1/2010	421	421	0	0	N/A	
			Online		80	130	23	23	N/A	
			N/A	12/1/2011	40	40	15	15	N/A	
		Construction start dates to be determined at time of PPA execution.	N/A	06/1/2014	543	543	300	300	N/A	
		Construction began in July 2009.			277	277	90	84	No	
			9 months following CPUC approval							
			N/A	01/1/2011	261	261	84	84	N/A	

Tab:

Guaranteed Construction Start date	Expected Construction Start date	Construction Status	Guaranteed COD	Actual or Expected COD	Min Energy (GWh)	Max Energy (GWh)	Min Capacity (MW)	Max Capacity (MW)	Phased?	Describe phases (MW, GWh, CODs). Specify if optional / whose option
Confidential Protection	Construction commenced in 2009.	Protected under Appendix 1 in Decision 06-06-066 and General Order 66-C	N/A	12/31/2009	281	281	98.7	98.7	N/A	
			N/A	06/1/2012	666	666	106.8	106.8	N/A	
	The start date for some discretionary early construction activities is currently scheduled for July 2010 with full	Not yet begun	12/1/2014		688	688	290	290	Yes	
	05/1/2011	Not yet begun	N/A	02/1/2013	105	105	50	50	N/A	
			N/A	06/1/2010	83	83	10	10	N/A	
	03/1/2010		N/A	06/30/2010	270	270	100.65	100.65	N/A	
	The expected construction start date is October 2010.	Not yet begun	12/31/2013	09/1/2011	556	628	230	230	Yes	
			N/A	05/1/2011	131	131	70	70	N/A	
	The expected construction start date is November 2010.		N/A	07/1/2011	83	83	33	33	N/A	
			N/A	05/1/2011	95	95	50	50	N/A	

Guaranteed Construction Start date	Expected Construction Start date	Construction Status	Guaranteed COD	Actual or Expected COD	Min Energy (GWh)	Max Energy (GWh)	Min Capacity (MW)	Max Capacity (MW)	Phased?	Describe phases (MW, GWh, CODs). Specify if optional / whose option
Confidential Prote	Q1-2014	Not yet begun	12/31/2014	12/31/2014	134.4	192	90	90	N/A	
	12/1/2010	On schedule	07/1/2015	07/1/2015	630	685	300	300	Yes	
			N/A	01/1/2010	17.5	17.5	3.75	3.75	N/A	
			N/A	12/31/2011	124	124	45	45	N/A	
			N/A	04/30/2012	33.28	33.28	4	4	N/A	
	Dec 2010	Not yet begun	N/A	06/30/2013	515	515	242	242	N/A	
			N/A	01/1/2010	13	13	5	5	N/A	
	Aug-10	Not yet begun	07/1/2012	07/1/2012	284	284	110	117	No	
	Aug-10	Not yet begun	07/1/2013	07/1/2013	516	516	200	234	No	
	Not known	Not yet begun	07/1/2014	07/1/2014	572.9	572.9	200	231	No	
	Not known	Not yet begun	07/1/2015	07/1/2015	572.9	572.9	200	231	No	
	Not known	Not yet begun	07/1/2015	07/1/2015	572.9	572.9	200	231	No	
	Not known	Not yet begun	12/1/2016	12/1/2016	572.9	572.9	200	231	No	
	Not known	Not yet begun	07/1/2017	07/1/2017	572.9	572.9	200	231	No	
	Not known	Not yet begun	07/1/2013	07/1/2013	1700	1700	200	200	No	
	Operational prior to contract execution	Complete	01/1/2011	01/1/2011	500	500	156	156	No	
	Operational prior to contract execution	Complete	01/1/2011	01/1/2011	500	500	229	229	No	
	Operational prior to contract execution	Complete	07/1/2009	07/1/2009	53	53	204.7	204.7	No	
	Operational prior to contract execution	Complete	07/1/2009	07/1/2009	75	75	200	200	No	

Guaranteed Construction Start date	Expected Construction Start date	Construction Status	Guaranteed COD	Actual or Expected COD	Min Energy (GWh)	Max Energy (GWh)	Min Capacity (MW)	Max Capacity (MW)	Phased?	Describe phases (MW, GWh, CODs). Specify if optional / whose option
Confidential Proj	02/17/2010	Not yet begun ected under Appendix 18 in Decision 06-06-066 and General Order 66-C	CPUC Approval	12/31/2010	93	108	10	48	Yes	
	Complete	Complete	Not Guaranteed	08/15/2008	N/A	N/A	0.4	0.4	No	
	Complete	Complete	Not Guaranteed	05/22/2009	N/A	N/A	0.6	0.6	No	
	Complete	Complete	Not Guaranteed	06/17/2009	N/A	N/A	0.3	0.3	No	
		On schedule	Not Guaranteed	08/1/2009	N/A	N/A	0.975	0.975	No	
	Complete	On schedule	Not Guaranteed	09/15/2009	N/A	N/A	0.5	0.5	No	
		Not yet begun	Not Guaranteed	10/1/2009	N/A	N/A	1.42	1.42	No	
		Begun - delayed	Not Guaranteed	10/1/2009	N/A	N/A	0.05	0.05	No	
		On schedule	Not Guaranteed	02/1/2010	N/A	N/A	0.75	0.75	No	
		Begun - delayed	Not Guaranteed	01/1/2010	N/A	N/A	0.05	0.05	No	
		Not yet begun	Not Guaranteed		N/A	N/A	1.5	1.5	No	
		Not yet begun	Not Guaranteed		N/A	N/A	1.5	1.5	No	
		Not yet begun	Not Guaranteed		N/A	N/A	0.8	0.8	No	
		Not yet begun	Not Guaranteed		N/A	N/A	0.525	0.525	No	
		Not yet begun	Not Guaranteed		N/A	N/A	0.535	0.535	No	
		Not yet begun	Not Guaranteed		N/A	N/A	0.815	0.815	No	
		Not yet begun	Not Guaranteed		N/A	N/A	0.88	0.88	No	
		At risk of delay	Not Guaranteed		N/A	N/A	0.52	0.52	No	
	Jun-10	Not yet begun	04/1/2008	01/1/2011	102	102	38	38	No	
		Not yet begun	06/30/2008				20	40	No	
	N/A	Complete	Online	Online	157.68	204.765	N/A	27.5	No	
		Not yet begun	06/30/2013		315	315	45	45	No	
		Complete	January 1, 2010, if necessary repairs are completed		8	8	4.8	4.8	No	
		Not yet begun	12/1/2013		617	617	250	250	No	
		Complete	Online	Online			up to 425	Yes		
		Not yet begun	01/30/2012		327.624	327.624	44	44	No	
	Aug 2011	Not yet begun	10/1/2013	10/1/2013	448	448	150	150	No	
		Complete		January 2010	100	100	70	70	No	
		Complete		January 2010	512	512	96.6	96.6	No	
		Complete		January 2010	326	326	62	62	No	

Guaranteed Construction Start date	Expected Construction Start date	Construction Status	Guaranteed COD	Actual or Expected COD	Min Energy (GWh)	Max Energy (GWh)	Min Capacity (MW)	Max Capacity (MW)	Phased?	Describe phases (MW, GWh, CODs). Specify if optional / whose option
Confidential Protected Material: Pro				Appendix 1 in Decision						
		Complete		10/1/2009	221	221	100	100	No	
		Complete		01/1/2010	1967	1967	100	100	No	
		Complete		Upon CPUC approval	40	40	7.5	7.5	No	

Guaranteed Construction Start date	Expected Construction Start date	Construction Status	Guaranteed COD	Actual or Expected COD	Min Energy (GWh)	Max Energy (GWh)	Min Capacity (MW)	Max Capacity (MW)	Phased?	Describe phases (MW, GWh, CODs). Specify if optional / whose option
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Confidential Protected Material: Protected under Appendix 1 in Decision 06-06-066 and General Order 66-C

Project Information Notes

Confidential Protected Material: Protected under Appendix 1 in Decision 06-06-066 and General Order 66-C

GCOD changed to 7/1/2012 by Letter Agreement.

Developer missed GCOD of 10/01/2008 and Parties are in process of amending and restating the PPA to extend GCOD, and eliminating COD phases.
Developer will be its own EPC contractor.
"Other technology-specific milestones" does not apply.

Project will deliver biogas.
Developer will not disclose Fuel Supply contract lengths and terms.
Per Developer, operating permits and authority to constructs are secured.

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Per Developer, operating permits and authority to constructs are secured.

Note: PG&E withdrew Advice Letter 3150-E and 3150-E-A seeking approval of the originally executed PPA. PG&E is currently under negotiations with counterparty.

Project Information Notes

Confidential Protected Material: Protected under Appendix 1 in Decision 06-06-066 and General Order 66-C

Project is partially renewable and burns biomass as well as petroleum coke. A bridging-agreement has been executed and is currently pending CPUC approval. Currently negotiating for future 100% biomass capability.

This contract is no longer under negotiation, it has been signed and is currently filed at the PUC, awaiting approval.

Note: Does not include firming and shaping agreement (filed separately on 12/1/09)

Project Information Notes

Confidential Protected Material: Protected under Appendix 1 in Decision 06-06-066 and General Order 66-C

Construction expected to start well ahead of the GCSD.

Project Information Notes

Confidential Protected Material: Protected under Appendix 1 in Decision 06-06-066 and General Order 66-C

THIS PROJECT IT IS NOT UNDER ACTIVE NEGOTIATIONS

PPA with operating facilites, no construction required.

PPA with operating facilites, no construction required.

PPA with operating facilites, no construction required.

PPA with operating facilites, no construction required.

Project Information Notes

Confidential Protected Material: Protected under Appendix 1 in Decision 06-06-066 and General Order 66-C

Project contractually has no guaranteed milestones nor is required to do any reporting.
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Project contractually has no guaranteed milestones nor is required to do any reporting.
Interconnection costs are higher than expected by seller.

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PG&E anticipates contract termination in the near future

PPA with operating facilities, no construction required so many of these cell's s/b N/A but are locked. Minimum energy is GEP level; maximum energy assumes production at maximum capacity for 8760 hours at an 85% capacity factor.

Conversion of a coal-fueled facility that is currently shut-down to a biomass fuel facility.

Conversion of a coal facility to a biomass facility.

CPUC ID	IOU ID	Project Name	Project Status	IOU Contact Person	Developer Contact	Advice Letter / Application Number/Other	Advice Letter Number(s)
PG0827		0Abengoa	Short-listed / under negotiation	Neha Patel 415-973-6095	Tandy McMannes; 510-883-1275	N/A	N/A
PG0714	33R078	Alpine Suntower, LLC (eSolar)	Pending CPUC approval	Pat Fox 415-973-1379	Jim Shandalov 626-685-1846	3481E	N/A
PG0825		0Alta Rock Energy Corral Creek Geothermal	Short-listed / under negotiation	Heather Kellman 415-973-2922	Tom Doyle 510-550-8477	N/A	N/A
AB1969	33R057AB	American Canyon Landfill	CPUC approved - on schedule	Mike Gonzales 415-973-7603	Teri Saldivar 408-499-4800	N/A	N/A
AB1969	33R055AB	Black Butte Wind	CPUC approved - on schedule	Mike Gonzales 415-973-7603	Pedro Miqueo 530-219-7375	N/A	N/A
AB1969	33R046AB	Buckeye Hydro	Online	Mike Gonzales 415-973-7603	Mark Henwood 916-955-6031	N/A	N/A
PG0711	33R052	California Valley Solar Ranch (SunPower)	CPUC approved - delayed	Elizabeth Motley 415-973-2368	Paul McMillan 310-686-1264	3318E	N/A
PG0613	33R032	CalRenew 1	CPUC approved - on schedule	Ted Maguire 415.973.0888	Bill Barnes 415-381-6910	3074E	3074EA 3074EB 3260E
PG0708	33R034	Carizzo Solar Energy Farm (Ausra)	Short-listed / under negotiation	Lynn Cerini 415-973-6737	Rob Morgan 650-353-9752	3150E	3150EA
AB1969	33R061AB	Castelanelli Bros. Biogas	Online	Mike Gonzales 415-973-7603	Larry Castelanelli 209-747-7727	N/A	N/A
PG0805		0Cleantech America Stratford	Short-listed / under negotiation	Hugh Merriam 415-973-1269	Bill Barnes 415-381-6910	N/A	N/A
AB1969	33R077AB	Combie North Powerhouse	Online	Mike Gonzales 415-973-7603	Don Wight 530-271-6881	N/A	N/A
	033R079	Copper Mountain	CPUC approved - on schedule	Mike Gonzales 415-973-7603	Leesa Nayudu (619) 696-4442	3500-E	N/A
PG0820		0Victor Solar I (previously named Cuyama Solar Project Phase 2)	Short-listed / under negotiation	Kelvin Yip 415-973-4354	Barnaby Olsen	N/A	N/A
PG0817		0EME PV-41	Negotiations terminated			N/A	N/A
PG0819		0EME PV-42	Short-listed / under negotiation	John Stephens 415-973-3136	Ed Cook/Mark Irwin 949-798-7473	N/A	N/A
PG0718		0NextEra (Genesis) - previously called FPL Genesis	Pending CPUC approval	Rich Miram 415-973-1170	Sean McBride	3546-E	N/A
PG0803		0Gibson Dam Hydro (Tollhouse)	Short-listed / under negotiation	Joe Lawlor 415-973-1569	Thom A. Fischer 360-738-9999	N/A	N/A
AB1969	33R080AB	Google M3 Cogen Plant	CPUC approved - on schedule	Mike Gonzales 415-973-7603	Pat Nielsen 650-253-8863	N/A	N/A
PG0607	33R031	Green Volts	CPUC approved - delayed	AnnMarie Roldan 415-973-5046	Eric Romo 415-963-4228	3074E	3074EB
AB1969	33R048AB	Guadalupe Mines Landfill	CPUC approved - on schedule	Mike Gonzales 415-973-7603	Teri Saldivar 408-499-4800	N/A	N/A
PG0508	33R058	Hatchet Ridge Wind, LLC	CPUC approved - on schedule	Mike Gonzales 415-973-7603	Joan Inlow 858 587 5834	3367E	3452E
PG0813		0Horizon Kittitas Valley	Short-listed / under negotiation	Jomo Thorne 415-973-3144		N/A	N/A
PG0506	33R023	IAE Truckhaven	CPUC approved - on schedule	Jessica Hilgart 415-973-1260	Steve Johnson 213-943-6546	2863E	2863EA
PG0808		0Iberdrola Star Point	Short-listed / under negotiation	Jomo Thorne 415-973-3144	Kourtney Nelson 503-796-7079	N/A	N/A
PG0806		0Invenergy Vantage Wind	Pending CPUC approval	Heather Kellman 415-973-2922	Randy Wood 312-224-1432	3525-E	N/A

Tab:

CPUC ID	IOU ID	Project Name	Project Status	IOU Contact Person	Developer Contact	Advice Letter / Application Number/Other	Advice Letter Number(s)
PG0505	33R021	Liberty V Biofuels	CPUC approved - delayed	Jessica Hilgart 415-973-1260	Peter Bloom 661-343-3691	2827E	N/A
PG0807		0Macquarie Cook (Call & Put)	Short-listed / under negotiation	Jon Forrester 415-973-4473	Andre Templeman; 713-275-6138	N/A	N/A
PG0509		0Manzana	Pending CPUC approval	Charlie Post 415-973-9286	Kourtney Nelson 503-796-7079	N/A	N/A
AB1969	33R049AB	Menlo Park Landfill	CPUC approved - on schedule	Mike Gonzales 415-973-7603	Teri Saldivar 408-499-4800	N/A	N/A
PG0702C	M-R-7014	Microgy - Fresno County re: Kerman (Bar 20) Dairies	CPUC approved - delayed	AnnMarie Roldan 415-973-5046	Michael Hvidos 914-631-1435 x21	2996E	2996EA 3132E
PG0702B	M-R-7014	Microgy - Fresno County re: Riverdale Dairies	CPUC approved - delayed	AnnMarie Roldan 415-973-5046	Michael Hvidos 914-631-1435 x21	2996E	2996EA 3132E
PG0702A	M-R-7014	Microgy - Kings County re: Hanford Dairies	CPUC approved - delayed	AnnMarie Roldan 415-973-5046	Michael Hvidos 914-631-1435 x21	2996E	2996EA 3132E
AB1969	33R040AB	Milpitas Landfill	CPUC approved - on schedule	Mike Gonzales 415-973-7603	Teri Saldivar 408-499-4800	N/A	N/A
PG0811		0Alpaugh (previously named MMA/ENCO Alpaugh)	Short-listed / under negotiation	Pat Fox 415-973-1379	Michael Moers 310-203-9960	N/A	N/A
PG0403	33R013	Montezuma Wind	CPUC approved - delayed	Lynn Cerini 415-973-6737	John Semour 561-691-7138	2655E	2992-E
PG0712	25C018EO1	Mt. Poso (Redhawk)	CPUC approved - on schedule	Kelvin Yip 415-973-4354	Michael L. Hawkins (661) 663-3155	N/A	N/A
PG0823		0Nacimiento hydro dam	Short-listed / under negotiation	Heather Kellman 415-973-2922	David Kimbrough 831-755-4861	N/A	N/A
AB1969	33R059AB	Newell Creek Dam	CPUC approved - on schedule	Mike Gonzales 415-973-7603	Ryan Ernst 831-420-5429	N/A	N/A
PG0810		0NextLight Agua Caliente	Pending CPUC approval	Sandy Burns 415-973-1627	Brian Gomes; 415-935-2516	3538-E	N/A

CPUC ID	IOU ID	Project Name	Project Status	IOU Contact Person	Developer Contact	Advice Letter / Application Number/Other	Advice Letter Number(s)
PG0816	33R073	NextLight AV Solar Ranch 1 (Antelope Valley)	Pending CPUC approval	Sandy Burns 415-973-1627	Brian Gomes; 415-935-2516	3469E	3469-E-A
PG0818		0NextLight Renewable Power - (Lost Hills & Blackwell) PV Project (previously named Cymric & Delfern)	Short-listed / under negotiation	Sandy Burns 415-973-1627		N/A	N/A
PG0821		0First Solar Desert Center (previously	Short-listed / under negotiation	Neha Patel 415-973-6095	Kim Oster; 510-441-4798	N/A	N/A
AB1969	33R044AB	Original Sixteen to One Hydro	CPUC approved - delayed	Mike Gonzales 415-973-7603	Ronald F. Ott 916-663-4801	N/A	N/A
PG0406	33R014	Pacific Renewables Generation	CPUC approved - delayed	Lynn Cerini 415-973-6737	K. Harley McDonald 858-793-5104	2655E	N/A
PG0720		0Pacificorp	Online	Rich Miram 415-973-1170	Scott Busa	N/A	N/A
AB1969	33R076AB	Parreira Almond Processing Co.	CPUC approved - on schedule	Mike Gonzales 415-973-7603	Greg Stangl 415-286-7822	N/A	N/A
PG0901A	33R070	Puget Hopkins Ridge	Pending CPUC approval	Jim Shang 415-973-6759		3457E	N/A
PG0901B	33R070	Puget Wildhorse	Pending CPUC approval	Jim Shang 415-973-6759		3457E	N/A
PG0715		0Radiant Energy No.1	Short-listed / under negotiation			N/A	N/A
PG0812		0Raser Olene Geothermal 1	Short-listed / under negotiation	Rich Miram 415-973-1170	Sean McBride	N/A	N/A

CPUC ID	IOU ID	Project Name	Project Status	IOU Contact Person	Developer Contact	Advice Letter / Application Number/Other	Advice Letter Number(s)
PG0705	33R042 33R043	San Joaquin Solar 1&2 (Bethel, Eviva)	CPUC approved - delayed	Elizabeth Motley 415-973-2368	Kent Larson 858-947-7056	3280E	N/A
PG0809		0San Joaquin Solar 3 & 4	Short-listed / under negotiation	Rich Miram 415-973-1170		N/A	N/A
AB1969	33R050AB	Santa Cruz Landfill	CPUC approved - on schedule	Mike Gonzales 415-973-7603	Teri Saldivar 408-499-4800	N/A	N/A
AB1969	33R053AB	Santa Maria II	CPUC approved - on schedule	Mike Gonzales 415-973-7603	Alan Janecek	N/A	N/A
PG0511		0SES Solar III, LLC	Short-listed / under negotiation	Rich Miram 415-973-1170	Felicia Bellows	N/A	N/A
AB1969	33R041AB	Shastaview	CPUC approved - delayed	Mike Gonzales 415-973-7603	Robert A. Rehberg 530-244-2525	N/A	N/A
PG0903	33R072	Shell Energy Big Horn	Pending CPUC approval	Jim Shang 415-973-6759		3477E	N/A
PG0902	33R071	Shell Energy White Creek	Pending CPUC approval	Jim Shang 415-973-6759		3477E	N/A
PG0826		0Solar Millenium Blythe Solar Plant	Short-listed / under negotiation	Uday Mathur 415-973-2784	Joseph Eichhammer 510-524-4517/Richard Becker 707 968-9047	N/A	N/A
PG0801	33R062	Solaren	Pending CPUC approval	Laura Miller 415-973-8123		3449E	N/A
PG0614A	33R063	SolarPartners II (BrightSource I)	Pending CPUC approval	Lynn Cerini 415-973-6737	Andy Taylor; 510-250-8151	3458E	N/A
PG0614D	33R064	SolarPartners VIII (BrightSource II)	Pending CPUC approval	Lynn Cerini 415-973-6737	Andy Taylor; 510-250-8151	3458E	N/A
PG0614B	33R065	SolarPartners XII (BrightSource III)	Pending CPUC approval	Lynn Cerini 415-973-6737	Andy Taylor; 510-250-8151	3459E	N/A
PG0614E	33R066	SolarPartners XIV (BrightSource IV)	Pending CPUC approval	Lynn Cerini 415-973-6737	Andy Taylor; 510-250-8151	3459E	N/A
PG0614C	33R067	SolarPartners XV (BrightSource V)	Pending CPUC approval	Lynn Cerini 415-973-6737	Andy Taylor; 510-250-8151	3459E	N/A
PG0614F	33R068	SolarPartners XXII (BrightSource VI)	Pending CPUC approval	Lynn Cerini 415-973-6737	Andy Taylor; 510-250-8151	3459E	N/A
PG0614G	33R069	SolarPartners XXIII (BrightSource VII)	Pending CPUC approval	Lynn Cerini 415-973-6737	Andy Taylor; 510-250-8151	3459E	N/A
PG0510	33R025	Solel	CPUC approved - delayed	Lynn Cerini 415-973-6737	Kevin Swartz 760-696-2966	3092E	3092EA
PG0717		0Solucar Inc.(Abengoa)	Short-listed / under negotiation	Neha Patel 415-973-6095	Tandy McMannes; 510-883-1275	N/A	N/A
PG0721	12N092	South Feather	Pending CPUC approval	Ted Maguire 415.973.0888		A.09-XX-XXX	N/A
PG0824		0Sunpower Carissa 2	Short-listed / under negotiation	Rich Miram 415-973-1170	Paul McMillan 310-686-1624	N/A	N/A
PG0707	33R046	Topaz Solar Farms, LLC (OptiSolar)	CPUC approved - delayed	Mike Gonzales 415-973-7603	Kathryn Arbeit 510-401-5817	3318E	3514E
Page 4 of 12							
AB1969	33R047AB	Tunnel Hill Hydro	Online	Mike Gonzales 415-973-7603	Mark Henwood 916-955-6031	N/A	N/A

Tab:

CPUC ID	IOU ID	Project Name	Project Status	IOU Contact Person	Developer Contact	Advice Letter / Application Number/Other	Advice Letter Number(s)
AB1969	33R051AB	Visalia Landfill	CPUC approved - on schedule	Mike Gonzales 415-973-7603	Teri Saldivar 408-499-4800	N/A	N/A
PG0709		0Western Renewable Power - Truckee Geothermal (combined)	Short-listed / under negotiation	Rich Miram 415-973-1170	Sean McBride	N/A	N/A
PG0706		0World Waste Tech. Gonzales	Short-listed / under negotiation	Charlie Post 415-973-9286	Tommy Greer 713-356-2436	N/A	N/A
		Woodland Biomass	Online	Chad Curran 415-973-6105		3474-E	N/A
	0						
		0POSDEF	Pending CPUC approval	Joe Lawlor 415-973-1569		3577-E	N/A
		Big Creek	Pending CPUC approval	Kelvin Yip 415-973-4354		3575-E	N/A
		Abengoa	Pending CPUC approval	Neha Patel 415-973-6095		3547-E	N/A
		Geyers	Pending CPUC approval	Gary Jeung 415-973-5481		3544-E	N/A
		Mt. Poso (Redhawk)	Pending CPUC approval	Kelvin Yip 415-973-4354		3529-E	N/A
		Solar Reserve (Rice)	Pending CPUC approval	Uday Mathur 415-973-2784		3581-E	N/A
		Shell (Big Horn)	Pending CPUC approval	Charlie Post 415-973-9286		3583-E	N/A
		Shell (Wheat Field)	Pending CPUC approval	Charlie Post 415-973-9286		3583-E	N/A
		Shell (Combine Hills II)	Pending CPUC approval	Charlie Post 415-973-9286		3583-E	N/A
		PacifiCorp Q4 2009	CPUC approved - on schedule	Rich Miram 415-973-1170		3526-E	N/A
		PacifiCorp 2010-2012	CPUC approved - on schedule	Rich Miram 415-973-1170		3527-E	N/A
		Big Valley	Pending CPUC approval	Joe Lawlor 415-973-1569		3488-E	3541-E

Amendments		Not filed		Cost				
Filed with CPUC	Description of anticipated amendments	Description of minor amendments - no filing requirement	Proposed Price (\$/MWh)	Contract Price (\$/MWh)	Applicable MPR (\$/MWh)	Eligible for Above Market Funds?	Min Above Market Costs (\$/MWh)	Max Above Market Costs (\$/MWh)
N/A		{Redacted}	\$239.94	{Redacted}				
N/A				{Redacted}				
N/A			\$141.65					
N/A			N/A					
N/A			N/A					
N/A			N/A					
N/A								
	3074EA (filed 10-9-2007) changes the location of the project and 3074EB (filed 11-29-2007) makes the agreement conform with non-modifiable standard terms and conditions. 3260E was filed 4/30/2008 to extend the commercial operation date and certain milestones by one year							
	3150EA makes the agreement conform with non-modifiable standard terms and conditions		\$198.89					
N/A			N/A					
N/A			\$144.14					
N/A			N/A					
N/A								
N/A			\$146.66					
N/A								
N/A			\$152.00					
N/A								
N/A								
N/A			\$115.02					
N/A			N/A					
	3074EB filed 11/29/07 to amend contract to conform with "may not be modified" terms.	Amended Restated PPA to extend GCOD.						
N/A			N/A					
	3452E filed 4/27/2009 to extend the commercial operation date and other project milestones by one year.							
N/A			\$89.75					
	2863EA filed 11/30/06 to amend contract to conform with "may not be modified" terms.	IAE Truckhaven has notified PG&E that a price increase is needed.						
N/A								
			\$83.34					
N/A			\$83.59					

Description of amendments	Not filed		Cost					
	Description of anticipated amendments	Description of minor amendments - no filing requirement	Proposed Price (\$/MWh)	Contract Price (\$/MWh)	Applicable MPR (\$/MWh)	Eligible for Above Market Funds?	Min Above Market Costs (\$/MWh)	Max Above Market Costs (\$/MWh)
N/A	Liberty V Biofuels had notified PG&E that a price increase is needed.							
N/A			\$135.00					
N/A								
N/A			N/A					
2996-E-A, filed 7/12/2007, amends terms/conditions related to the CEC certification. 3132-E was filed 10/9/07 to take delivery from an existing facility of a portion of the biogas included in the original Contract as early as 1/108; allow delivery of this biogas at the interconnection point with PG&E Topock								
2996-E-A, filed 7/12/2007, amends terms/conditions related to the CEC certification. 3132-E was filed 10/9/07 to take delivery from an existing facility of a portion of the biogas included in the original Contract as early as 1/108; allow delivery of this biogas at the interconnection point with PG&E Topock;								
2996-E-A, filed 7/12/2007, amends terms/conditions related to the CEC certification. 3132-E was filed 10/9/07 to take delivery from an existing facility of a portion of the biogas included in the original Contract as early as 1/108; allow delivery of this biogas at the interconnection point with PG&E Topock								
N/A	N/A		N/A					
N/A			\$165.01					
2992-E filed 2/23/07 to: increase contract price; ensure the PPA conforms with all non-negotiable contract terms/conditions; and modify certain confidential contract terms. Note that this Amendment was withdrawn due to ongoing airforce base radar issues.	New contract will be needed as all the milestones have been missed as the radar issues continue to be resolved.							
N/A								
N/A								
N/A			N/A					
N/A			\$121.50					

Description of amendments	Not filed		Cost					
	Description of anticipated amendments	Description of minor amendments - no filing requirement	Proposed Price (\$/MWh)	Contract Price (\$/MWh)	Applicable MPR (\$/MWh)	Eligible for Above Market Funds?	Min Above Market Costs (\$/MWh)	Max Above Market Costs (\$/MWh)
3469-E-A requests that the resolution approving AL 3469-E incorporate the findings proposed in the advice letter and the following findings, given the CAISO Phase 1 Study: 1) The Transmission Upgrade Cost Estimate required by the PPA has been prepared and exceeds the \$70,000,000 "cap"; 2) It is reasonable for PG&E to accept the increase in Contract Price associated with the Transmission Upgrade Cost Estimate pursuant to Paragraph 4.1 subsection (b) of the PPA; 3) Costs incurred by PG&E pursuant to its acceptance of the increase in Contract Price in accordance with Section 4.1 "Contract Price and Adjustments", subsection (b) "Contract Price Adjustment for Transmission Upgrade Costs" are reasonable and shall be recovered in rates.								
N/A				\$174.38				
N/A				\$148.55				
N/A				N/A				
N/A	New contract and price update will be needed as the milestones have been missed.							
N/A								
N/A				N/A				
N/A								
N/A								
N/A								
N/A								
N/A								
N/A								
N/A								
N/A								
N/A								
N/A								
N/A				\$115.73				

Description of amendments	Not filed		Cost					
	Description of anticipated amendments	Description of minor amendments - no filing requirement	Proposed Price (\$/MWh)	Contract Price (\$/MWh)	Applicable MPR (\$/MWh)	Eligible for Above Market Funds?	Min Above Market Costs (\$/MWh)	Max Above Market Costs (\$/MWh)
N/A	Price increase and extension in milestones.							
N/A			\$121.23					
N/A			N/A					
N/A			N/A					
N/A			N/A					
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3092EA is a supplemental filing that submits the confidential and public versions of the IE report	Renegotiations in process regarding price and site.							
N/A			\$200.00					
N/A								
N/A			\$151.41					
Price increase and extension in milestones.								
N/A			N/A					

Description of amendments	Not filed		Cost					
	Description of anticipated amendments	Description of minor amendments - no filing requirement	Proposed Price (\$/MWh)	Contract Price (\$/MWh)	Applicable MPR (\$/MWh)	Eligible for Above Market Funds?	Min Above Market Costs (\$/MWh)	Max Above Market Costs (\$/MWh)
N/A			N/A					
N/A			\$116.29					
N/A			\$93.37					
N/A			N/A					
N/A			N/A					
N/A			\$113.90					
N/A			\$138.90					
N/A			\$121.47					
N/A			\$118.61					
N/A			\$137.47					
N/A			\$94.00					
N/A			\$90.00					
N/A			\$90.00					
N/A			\$83.90					
N/A			\$97.70					
Res. E-4275 found that the conveyance to PG&E of RECS associated with generation used by Big Valley constitutes an "unbundled REC" transaction. Since PG&E is currently not authorized to use unbundled RECs for RPS compliance, the CPUC approval granted in Res. E-4172 is conditional on PG&E and Big Valley amending the PPA to prevent the PPA from conveying unbundled RECs. The amended PPA revises the original PPA so that it is consistent with Commission direction in Res. E-4275 by changing the terms and wording to: 1) Specify that only Green Attributes associated with generation delivered to PG&E are conveyed under the amended PPA; 2) Not convey Green Attributes associated with energy used for station or sawmill purposes to PG&E; and 3) Allow PG&E to monitor total RECs produced to ensure the plant meets its guarantees under the contract.				\$101.84	\$111.26	No		(\$9.42)

Min Total Amount of Above Market Costs (\$)	Max Total Amount of Above Market Costs (\$)	Green Attribute Price if applicable (\$/MWh)	Procedural Information Notes
			<p>On June 29, 2009, Solel notified PG&E by letter that it was exercising its option to extend its GCSD and GCOD by one year, and all other outstanding milestones by one year. As a result, the GCOD has been updated to 1/1/2012, and the AMF calculations included in this report have also been updated accordingly. A copy of the notification from Solel and the updated AMF calculator has been included as an attachment to this report.</p>
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Tab:

=online / n/a			Interconnection						Early Interconnection Needed/Possible? If yes, describe.
PGUC ID	IOU ID	Project Name	Queue (CAISO, IID, BPA, etc.)	Queue Position / CAISO Cluster	Feasibility Study	System Impact Study / Phase I Study	Facility Study / Phase II Study	Preferred Point of Interconnection (line/substation, etc.)	Early Interconnection Needed/Possible? If yes, describe.
PG0406	33R014	Pacific Renewables Generation	CAISO (PG&E)	16	Complete	Complete	Complete	Tap No. 2 Cabrillo - Divide 115 kV	n/a
PG0505	33R021	Liberty V Biofuels	CAISO (PG&E)	111	n/a	Complete	Complete	Tap on Chevron-Lost Hills Tap 70 kV Trx Line about 3 miles S of Twisselman Sub on Hollaway Rd.	no
PG0506	33R023	IAE Truckhaven	CAISO (IID)	9	Not started	In progress	Not started	Alternative 1: IID's Avenue 58 - Westmorland 92 kV line at the RTAP1-6 92 kV bus. Alternative 2: IID's Avenue 58-Bannister 161 kV line at the electrical midpoint of the line.	no
PG0508	33R058	Hatchet Ridge Wind, LLC	CAISO (PG&E)	74 / Serial Group	Complete	Complete	Complete	Pit River #3 - Round Mountain 230 kV line	n/a
PG0509	0	Manzana	CAISO (SCE)	20; first at SCE Antelope	Complete	Complete	In progress	Whirlwind Substation (part of TRTP)	No - Early interconnection request was withdrawn by developer
PG0510	33R025	Solel	CAISO (SCE)	278	n/a	In progress	Not started	IC requested Pisgah 230 kV; SCE has proposed new substation in area	no
PG0511	0	SES Solar III, LLC	CAISO (PG&E)	Serial Group	Complete	Complete			No
PG0607	33R031	Green Volts	PG&E Distribution	208	Waived	Complete	Complete	12.5kV PGE Line adjacent to project site	Interconnection Completed
PG0613	33R032	CalRenew 1	CAISO (PG&E)	261A / Serial Group	n/a	complete	Waived	Tap Mondota-San Joaquin-Helm 70kV Line at Mendota Biomass Substation	No
PG0702A	M-R-7014	Microgy - Kings County re: Hanford Dairies							
PG0702B	M-R-7014	Microgy - Fresno County re: Riverdale Dairies							
PG0702C	M-R-7014	Microgy - Fresno County re: Kerman (Bar 20) Dairies							
PG0705	33R042 33R043	San Joaquin Solar 1&2 (Bethel, Eviva)	CAISO (PG&E)	283 / Transition cluster	n/a	In progress	Not started	Gates substation 230kV	No
PG0706	0	World Waste Tech. Gonzales							
PG0707	33R046	Topaz Solar Farms, LLC (OptiSolar)	CAISO (PG&E)	166 / Serial Cluster 194 / Serial Cluster 242 / Transition cluster	In progress	In progress	In progress	Morro Bay-Midway 230kV line Nos. 1 and 2	no
PG0708	33R034	Carizzo Solar Energy Farm (Ausra)	CAISO (PG&E)	194 / Serial Group	complete	complete	Tendered	Morro Bay-Midway 230kV line Nos. 1 and 2	no
PG0709	0	Western Renewable Power - Truckee Geothermal (combined)	Nevada	NA	N/A	N/A		Delivery Point - COB	
PG0711	33R052	California Valley Solar Ranch (SunPower)	CAISO (PG&E)	239 / CAISO Transition cluster	complete	In progress		Morro Bay-Midway 230kV line Nos. 1 and 2	no
PG0712	25C018EO 1	Mt. Poso (Redhawk)							

CPUC ID	IOU ID	Project Name	Queue (CAISO, IID, BPA, etc.)	Queue Position / CAISO Cluster	Feasibility Study	System Impact Study / Phase I Study	Facility Study / Phase II Study	Preferred Point of Interconnection (line/substation, etc.)	Early Interconnection Needed/Possible? If yes, describe.
PG0714	33R078	Alpine Suntower, LLC (eSolar)	CAISO (SCE)	297	n/a	In progress	Not started	Neenach Substation	
PG0715	0	Radiant Energy No.1							
PG0717	0	Solucar Inc.(Abengoa)	CAISO (PG&E)						
PG0718	0	NextEra (Genesis) - previously called FPL Genesis		#194 - CAISO Transition cluster	Complete	complete	In progress	Palo Verde - Devers #1 500 kV transmission line at new "Colorado River" substation to be located 12 miles from Project.	Early interconnection possible if temporary SPS is implemented?
PG0720	0	Pacificorp	N/A						
PG0721	12N092	South Feather							
PG0803	0	Gibson Dam Hydro (Tollhouse)							
PG0805	0	Cleantech America Stratford							
PG0806	0	Invenergy Vantage Wind	Pugent Sound Control Area	n/a	n/a	n/a	n/a	Line	
PG0807	0	Macquarie Cook (Call & Put)							
PG0808	0	Iberdrola Star Point							
PG0809	0	San Joaquin Solar 3 & 4							
PG0810	0	NextLight Agua Caliente	Arizona APS and CAISO	APS - #43; CAISO Transition cluster - #468				New APS Q43 switchyard on property, connecting to Hassayampa-North Gila section of the Palo Verde North Gila - Imperial Valley 500kV transmission line	No

=online / n/a		Interconnection							Early Interconnection Needed/Possible? If yes, describe.
CPUC ID	IOU ID	Project Name	Queue (CAISO, IID, BPA, etc.)	Queue Position / CAISO Cluster	Feasibility Study	System Impact Study / Phase I Study	Facility Study / Phase II Study	Preferred Point of Interconnection (line/substation, etc.)	
PG0811	0	Alpaugh (previously named MMA/ENCO Alpaugh)	CAISO (PG&E)	304 / CAISO Transition cluster	n/a	In progress		Smyrna-Alpaugh 115kV line	no
PG0812	0	Raser Olene Geothermal 1							
PG0813	0	Horizon Kittitas Valley							
PG0816	33R073	NextLight AV Solar Ranch 1 (Antelope Valley)	CAISO (SCE)	412	n/a	In progress	Not started	Whirlwind Substation (part of TRTP)	
PG0817	0	EME PV-41							
PG0818	0	NextLight Renewable Power - (Lost Hills & Blackwell) PV Project (previously named Cymric & Delfern)	PG&E Distribution		Waived	In progress		Temblor Substation 12 kV Distribution	no
PG0819	0	EME PV-42	CAISO (PG&E)	Q356/CAISO Transition cluster	n/a	In progress		Taft - Cuyama 70 kV Line	no
PG0820	0	Victor Solar I (previously named Cuyama Solar Project Phase 2)	CAISO (SCE)						
PG0821	0	First Solar Desert Center (previously named Optisolar Desert Sunlight)							
PG0823	0	Nacimiento hydro dam							
PG0824	0	Sunpower Carissa 2	CAISO (SCE)						Early interconnection possible for initial phases of project capacity
PG0825	0	Alta Rock Energy Corral Creek Geothermal							
PG0826	0	Solar Millenium Blythe Solar Plant							

=online / n/a			Interconnection						
CPUC ID	IOU ID	Project Name	Queue (CAISO, IID, BPA, etc.)	Queue Position / CAISO Cluster	Feasibility Study	System Impact Study / Phase I Study	Facility Study / Phase II Study	Preferred Point of Interconnection (line/substation, etc.)	Early Interconnection Needed/Possible? If yes, describe.
PG0827	0	Abengoa	CAISO (SCE)	162;233;165 / Serial Group	Complete	Complete	In progress	Ivanpah and Pisgah Substations	Early interconnection of first Ivanpah project is possible if temporary SPS is implemented.
PG0614A	33R063	SolarPartners II (BrightSource I)	CAISO (SCE)	162	Waived	Complete	In progress	Planned Ivanpah 230 kV	
PG0614D	33R064	SolarPartners VIII (BrightSource II)	CAISO (SCE)	233	Waived	Complete	In progress	Planned Ivanpah 230 kV	
PG0614B	33R065	SolarPartners XII (BrightSource III)	Nevada Energy						
PG0614E	33R066	SolarPartners XIV (BrightSource IV)	Nevada Energy						
PG0614C	33R067	SolarPartners XV (BrightSource V)	CAISO (SCE)	166	Waived	Complete	In progress	Pisgah 230 kV	
PG0614F	33R068	SolarPartners XXII (BrightSource VI)	CAISO (SCE)	166	Waived	Complete	In progress	Pisgah 230 kV	
PG0614G	33R069	SolarPartners XXIII (BrightSource VII)	CAISO (SCE)	240	Waived	Complete	In progress	Pisgah 230 kV	
PG0801	33R062	Solaren	CAISO (PG&E)						
PG0901A	33R070	Puget Hopkins Ridge							
PG0901B	33R070	Puget Wildhorse							
PG0902	33R071	Shell Energy White Creek							
PG0903	33R072	Shell Energy Big Horn							
0	33R079	Copper Mountain	Nevada Energy	205	Complete	Complete	Complete	NVE Merchant 230 kV Switchyard	
AB1969	33R046AB	Buckeye Hydro	CAISO (PG&E)	SGIP, no queue position					
AB1969	33R047AB	Tunnel Hill Hydro	CAISO (PG&E)	SGIP, no queue position					
AB1969	33R061AB	Castelanelli Bros. Biogas	CAISO (PG&E)	SGIP, no queue position					
AB1969	33R080AB	Google M3 Cogen Plant	CAISO (PG&E)	SGIP, no queue position					
AB1969	33R077AB	Combie North Powerhouse	CAISO (PG&E)	SGIP, no queue position					
AB1969	33R053AB	Santa Maria II	CAISO (PG&E)	SGIP, no queue position					
AB1969	33R059AB	Newell Creek Dam	CAISO (PG&E)	SGIP, no queue position					
AB1969	33R076AB	Parreira Almond Processing Co.	CAISO (PG&E)	SGIP, no queue position					
AB1969	33R044AB	Original Sixteen to One Hydro	CAISO (PG&E)	SGIP, no queue position					
AB1969	33R055AB	Black Butte Wind	CAISO (PG&E)	SGIP, no queue position					
AB1969	33R040AB	Milpitas Landfill	CAISO (PG&E)	SGIP, no queue position					
AB1969	33R057AB	American Canyon Landfill	CAISO (PG&E)	SGIP, no queue position	Page 4 of 27				
AB1969	33R049AB	Menlo Park Landfill	CAISO (PG&E)	SGIP, no queue position					

=online / n/a			Interconnection						
CPUC ID	IOU ID	Project Name	Queue (CAISO, IID, BPA, etc.)	Queue Position / CAISO Cluster	Feasibility Study	System Impact Study / Phase I / Phase II Study		Preferred Point of Interconnection (line/substation, etc.)	Early Interconnection Needed/Possible? If yes, describe.
						Phase I	Phase II		
AB1969	33R048AB	Guadalupe Mines Landfill	CAISO (PG&E)	SGIP, no queue position					
AB1969	33R051AB	Visalia Landfill	CAISO (PG&E)	SGIP, no queue position					
AB1969	33R050AB	Santa Cruz Landfill	CAISO (PG&E)	SGIP, no queue position					
AB1969	33R041AB	Shastaview							
PG0403	33R013	Montezuma Wind	CAISO (PG&E)	22	n/a	Complete	Complete	Tap on High Winds - Birds Landing Switching Station 230 kV Line	no
0	0	POSDEF	CAISO (PG&E)	n/a	n/a	n/a	n/a	Site is already interconnected at the Stockton Station "A" substation via PG&E's Weber #1 60kV line	n/a
0	0	Big Creek	CAISO (PG&E)	n/a	n/a	n/a	n/a	Site is already interconnected to #31554_GrouCrk 60.0kV-GU1 to Cedar Flat	n/a
0	0	Abengoa	CAISO (PG&E)	125	Complete	Complete	In progress	PNode assigned by CAISO at the new "Hinkley" substation located on the Kramer-CoolWater 230kV transmission line.	
0	0	Geyers	CAISO (PG&E)	n/a	n/a	n/a	n/a	Fluton, Lakeville, Eagle Rock Substations (site is already interconnected)	n/a
0	0	Mt. Poso (Redhawk)	CAISO (PG&E)	n/a	n/a	n/a	n/a	Site is already connected to PG&E's Ultra Power (Ogle) 115kV Tap, which is connected to the Lerdo-Famoso 115kV line.	n/a
0	0	Solar Reserve (Rice)	CAISO (SCE)	#431 - CAISO Phase 2 Transition cluster				PNode assigned by CAISO at the new "Colorado River" substation located on the new Devers - Palo Verde 2 transmission line.	
0	0	Shell (Big Horn)	BPA Control Area	n/a	Complete	Complete	Complete		
0	0	Shell (Wheat Field)	BPA Control Area	n/a	n/a	n/a	n/a		
0	0	Shell (Combine Hills II)	BPA Control Area	n/a	n/a	n/a	n/a		
0	0	PacifiCorp Q4 2009	PacifiCorp Control Area	n/a	n/a	n/a	n/a		
0	0	PacifiCorp 2010-2012	PacifiCorp and BPA Control Areas	n/a	n/a	n/a	n/a		
0	0	Big Valley	CAISO (PG&E)	n/a	n/a	n/a	n/a	McArthur substation	
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CPUC ID	IOU ID	Project Name	Queue (CAISO, IID, BPA, etc.)	Queue Position / CAISO Cluster	Feasibility Study	System Impact Study / Phase		Preferred Point of Interconnection (line/substation, etc.)	Early Interconnection Needed/Possible? If yes, describe.
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Status of Interconnection Agreement	Expected execution date of Interconnection Agreement	Status of planning for interconnection facilities and related upgrades	Describe any transmission planning process issues	Upgrade name, if applicable, and location
Signed	Not Applicable (already executed)	Completed	None	1) Install 2 SPS 2) Direct Transfer Trip Installation 3) Reconductor Divide-Cabrillo #2 115kV Line
Under Negotiation	3/1/2013 - 90 days prior to guaranteed completion of project.	On going		The Preliminary Protection Requirements for the Project include installing a Direct Transfer Trip scheme at Arco Substation. Protection upgrades and relay setting changes will also be required at Arco Substation.
Not started	07/1/2011	Will be submitting an interconnection request as part of a cluster queue window in the period of March-June 2010.		tbd
Signed	12/19/2007, amended 9/24/2009	Completed	Performing Amended Interconnection Study (New machine report due July 09	1) Construct a loop line 2) Install 2 SPSs
Under Negotiation	Spring 2010			ATP (seg 1) ATP (seg 2 & 3) TRTP (seg 4-11)
Not started	TBD			tbd, much of this information will not be known until Transition Cluster Studies are complete
		Sunrise Transmission line		Sunrise Transmission Line
Signed	09/22/2008	Completed	None	None
Signed	10/14/2008	Project Kickoff 7/15/2009	None	1) Install 2 SPS 2) Direct Transfer Trip Installation
Signed	2007			
Signed	2007			
Signed	2007			
Not started	2011	On going	GIPR Group 2 Projects	
Signed	166 Signed 8/19/2009 194 Signed 10/30/2009 242 Expected 12/31/2010		GIPR Group 2 Projects	
		First 10 MW do not rely on upgrades; additional 20 MW rely on upgrades		unknown at this time for additional 20 MWs
Under Negotiation	2010		GIPR Group 2 Projects	Carrizo Solar Farm II

Status of Interconnection Agreement	Expected execution date of Interconnection Agreement	Status of planning for interconnection facilities and related upgrades	Describe any transmission planning process issues	Upgrade name, if applicable, and location
<p>A Phase I study report was issued by the CAISO on July 24, 2009. Phase I study deposits in the amount of \$1,493,530 were posted on December 4, 2009 and the Phase II study commenced shortly thereafter. We requested an accelerated study process pursuant to the CAISO tariff; however, it is unclear if CAISO agrees we qualify for the accelerated program due to other projects in the same queue cluster. The Phase II study report is forecast to be complete by September 30, 2010, per CAISO's normal study process.</p>	<p>Assuming the above normal CAISO Phase II study process, the LGIA would be executed 90 days after the Phase II report, or by approximately December 31, 2010.</p>			<p>tbd, much of this information will not be known until Transition Cluster Studies are complete</p>
<p>In Negotiation</p>	<p>Feb-10 Jan-11</p>			<p>Palo Verde 2 500 kV</p>
<p>Signed</p>	<p>Agreement with Puget was signed on June 24th, 2009. Grant County Use of Facilities Agreement was signed July 15, 2009.</p>			
<p>Signed</p>	<p>Agreement with Puget was signed on June 24th, 2009. Grant County Use of Facilities Agreement was signed July 15, 2009.</p>			
<p>The LGIA is executed with BPA.</p>	<p>The LGIA was executed in 2009.</p>			
<p>NextLight is in active negotiations for a joint LGIA with Arizona Public Service, the CAISO, Imperial Irrigation District, and SDG&E. The parties are exchanging draft documents.</p>	<p>NextLight expects to execute the LGIA in March 2010 assuming that the CAISO Phase 2 study is complete by that date.</p>		<p>Page 12 of 27</p>	

Status of Interconnection Agreement	Expected execution date of Interconnection Agreement	Status of planning for interconnection facilities and related upgrades	Describe any transmission planning process issues	Upgrade name, if applicable, and location
			GIPR Group 2 Projects	Alpaugh PV Solar Generating Facility
Signed	It is already executed.			
The project is in the CAISO Transition Group of interconnection requests. NextLight is in discussions with SCE to expedite the process to allow an LGIA to be signed in mid-summer 2010, possibly prior to completion of the Phase 2 study.	NextLight expects to execute the LGIA by mid-summer 2010.			tbd, much of this information will not be known until Transition Cluster Studies are complete
The Lost Hills project has completed a System Impact Study under the CAISO Small Generator Interconnection Process, and is about to begin a Facilities Study. The Blackwell project has initiated a Facilities Study under PG&E's Small Generator Interconnection Process.	NextLight expects to execute the SGIA in the second quarter of 2010.			
			GIPR Group 2 Projects	
Axio applied to interconnect the project through Southern California Edison's (SCE) Wholesale Distribution Access CLGIP process in July of 2009. The Phase I study is currently underway and results of that study are expected in April of 2010.	Based upon SCE's cluster study process timeline, Axio expects to sign an interconnect agreement with SCE in Q1-2012.			
In Negotiation	Feb-10			
Under Negotiation	Interconnection agreement should be executed within 120 days of 1/8/2010			
				Morro Bay - Midway 230 kV reconductoring
			Page 13 of 27	network upgrades addressed by queued-ahead projects.
Not started	Mid 2010			

Status of Interconnection Agreement	Expected execution date of Interconnection Agreement	Status of planning for interconnection facilities and related upgrades	Describe any transmission planning process issues	Upgrade name, if applicable, and location
Under Negotiation	Jan-10	Currently completing the Amended Interconnection Study to evaluate the replacement of the originally proposed turbines with two alternative wind turbine generators.		South of Birds Landing 230 kV Reconductoring
n/a	n/a			
n/a	n/a			
n/a	n/a			
n/a	n/a			
Not started	6/1/2011 estimated			
n/a	n/a			
n/a	n/a			
n/a	n/a			
n/a	n/a			
n/a	n/a			
Needs a CAISO Small Generator Interconnection Agreement	n/a			

Status of Interconnection Agreement	Expected execution date of Interconnection Agreement	Status of planning for interconnection facilities and related upgrades	Describe any transmission planning process issues	Upgrade name, if applicable, and location
Under Negotiation	3/1/2013 - 90 days prior to guaranteed completion of project.	On going	None	The Preliminary Protection Requirements for the Project include installing a Direct Transfer Trip scheme at Arco Substation. Protection upgrades and relay setting changes will also be required at Arco Substation.
Signed	Not Applicable (already executed)			

Network Upgrade(s) Required

Network upgrade type	Length (miles)	Voltage (kV)	CPUC application required?	CPUC application number	CPUC application filing date	If CPUC application required but not filed, provide explanation and expected filing date	Estimated completion date for upgrades
Reconductor	9.1	230 115					
tbd	n/a	n/a	No				tbd
tbd	tbd	tbd	No				tbd
Loop line	1500	230	No				10/10/2009
varies	varies	varies	Yes - CPCN	A.04-12-007 A.04-12-008 A.07-06-031	12/9/2004 12/9/2004 6/29/2007		12/31/2009 12/31/2009 TBD
			anticipated yes			tbd	tbd
			Yes - CPCN				
SPS		115kV					
	unknown	unknown	no				

Network upgrade type	Length (miles)	Voltage (kV)	CPUC application required?	CPUC application number	CPUC application filing date	If CPUC application required but not filed, provide explanation and expected filing date	Estimated completion date for upgrades
						tbd	tbd
			Yes - CPCN			approval pending	

Network upgrade type	Length (miles)	Voltage (kV)	CPUC application required?	CPUC application number	CPUC application filing date	If CPUC application required but not filed, provide explanation and expected filing date	Estimated completion date for upgrades
						tbd	tbd
	80	230	Yes - CPCN	Not yet filed			

Network upgrade type	Length (miles)	Voltage (kV)	CPUC application required?	CPUC application number	CPUC application filing date	If CPUC application required but not filed, provide explanation and expected filing date	Estimated completion date for upgrades
	36	230	Yes - CPCN	Not yet filed		SCE is working with CAISO and CPUC to determine when CPCN will be filed.	First quarter - 2012
substation and transmission	36	230/115	Yes - CPCN	A.09-05-027	05/28/2009		tbd
substation and transmission	36	230/115	Yes - CPCN	A.09-05-027	05/28/2009		tbd
substation and transmission	tbd	tbd	anticipated yes			tbd	tbd
substation and transmission	tbd	tbd	anticipated yes			tbd	tbd
substation and transmission	tbd	tbd	anticipated yes			tbd	tbd
New substation		230	No				09/16/2009

Transmission Notes

(fka Lompoc Wind Power Project) \Project on hold due to Santa Barbara County permitting issue and may be reducing project size

Interconnection Agreement is final, but will not be signed until 90 days prior to commencement of commercial operations. Reflect as Under Negotiation since it is not signed.

(aka Liberty V Lost Hills) CPUC Application not required because network upgrades are limited to the substation.

PG&E's cost of transmitting energy from the Delivery Point to Northern California will be lessened by the construction of the Sunrise Powerlink Greenpath project(s). However, that project is not a pre-requisite for IAE Truckhaven to begin delivering power.

Construction - on going

Anticipated CPUC decision on A.07-06-031 in 4th quarter 2009

Transition Cluster Phase I study in progress

Developer has withdrawn CAISO queue application, as project interconnected at distribution level.

Developer executed a gas interconnection agreement with PG&E.

Developer executed a gas interconnection agreement with SoCal Gas sometime during Q3-Q4 2008.

Developer executed a gas interconnection agreement with PG&E

Developer executed a gas interconnection agreement with PG&E

(aka Bethel 7 & 8 Solar Thermal Hybrid Project) In transition cluster. CAISO and PG&E have started GIPR transition group studies.

Queue position 242 (aka Desert Topaz PV 2) in transition cluster. CAISO and PG&E have started GIPR transition group studies.

(aka Carrizo Plain Solar) The final Facilities Study to be issued and LGIA expected to be executed in March 2009.

additional potential upgrades involve BPA system

(aka Carrizo Solar Farm II) In transition cluster. CAISO and PG&E have started GIPR transition group studies.

Transmission Notes

Transition Cluster Phase I study in progress. Named "Alta Vista Suntower" in SCE interconnection queue.

Execution of interconnection agreements for some sites could occur in Q1 2010.

Transmission Notes

(aka Alpaugh PV Solar Generating Facility) In transition cluster. CAISO and PG&E have started GIPR transition group studies.

Transition Cluster Phase I study in progress

Transition Cluster Phase 2 Study in progress

Transmission Notes

The CAISO and NV energy have agreed to treat Copper Mtn. as a CAISO resource. On a pilot basis, Copper Mtn. will be treated as a Psuedo-Participating Generator.

Transmission Notes

Existing unit; site already interconnected

Existing unit; site already interconnected

Existing unit; site already interconnected

Existing unit; site already interconnected

operational

operational

operational

operational facilities

operational facilities

operational

Transmission Notes

Interconnection Agreement is final, but will not be signed until 90 days prior to commencement of commercial operations. Reflect as Under Negotiation since it is not signed.
(aka Liberty V Lost Hills) CPUC Application not required because network upgrades are limited to the substation.

Technology **Technology type**
Biodiesel
Biogas
Biomass
Conduit hydro
Digester gas
Geothermal
Landfill gas
Muni solid waste
Ocean/tidal
Small hydro
Solar PV - Unidentified
Solar PV - Rooftop
Solar PV - Ground mount
Solar Thermal - no storage
Solar Thermal - with storage (molten salt)
Space solar
Wind

ContractType **Contract Type**
Solicitation
Bilateral
Feed in tariff
IOU standard contract
UOG
UOG - Solicitation

ProjStatus **Project Status**
Online
CPUC approved - on schedule
CPUC approved - delayed
CPUC approved - at risk of failure
CPUC rejected
Pending CPUC approval
Executed, Advice Letter withdrawn
Executed but not yet submitted for CPUC approval
Short-listed / under negotiation
Negotiations terminated
Contract expired
Contract terminated

Vintage
Vintage
Existing
New
Re-power
Re-start

Site **Site Ownership**
Private
Multiple
BLM
City
County
Seller
Tribe
Other - Please add to list in menu tab
Site not yet identified

Construction **Construction Status**
Complete
On schedule
Begun - delayed
Not yet begun
At risk of delay
tbd

Financing **Financing**
All financing secured
Partial financing
Seeking financing

Not yet seeking financing
Financing issues may cause project delay
tbd
n/a

Study

Study
Complete
In progress
Tendered
Waived
Not started
Re-study required
Other
tbd
n/a

Yes/No

Yes / No
Yes
No
n/a

Interconnection

Network Upgrade
New line
Reconductor
Increased transformer bank capacity
Increased bus capacity
Increased substation area
New substation
New switch station
Other
tbd

CPUC

CPCN Application
Yes - CPCN
Yes - PTC
No
tbd

CREZ

Competitive Renewable Energy Zone
Barstow
Baja
British Columbia
Carrizo North
Carrizo South
Colorado
Cuyama
Fairmont
Imperial East
Imperial North
Imperial South
Inyokern
Iron Mountain
Kramer
Lassen North
Lassen South
Mountain Pass
Needles
New Mexico
Nevada N
Nevada C
NonCREZ
Oregon
Owens Valley
Palm Springs
Pisgah
Remote DG
Riverside East
Round Mountain
San Bernardino - Bakersfield

San Bernardino - Lucerne
San Diego North Central
San Diego South
Santa Barbara
Solano
Tehachapi
Twentynine Palms
Victorville
Washington
Wyoming

Status **Permit Status**
Complete
On schedule
Potential for delay
Delayed
At risk of failure
Not filed
n/a

GenericStatus Signed
Under Negotiation
Not started

OMContract Signed
Under negotiation
Self-perform
Not started

EquipmentOrder No - no major equipment ordered yet. If yes, choose below.
Biodiesel - Engine-generator, turbine, fuel cell, etc.
Biomass - Steam turbine (or equivalent), boiler (or equivalent)
Digester Gas / Landfill Gas - Engine-generator, turbine, fuel cell, etc.
Hydro/Ocean/Tidal - turbine or other power conversion device
Geothermal - Steam turbine or binary power system skid
Solar PV - solar PV modules
Solar thermal - Solar field, steam turbine, steam generator/heat exchanger
Wind - Wind Turbines
Other - as applicable

TechMilestone No - milestones not met. If yes, choose below.
Biodiesel, Biomass, Digester Gas, Municipal Waste - Fuel Supply secured (e.g., contracted) for more than 70% of the fuel supply
Landfill gas - contract secured for 100% of the fuel supply
Wind - bat study and avian study complete. For avian study: all three seasons and fall breed nest report
Geothermal - Resource confirmation complete: discovery well, production wells to 20-25% of capacity, viable injection strategy, & flow validation
Geothermal - Resource confirmation AND balance of drilling complete: production & injection wells

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

CONTACT INFORMATION

Name _____

Title _____

Company _____

Address _____

City, State _____

Phone _____

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E-mail _____

