Provided by Pacific Gas and Electric Company to the CPUC on 8/23/2010

Agua Caliente

PROJECT DESCRIPTION:

Location: Roll, Yuma County, AZ	Technology: Solar PV
Contract Capacity (MW): 290	Annual Generation (GWh/yr Max): 731
Levelized Post-TOD Price (\$/MWh): 174.44	PG&E Log Number: 33R084
Advice Letter #: 3538-E / 3538-E-A	Advice Letter Approval Status: Approved

SCHEDULE:

Contract Execution Date: 9/8/2009	Contract Length (Years): 25
Guaranteed Construction Start Date: 6/1/2011	Guaranteed Commercial Operation Date: 12/1/2014

PERMITTING:

Lead Agency: Yuma County	
Local/State Agencies: Arizona Corporation Commission,	Federal Agencies: None
Arizona Department of Environmental Quality, Yuma County	
Local/State Details: All major permits received. Certificate of	Federal Details: None
Environmental Compatibility received September 22, 2009.	
Special Use Permit received in August 2009.	

TRANSMISSION:

Interconnection Agreement Status:	Under Negotiation
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Status of interconnection facilities and upgrades: CAISO LGIP Transition Cluster. Project is physically located in Arizona, however first point of interconnection is within the CAISO controlled grid. Critical path item is the construction of a 500 kV switchyard by Arizona Public Service. Grading has begun on the switchyard site, APS to commence construction of the 500kV switchyard on Oct 1, 2010

OTHER	NOTES:			

Agua Caliente

Provided by Pacific Gas and Electric Company to the CPUC on 8/23/2010

Alpine Solar (Amended and Restated) (NRG/eSolar)

PROJECT DESCRIPTION:

Location: Lancaster, Los Angeles County, CA	Technology: Solar PV
Contract Capacity (MW): 66	Annual Generation (GWh/yr Max): 140
Levelized Post-TOD Price (\$/MWh): 145.95	PG&E Log Number: 33R078
Advice Letter #: 3671-E	Advice Letter Approval Status: Pending

SCHEDULE:

Contract Execution Date: 4/21/2010	Contract Length (Years): 20
Guaranteed Construction Start Date: 6/1/2011	Guaranteed Commercial Operation Date: 3/31/2012

PERMITTING:

Lead Agency: Los Angeles County	
Local/State Agencies: Los Angeles County	Federal Agencies: None expected
Local/State Details: Developer initially intended to build facility as Solar Thermal, then switched to Solar PV in a renegotiated PPA (April 2010). Counterparty is now pursuing a CUP with LA County. Local/State Details: Conditional Use Permit ("CUP") application submitted December 2009; revised application reflecting switch to 100% photovoltaic submitted June 2010. Presently preparing draft Initial Study and Mitigated Negative Declaration to be submitted to Los Angeles County Department of Regional Planning for review and approval by end of July 2010. AS expects to receive CUP from Los Angeles County prior to construction start milestone.	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: Under Negotiation - Expected Q3 2010

Status of interconnection facilities and upgrades: CAISO Transition Cluster: Phase 2 transmission studies underway. Proposed Interconnection is the Neenach Substation in SCE service territory.

OTHER NOTES:

Renegotiated contract filed, reducing size and converting technology from solar thermal to PV.

Alpine Solar (Amended and Restated) (eSolar)

Provided by Pacific Gas and Electric Company to the CPUC on 8/23/2010

AV Solar Ranch 1 (NextLight)

PROJECT DESCRIPTION:

Location: Lancaster, Los Angeles County, CA	Technology: Solar PV
Contract Capacity (MW): 230	Annual Generation (GWh/yr Max): 628
Levelized Post-TOD Price (\$/MWh): 155.14	PG&E Log Number: 33R073
Advice Letter #: 3469-E / 3469-E-A	Advice Letter Approval Status: Approved

SCHEDULE:

Contract Execution Date: 5/8/2009	Contract Length (Years): 25
Guaranteed Construction Start Date: 8/31/2011	Guaranteed Commercial Operation Date: 12/31/2013

PERMITTING:

Lead Agency: Los Angeles County	
Local/State Agencies: LA County Department of Regional	Federal Agencies: None
Planning	
Local/State Details: Draft EIR was released on June 16, 2010. A public hearing was scheduled on June 30, 2010. The public comment period ended on July 30th with only one significant comment from the California Unions for Reliable Energy (CURE). URS, AV Solar Ranch's consultant for the permitting process, is addressing the comment and does not expect it to delay the final EIR. The Final EIR is expected on September 15, 2010.	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: Under Negotiation -Expected Q3 2010

Status of interconnection facilities and upgrades: Not started. CAISO Transition Cluster: Phase 2 transmission studies underway. Proposed interconnection to SCE's Whirlwind substation (Segment 4 of Tehachapi Renewable Transmission Project (TRTP)), part of SCE service territory. This is the critical path item.

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ΑV	Solar	Ranch	1	(Antelope	Valley)
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Avenal Park Pv Solar Farm (Eurus)

PROJECT DESCRIPTION:

Location: Avenal, Kings County, CA	Technology: Solar PV	
Contract Capacity (MW): 9	Annual Generation (GWh/yr Max): 15.58	
Levelized Post-TOD Price (\$/MWh): 240.51	PG&E Log Number: 33R123	
Advice Letter #: 3610-E	Advice Letter Approval Status: Approved	

SCHEDULE:

Contract Execution Date: 12/24/2009	Contract Length (Years): 20	
Guaranteed Construction Start Date: 12/30/2010	Guaranteed Commercial Operation Date: 6/28/2011	

PERMITTING:

Lead Agency: Kings County	
Local/State Agencies: Kings County	Federal Agencies: None
Local/State Details: Conditional Use Permit (CUP) application was submitted and deemed complete by Kings County. After it was deemed complete, it was determined that modifications needed to be made to the CUP application requiring resubmital. Latest version was submitted during June 2010. Despite resubmital, the CUP timeline remains on track for final approval expected by November 2010.	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: In progress	
Status of interconnection facilities and upgrades: Project is connected to a non-CAISO controlled facility.	IA negotiations will be under PG&E WDT process.

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Barclays Hay Canyon

PROJECT DESCRIPTION:

Location: Moro, Sherman County, OR	Technology: Wind
Contract Capacity (MW): 100	Annual Generation (GWh/yr Max): 250
Levelized Post-TOD Price (\$/MWh): 100.73	PG&E Log Number: 33R126
Advice Letter #: 3600-E	Advice Letter Approval Status: Pending

SCHEDULE:

Contract Execution Date: 1/15/2010	Contract Length (Years): 2
Guaranteed Construction Start Date:	Guaranteed Commercial Operation Date: TBD – based on CPUC approval date

PERMITTING:

Lead Agency: N/A	
Local/State Agencies: N/A	Federal Agencies: N/A
Local/State Details: Operational prior to contract execution.	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: Operational prior to contract execution			
Status of interconnection facilities and upgrades: N/A			

OTHER NOTES:

Facility operational prior to contract execution.

Barclays Hay Canyon

Barclays Nine Canyon Phase III

PROJECT DESCRIPTION:

Location: Kennewick, Benton County, WA	Technology: Wind	
Contract Capacity (MW): 14	Annual Generation (GWh/yr Max): 37	
Levelized Post-TOD Price (\$/MWh): 106.3	PG&E Log Number: 33R134	
Advice Letter #: 3632-E	Advice Letter Approval Status: Pending	

SCHEDULE:

Contract Execution Date: 2/16/2010	Contract Length (Years): 2
Guaranteed Construction Start Date: N/A	Guaranteed Commercial Operation Date: TBD – based upon CPUC approval date

PERMITTING:

Lead Agency: N/A	
Local/State Agencies: N/A	Federal Agencies: N/A
Local/State Details: Operational prior to execution.	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: Operational prior to contract execution	
Status of interconnection facilities and upgrades: N/A	

OTHER NOTES:

Facility operational prior to execution. GCOD cannot be earlier than 11/1/2011.

Barclays Nine Canyon Phase III

Blackspring Wind 1A (Greengate)

PROJECT DESCRIPTION:

Location: Lethbridge, Alberta Canada	Technology: Wind
Contract Capacity (MW): 149.	Annual Generation (GWh/yr): 445
Levelized Post-TOD Price (\$/MWh): 119.21	PG&E Log Number: 33R136
Advice Letter #: 3620-E; 3620-E-A	Advice Letter Approval Status: Pending

SCHEDULE:

Contract Execution Date: 2/19/2010	Contract Length (Years): 20
Guaranteed Construction Start Date: 7/31/2012	Guaranteed Commercial Operation Date: 12/31/2012

PERMITTING:

Lead Agency: Alberta Utilities Commission (AUC)	
Local/State Agencies: Alberta Electric System Operator (AESO)	Federal Agencies: TBD
Local/State Details: The application for a permit to construct (PTC) was initially filed in 2009, but put on hold due to an anticipated change in technology (turbine manufacturer). Greengate representatives expect to file amended PTC application with the AUC by the end of August 2010. Receipt of the PTC is expected within 6 months thereafter.	Federal Details: TBD

TRANSMISSION:

Interconnection Agreement Status:	Executed and accepted by the Alberta Electric System Operator in July 2009.
Status of interconnection facilities ar	nd upgrades: TBD

OTHER NOTES:

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Blackspring Wind 1B (Greengate)

PROJECT DESCRIPTION:

Location: Lethbridge, Alberta, Canada	Technology: Wind	
Contract Capacity (MW): 149.4	Annual Generation (GWh/yr Max): 445	
Levelized Post-TOD Price (\$/MWh): 119.21	PG&E Log Number: 33R137	
Advice Letter #: 3620-E; 3620-E-A	Advice Letter Approval Status: Pending	

SCHEDULE:

Contract Execution Date: 2/19/2010	Contract Length (Years): 20	
Guaranteed Construction Start Date: 7/30/2012	Guaranteed Commercial Operation Date: 12/31/2012	

PERMITTING:

Lead Agency: Alberta Utilities Commission (AUC)	
Local/State Agencies: TBD	Federal Agencies: TBD
Local/State Details: The application for a permit to construct (PTC) was initially filed in 2009, but put on hold due to an anticipated change in technology (turbine manufacturer). Greengate expects to file amended PTC application with the AUC by the end of August 2010. Receipt of the PTC is expected within 6 months thereafter.	Federal Details: TBD

TRANSMISSION:

Interconnection Agreement Status:	Executed 5/6/2008 and accepted 7/4/2008 by the Alberta Electric System Operator.
Status of interconnection facilities a	nd upgrades: TBD

OTHER NOTES:

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Provided by Pacific Gas and Electric Company to the CPUC on 8/23/2010

Brodie (Coram)

PROJECT DESCRIPTION:

Location: Tehachapi, Kern County County, CA	Technology: Wind
Contract Capacity (MW): 102	Annual Generation (GWh/yr Max): 286
Levelized Post-TOD Price (\$/MWh): 117.82	PG&E Log Number: 33R142
Advice Letter #: 3687-E	Advice Letter Approval Status: Pending

SCHEDULE:

Contract Execution Date: 6/2/2010	Contract Length (Years): 20
Guaranteed Construction Start Date: 12/31/2010	Guaranteed Commercial Operation Date: 10/1/2011

PERMITTING:

Lead Agency: Kern County	
Local/State Agencies: Kern County	Federal Agencies: None
Local/State Details: All but two parcels of the project area are included in an existing area that has a blanket Conditional Use Permit (CUP)for wind projects in the Tehachapi area. The two parcels required rezoning from Agriculture (A) to Agriculture-Wind Energy (A-WE). The rezoning of each additional parcel received Mitigated Negative Declarations that were issued on 3/22/2010 and 3/24/2010. The approval of the rezoning occurred at the 7/13/2010 Board of Supervisors meeting.	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: Under Negotiation

Status of interconnection facilities and upgrades: Required network upgrades are complete and Windhub substation is energized. Interconnection piece remains and that process has been kicked off by letter agreement between SCE and Coram developer to begin procurement of step up transformer, a long lead time item. Project will have two Gen-ties and two substations due to the site not being continuous.

Coram is having difficulty getting SCE to commit to the 7/1/2011 timeline needed for completion of the transformer and other work. In the LGIA, SCE wants until 12/31/2011, while agreeing to use a Commercial Reasonable Effort to complete the work by 7/1/2011. Coram needs SCE to finish by July 2011 if they are going to meet their GCOD. Coram is continuing to discuss this with SCE with the hope of getting resolution shortly.

Brodie (Coram)

Provided by Pacific Gas and Electric Company to the CPUC on 8/23/2010

California Valley Solar Ranch-HPR 2 (CA Valley Solar Ranch, Carrisa Solar Ranch, Carrisa II,)

PROJECT DESCRIPTION:

Location: San Luis Obispo, San Luis Obispo County, CA	Technology: Solar PV
Contract Capacity (MW): 210	Annual Generation (GWh/yr Max): 550
Levelized Post-TOD Price (\$/MWh): 141.83	PG&E Log Number: 33R052
Advice Letter #: 3318-E	Advice Letter Approval Status: Approved

SCHEDULE:

Contract Execution Date: 7/23/2008	Contract Length (Years): 28
Guaranteed Construction Start Date: 12/26/2010	Guaranteed Commercial Operation Date: 12/26/2013

PERMITTING:

Lead Agency: San Luis Obispo County	
Local/State Agencies: San Luis Obispo County, CA Dept. of	Federal Agencies: US Fish and Wildlife Service (USFWS), US
Fish and Game	Army Corps of Engineers (USACOE)
Local/State Details: Key Issue: Wildlife Corridor. Potential for delay due to wildlife corridor issue (Topaz Solar Farm (First Solar) jointly shares this issue) with the encroachment on threatened and endangered plant and animal species, and their key habitat.	Federal Details: 1st of two Federal Permits expected to be issued Q3 2010.

TRANSMISSION:

Interconnection Agreement Status: Under Negotiation	
Status of interconnection facilities and upgrades: Underv	vay

OTHER NOTES:

Estimated commercial operation date is based on initial deliveries from first phase of project. Guaranteed commercial operation date is contractual date for full deliveries from last phase of project. Contract length includes the three-year phased-in period.

Phased CODs are: Ph I, 12/26/2011; Ph II, 12/25/2012; Ph III, 12/26/2013

California Valley Solar Ranch-HPR 2 (CA Valley Solar Ranch, Carrisa Solar Ranch, Carrisa II,)

Provided by Pacific Gas and Electric Company to the CPUC on 8/23/2010

California Valley Solar Ranch-HPR 3 (CA Valley Solar Ranch, Carrisa Solar Ranch, Carrisa II)

PROJECT DESCRIPTION:

Location: California Valley, San Luis Obispo County County,	Technology: Solar PV
CA	
Contract Capacity (MW): 40	Annual Generation (GWh/yr Max): 112
Levelized Post-TOD Price (\$/MWh): 152.62	PG&E Log Number: 33R088
Advice Letter #: 3661-E	Advice Letter Approval Status: Pending

SCHEDULE:

Contract Execution Date: 3/8/2010	Contract Length (Years): 25
Guaranteed Construction Start Date: 1/1/2012	Guaranteed Commercial Operation Date: 12/31/2012

PERMITTING:

Lead Agency: San Luis Obispo County	
Local/State Agencies: San Luis Obispo County, California	Federal Agencies: US Fish and Wildlife Service (USFWS), US
Dept. of Fish and Game	Army Corps of Engineers (USACOE)
Local/State Details: Key Issue: Wildlife Corridor. Potential for delay due to wildlife corridor issue (Topaz Solar Farm (First Solar) jointly shares this issue) with the encroachment on threatened and endangered plant and animal species, and their key habitat.	Federal Details: 1st of two Federal Permits expected to be issued Q3 2010.

TRANSMISSION:

Interconnection Agreement Status: Under Negotiation
Status of interconnection facilities and upgrades: Underway

OTHER NOTES:

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Copper Mountain Solar 1

PROJECT DESCRIPTION:

Location: Boulder City, Clark County, NV	Technology: Solar PV
Contract Capacity (MW): 48	Annual Generation (GWh/yr Max): 108
Levelized Post-TOD Price (\$/MWh): 164.65	PG&E Log Number: 33R079
Advice Letter #: 3500-E	Advice Letter Approval Status: Approved

SCHEDULE:

Contract Execution Date: 6/22/2009	Contract Length (Years): 20
Guaranteed Construction Start Date: 2/19/2010	Guaranteed Commercial Operation Date: 7/20/2011

PERMITTING:

Lead Agency: Boulder City, NV	
Local/State Agencies: City of Boulder City, Clark County Air	Federal Agencies: None
Quality and Environmental Management	
Local/State Details: All major permits have been received.	Federal Details: N/A
Energy deliveries for the full 48 MW will be phased in through	
their COD. Initial energy delivery occurred on 5/27/2010.	

TRANSMISSION:

rconnection Agreement Status: Signed	
us of interconnection facilities and upgrades	: Complete. LGIA executed. Nevada Energy service territory.

OTHER NOTES:

Facility is under construction and has begun initial deliveries.

Copper Mountain Solar 1

Provided by Pacific Gas and Electric Company to the CPUC on 8/23/2010

Coyote Canyon (Terra Gen)

PROJECT DESCRIPTION:

Location: Fallon, Churchill County, Nevada	Technology: Geothermal	
Contract Capacity (MW): 53	Annual Generation (GWh/yr): 441.1	
Levelized Post-TOD Price (\$/MWh): 134	PG&E Log Number: 33R143	
Advice Letter #: TBD	Advice Letter Approval Status: Not yet submitted	

SCHEDULE:

Contract Execution Date: 7/12/2010	Contract Length (Years): 25
Guaranteed Construction Start Date: 12/1/2011	Guaranteed Commercial Operation Date: 6/1/2013

PERMITTING:

Tillo.	
Lead Agency: BLM	
Local/State Agencies: Churchill County and Public Utilities	Federal Agencies: BLM
Commission of Nevada (PUCN)	
Local/State Details: A Special Use Permit from Churchill	Federal Details: Project is using the BLM fast tracked process.
County will be required and will be applied for by Q1 2011.	Application submitted to BLM on 3/1/2010. BLM issued the
PUCN also requires that the project go through the Utility	Environmental Assessment (NEPA review) on 4/1/2010.
Environmental Protection Act (UEPA) application process,	Approval by BLM expected by December 2010.
which is linked to the BLM process and provides state level	
environmental approval. The submittal of the UEPA	
application is planned for Q1 2011.	

TRANSMISSION:

Interconnection Agreement Status: Not Started. Expected Q1 2011

Status of interconnection facilities and upgrades: Facility studies are in process. Phase I System Impact Study is complete.
211 mile Gen-tie from project to Control Substation (CAISO area), is complete.

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Coyote Canyon (Terra Gen)

Coyote Springs #1 (BrightSource 3)

PROJECT DESCRIPTION:

Location: Coyote Springs, Lincoln County, Nevada	Technology: Solar Thermal	
Contract Capacity (MW): 200	Annual Generation (GWh/yr Max): 573	
Levelized Post-TOD Price (\$/MWh): 153.28	PG&E Log Number: 33R065	
Advice Letter #: 3458-E	Advice Letter Approval Status: Approved	

SCHEDULE:

Contract Execution Date: 4/28/2009	Contract Length (Years): 25
Guaranteed Construction Start Date: 7/1/2013	Guaranteed Commercial Operation Date: 7/1/2014

PERMITTING:

Lead Agency: Lincoln County, NV	
Local/State Agencies: Lincoln County, NV, Nevada Division of	Federal Agencies: None
Environmental Protection	
Local/State Details: Site Control is a Lease Option. Project on	Federal Details: None
private land, and master plan for Coyote Springs already	
approved by County. Approval encompasses industrial	
applications such as the BrightSource project.	

TRANSMISSION:

Interconnection Agreement Status: Not Started	
Status of interconnection facilities and upgrades:	Phase 1 studies underway. Project is physically located in Nevada. However,
developer has initiated a study request in the CAISO LG	IP to reserve the ability to complete a deliverability study in advance of GCOD.

OTHER	NOTES:				

Coyote Springs #1 (BrightSource 3)

Coyote Springs #2 (BrightSource 4)

PROJECT DESCRIPTION:

Location: Coyote Springs, Lincoln County, Nevada	Technology: Solar Thermal
Contract Capacity (MW): 200	Annual Generation (GWh/yr Max): 573
Levelized Post-TOD Price (\$/MWh): 157.89	PG&E Log Number: 33R066
Advice Letter #: 3459-E	Advice Letter Approval Status: Approved

SCHEDULE:

Contract Execution Date: 4/28/2009	Contract Length (Years): 25
Guaranteed Construction Start Date: 7/1/2014	Guaranteed Commercial Operation Date: 7/1/2015

PERMITTING:

Lead Agency: Lincoln County, NV	
Local/State Agencies: Lincoln County, NV, Nevada Division of	Federal Agencies: None
Environmental Protection	_
Local/State Details: Site Control is a Lease Option. Project on	Federal Details: None
private land, and master plan for Coyote Springs already	
approved by County. Approval encompasses industrial	
applications such as the BrightSource project.	

TRANSMISSION:

Interconnection Agreement Status: Not Started	
Status of interconnection facilities and upgrades:	Phase 1 studies underway. Project is physically located in Nevada. However,
developer has initiated n/a study request in the CAISO I	GIP to reserve the ability to complete a deliverability study in advance of GCOD.

OTHER	NOTES:				

Coyote Springs #2 (BrightSource 4)

Provided by Pacific Gas and Electric Company to the CPUC on 8/23/2010

Desert Sunlight

PROJECT DESCRIPTION:

Location: Desert Center, Riverside County, CA	Technology: Solar PV
Contract Capacity (MW): 300	Annual Generation (GWh/yr Max): 685
Levelized Post-TOD Price (\$/MWh): 160.46	PG&E Log Number: 33R138
Advice Letter #: 3629-E	Advice Letter Approval Status: Pending

SCHEDULE:

Contract Execution Date: 2/24/2010	Contract Length (Years): 25
Guaranteed Construction Start Date: 7/1/2013	Guaranteed Commercial Operation Date: 7/1/2015

PERMITTING:

Lead Agency: Bureau of Land Management	
Local/State Agencies: CPUC (for interconnection permitting)	Federal Agencies: Bureau of Land Management
Local/State Details: The California Public Utilities Commission (CPUC) and the BLM signed a Memorandum of Understanding (MOU) which defines the relationship of the two agencies, and identifies CPUC as a cooperating agency with BLM. CPUC has agreed to use the project's Environmental Impact Study (EIS) for California Environmental Quality Act (CEQA) compliance.	Federal Details: Seller submitted the Project's original Right Of Way (ROW) application to the BLM in November 2006. A Plan of Development (POD) was submitted to the BLM in April 2007 with updates in October 2008, December 2009 and March 2010 to reflect changes and updates in project footprint and design. The BLM has selected a consultant to prepare the project's Environmental Impact Statement (EIS). A draft EIS is expected to be published in early 2011.

TRANSMISSION:

Interconnection Agreement Status: Under Negotiation

Status of interconnection facilities and upgrades: Serial Studies Complete. Interconnection to the proposed Red Bluff Substation in SCE service territory. SCE and Desert Sunlight have entered into a side agreement to engineer and procure the project transformer, as this is the critical. The side agreement will be folded into the LGIA.

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Desert Sunlight

DTE Stockton (POSDEF)

PROJECT DESCRIPTION:

Location: Port of Stockton, San Joaquin County, CA	Technology: Biomass
Contract Capacity (MW): 49.9	Annual Generation (GWh/yr Max): 315
Levelized Post-TOD Price (\$/MWh): 141.39	PG&E Log Number: 33R099
Advice Letter #: 3577-E	Advice Letter Approval Status: Approved

SCHEDULE:

Contract Execution Date: 12/8/2009	Contract Length (Years): 25
Guaranteed Construction Start Date: 10/1/2011	Guaranteed Commercial Operation Date: 6/30/2013

PERMITTING:

Lead Agency: Port of Stockton	
Local/State Agencies: Port of Stockton	Federal Agencies: Environmental Protection Agency (EPA)
Local/State Details: Obtaining a Conditional Use Permit will not be necessary under Port of Stockton re-zoning rules.	Federal Details: No major activity. Developer is in process of preparing permit materials.
On 5/11/2010, San Joaquin County Unified Air Pollution Control District determined the DTE air permit application to be complete. A draft decision will be released within 180 days.	

TRANSMISSION:

Interconnection Agreement Status: TBD	
Status of interconnection facilities and upgrades:	Existing interconnected facility undergoing a conversion from petroleum coke to
biomass. It is uncertain whether generator will require upgrades to existing interconnection facilities.	

OTHER NOTES:

DTE Stockton (POSDEF)

Provided by Pacific Gas and Electric Company to the CPUC on 8/23/2010

Genesis Solar (NextEra)

PROJECT DESCRIPTION:

Location: Blythe, Riverside County, CA	Technology: Solar Thermal
Contract Capacity (MW): 250	Annual Generation (GWh/yr Max): 560
Levelized Post-TOD Price (\$/MWh): 174.1	PG&E Log Number: 33R090
Advice Letter #: 3546-E / 3546-E-A	Advice Letter Approval Status: Pending

SCHEDULE:

Contract Execution Date: 9/28/2009	Contract Length (Years): 25
Guaranteed Construction Start Date: N/A	Guaranteed Commercial Operation Date: 11/30/2014

PERMITTING:

Lead Agency: California Energy Commission (CEC)	
Local/State Agencies: California Energy Commission;	Federal Agencies: Bureau of Land Management, US
Riverside County	Environmental Protection Agency
Local/State Details: Site Control - In process of securing BLM	Federal Details: Applied for a Right of Way Grant on Federal
lease. August 2009 - Application for Certification (AFC) filed	Lands. The final EIS is expected to be released in Q4 2010.
at CEC. Potential problem for AFC process due to issue of wet	
vs. in August 2009. The CEC issued a draft Staff Assessment	
in March 2010 and final CEC approval is expected in Q3 2010.	
The Staff Assessment recommended using dry cooling	
(Genesis applied for wet technology, instead of wet cooling).	
6/1/2010 - This issue has not yet been resolved.	

TRANSMISSION:

Interconnection Agreement Status: Under Negotiation - expected Q1 2011

Status of interconnection facilities and upgrades: CAISO Transition Cluster: Phase 2 transmission studies underway. Proposed interconnection is SCE's proposed Midpoint (aka Colorado River) substation in SCE territory.

OTHER NOTES:

Amended for price reduction associated with project delays, dry cooling and a DOE loan guarantee. There is no Guaranteed Construction Start Date, but it is expected to be 11/1/2011.

Genesis Solar

GreenVolts

PROJECT DESCRIPTION:

Location: Byron, Alameda County , CA	Technology: Solar PV
Contract Capacity (MW): 2	Annual Generation (GWh/yr Max): 5
Levelized Post-TOD Price (\$/MWh): 223.99	PG&E Log Number: 33R031
Advice Letter #: 3074-E, 3074-E-B	Advice Letter Approval Status: Approved

SCHEDULE:

Contract Execution Date: 6/25/2007	Contract Length (Years): 20
Guaranteed Construction Start Date: 7/1/2008	Guaranteed Commercial Operation Date: 10/1/2008

PERMITTING:

Lead Agency: Alameda County	
Local/State Agencies: Alameda County	Federal Agencies: None
Local/State Details: Conditional Use Permit complete on 07/17/2008. However, per Alameda County, an amendment to the permit is necessary due to tracker design changes. In the July Monthly Progress Report, Developer stated that the amendment will be presented to the County's senior planner at the end of July. Developer will provide update in their August Monthly Progress Report.	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: Signed	
Status of interconnection facilities and upgrades:	Completed

OTHER NOTES:

Potential amendment to extend COD to 2011

GreenVolts

Halkirk Wind (Greengate)

PROJECT DESCRIPTION:

Location: Stettler, Alberta, Canada	Technology: Wind
Contract Capacity (MW): 149.4	Annual Generation (GWh/yr Max): 485
Levelized Post-TOD Price (\$/MWh): 118.36	PG&E Log Number: 33R135
Advice Letter #: 3620-E; 3620-E-A	Advice Letter Approval Status: Pending

SCHEDULE:

Contract Execution Date: 2/19/2010	Contract Length (Years): 20
Guaranteed Construction Start Date: 7/31/2011	Guaranteed Commercial Operation Date: 12/31/2011

PERMITTING:

Lead Agency: Alberta Utilities Commission (Canada)	
Local/State Agencies: Alberta Electric System Operator (AESO)	Federal Agencies: TBD
Local/State Details: Permit to Construct (PTC) received December 31, 2009. A PTC amendment is required due to revised turbine model. Amendment expected to be approved by March 2011.	Federal Details: TBD

TRANSMISSION:

Interconnection Agreement Status: Executed and accepted November 2008 by the Alberta Electric System Operator.			
Status of interconnection facilities and upgrades: Complete			

OTHER NOTES:			

Halkirk Wind (Greengate)

Hatchet Ridge Wind, LLC

PROJECT DESCRIPTION:

Location: Burney, Shasta County, CA	Technology: Wind
Contract Capacity (MW): 103.2	Annual Generation (GWh/yr Max): 303
Levelized Post-TOD Price (\$/MWh): 102.19	PG&E Log Number: 33R058
Advice Letter #: 3367-E	Advice Letter Approval Status: Approved

SCHEDULE:

Contract Execution Date: 11/20/2008	Contract Length (Years): 15
Guaranteed Construction Start Date: 4/30/2010	Guaranteed Commercial Operation Date: 12/31/2010

PERMITTING:

Lead Agency: Shasta County Dept of Resource Management	
Local/State Agencies: Shasta County, CA Central Coast	Federal Agencies: Federal Aviation Administration
Regional Water Quality Control Board, CA Dept. of Fish and	
Game - Streambed Alteration	
Local/State Details: Conditional Use Permit complete. and	Federal Details: Complete - Determinations of No Hazard
project under construction.	(DNH) for wind turbines and met towers.

TRANSMISSION:

Interconnection Agreement Status: Signed	
Status of interconnection facilities and upgrades:	Completed

OTHER NOTES:

Project is under construction and on schedule.

Hatchet Ridge Wind, LLC

Provided by Pacific Gas and Electric Company to the CPUC on 8/23/2010

IAE Truckhaven (Truckhaven)

PROJECT DESCRIPTION:

Location: Truckhaven, Imperial County, CA	Technology: Geothermal
Contract Capacity (MW): 49	Annual Generation (GWh/yr Max): 370
Levelized Post-TOD Price (\$/MWh): 69.96	PG&E Log Number: 33R023
Advice Letter #: 2863-E, 2863-E-A	Advice Letter Approval Status: Approved

SCHEDULE:

Contract Execution Date: 7/21/2006	Contract Length (Years): 20
Guaranteed Construction Start Date: 11/1/2010	Guaranteed Commercial Operation Date: 7/1/2012

PERMITTING:

Lead Agency: Imperial County	
Local/State Agencies: Imperial County Air Pollution Control District, California State Parks and Recreation, Colorado River Regional Water Quality Control Board	Federal Agencies: Bureau of Land Management (BLM)
Local/State Details: Key Issue: Land Use. No application has been filed, pending final determination of plant site. Due to site on Bureau of Land Management land, they must go through National Environmental Policy Act (NEPA). It will likely be at least 1 year before Truckhaven starts the Environmental Impact Report NEPA/CA Environmental Quality Act process.	Federal Details: Majority of the project site is on BLM land. After a long delay, BLM issued the leases and Truckhaven's are effective as of 10/1/09. As part of the lease agreements, four parties (Truckhaven, Ormat, J. McNamera (Esmeralda), and California Northern Petroleum) must try to work out a unitization agreement (one unit operator) for all four groups of leases. BLM and State Parks and Recreation do not want more than one power plant in the area.

TRANSMISSION:

Interconnection Agreement Status: Not started

Status of interconnection facilities and upgrades: TBD - based on delay in schedule and the project withdrawing their application with Imperial Irrigation District until their schedule was more certain.

OTHER NOTES:

PPA will need to be amended if project is feasible.

IAE Truckhaven (Truckhaven)

Provided by Pacific Gas and Electric Company to the CPUC on 8/23/2010

Ivanpah Solar Electric Generating Station #1 (BrightSource 1)

PROJECT DESCRIPTION:

Location: Ivanpah, San Bernardino County, CA	Technology: Solar Thermal
Contract Capacity (MW): 118	Annual Generation (GWh/yr Max): 304
Levelized Post-TOD Price (\$/MWh): 155.00	PG&E Log Number: 33R063
Advice Letter #: 3458-E / 3703-E	Advice Letter Approval Status: Approved / Pending

SCHEDULE:

Contract Execution Date: 4/28/2009	Contract Length (Years): 25
Guaranteed Construction Start Date: 7/1/2011	Guaranteed Commercial Operation Date: 7/1/2013

PERMITTING:

Lead Agency: California Energy Commission (CEC)/Bureau of Land Management	
Local/State Agencies: California Energy Commission (CEC)	Federal Agencies: Bureau of Land Management (BLM)
Local/State Details: 11/04/09 - The combined CEC Final Staff Analysis/Bureau of Land Management Draft Environmental Impact Statement (EIS) was published. CEC/BLM joint permitting process remains on schedule. Supplemental Final Staff Assessment for "Mitigated Ivanpah 3" (affects both Ivanpah 1 and 3) received April 16, 2010. Final permit approval anticipated in August or September 2010.	Federal Details: BLM Environmental Impact Report was filed and will be incorporated in CEC Application for Certification. BLM issued supplemental Draft Environmental Impact Study for "Mitigated Ivanpah 3" (affects both Ivanpah 1 and 3) on April 16, 2010.

TRANSMISSION:

Interconnection Agreement Status: Executed

Status of interconnection facilities and upgrades: LGIA executed. Interconnection is the SCE Eldorado-Ivanpah transmission line in SCE service territory.

OTHER NOTES:

Amendment was executed and filed via Advice Letter 3703-E on 7/9/2010.

Ivanpah Solar Electric Generating Station #1 (BrightSource 1)

Provided by Pacific Gas and Electric Company to the CPUC on 8/23/2010

Ivanpah Solar Electric Generating Station #3 (BrightSource PPA 2)

PROJECT DESCRIPTION:

Location: Ivanpah, San Bernardino County, CA	Technology: Solar Thermal
Contract Capacity (MW): 130	Annual Generation (GWh/yr Max): 335.6
Levelized Post-TOD Price (\$/MWh): 158.27	PG&E Log Number: 33R064
Advice Letter #: 3458-E / 3703 - E	Advice Letter Approval Status: Approved / Pending

SCHEDULE:

Contract Execution Date: 4/28/2009	Contract Length (Years): 25
Guaranteed Construction Start Date: 7/1/2012	Guaranteed Commercial Operation Date: 12/31/2013

PERMITTING:

Lead Agency: California Energy Commission (CEC)/Bureau of Land Management	
Local/State Agencies: California Energy Commission (CEC)	Federal Agencies: Bureau of Land Management (BLM)
Local/State Details: 11/04/09 - The combined CEC Final Staff Analysis/Bureau of Land Management Draft Environmental Impact Statement (EIS) was published. CEC/BLM joint permitting process remains on schedule. Supplemental Final Staff Assessment for "Mitigated Ivanpah 3" (affects both Ivanpah 1 and 3) received April 16, 2010. Final permit approval anticipated in August or September 2010.	Federal Details: BLM Environmental Impact Report was filed and will be incorporated in CEC Application for Certification. BLM issued supplemental Draft Environmental Impact Study for "Mitigated Ivanpah 3" (affects both Ivanpah 1 and 3) on April 16, 2010.

TRANSMISSION:

Interconnection Agreement Status: Executed

Status of interconnection facilities and upgrades: LGIA executed. Interconnection is the SCE Eldorado-Ivanpah transmission line in SCE service territory.

OTHER NOTES:

Amendment was executed and filed via Advice Letter 3703-E on 7/9/2010.

Ivanpah Solar Electric Generating Station #3 (BrightSource PPA 2)

Provided by Pacific Gas and Electric Company to the CPUC on 8/23/2010

Liberty V Biofuels (Liberty Biofuels)

PROJECT DESCRIPTION:

Location: Lost Hills, Kern County, CA	Technology: Digester Gas
Contract Capacity (MW): 5	Annual Generation (GWh/yr Max): 35
Levelized Post-TOD Price (\$/MWh): 59.77	PG&E Log Number: 33R021
Advice Letter #: 2827-E	Advice Letter Approval Status: Approved

SCHEDULE:

Contract Execution Date: 5/3/2006	Contract Length (Years): 15
Guaranteed Construction Start Date: 9/10/2008	Guaranteed Commercial Operation Date: 12/31/2009

PERMITTING:

Lead Agency: Kern County	
Local/State Agencies: Kern County, California Integrated Waste Management Board, San Joaquin Valley Air Pollution Control District	Federal Agencies: None
Local/State Details: Key Issue: Local Agency Delay. The Environmental Impact Report (EIR)/Conditional Use Permit (CUP) process is in its fourth year, which is two years longer than it should take. The draft EIR was issued on June 23, 2010. The final amended CUP is now on track for issuance by October 2010.	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: Under Negotiation

Status of interconnection facilities and upgrades: TBD – once Liberty receives their Conditional Use Permit this process will move forward.

OTHER NOTES:

A price increase has been requested. Negotiation has commenced.

Liberty V Biofuels (Liberty Biofuels)

Mesquite Solar I

PROJECT DESCRIPTION:

Location: Tonopah, Maricopa County County, AZ	Technology: Solar PV
Contract Capacity (MW): 150	Annual Generation (GWh/yr): 326
Levelized Post-TOD Price (\$/MWh): TBD	PG&E Log Number: 33R144
Advice Letter #: TBD	Advice Letter Approval Status: Not yet submitted

SCHEDULE:

Contract Execution Date: 7/29/2010	Contract Length (Years): 20
Guaranteed Construction Start Date: TBD – based on CPUC approval date	Guaranteed Commercial Operation Date: TBD – based on CPUC approval date

PERMITTING:

Lead Agency: Maricopa County, AZ	
Local/State Agencies: Maricopa County, AZ	Federal Agencies: TBD
Local/State Details: Seller received Special Use Permit from	Federal Details: TBD
the Maricopa County Board of Supervisors on 1/12/10.	

TRANSMISSION:

Interconnection Agreement Status: Under Negotiation
Status of interconnection facilities and upgrades: Project is not going through LGIP. Interconnection point is at Hassayampa bus.
This location is owned by multiple parties, and there is a unique, multi-party interconnection process; CAISO is a participant in the
process.

OTHER	NOTES:			

Mesquite Solar I

Provided by Pacific Gas and Electric Company to the CPUC on 8/23/2010

Microgy Inc (Hanford, Riverdale Diaries, Kerman Bar 20 Diaries)

PROJECT DESCRIPTION:

Location: Various, CA	Technology: Digester Gas
Contract Capacity (MW): N/A	Annual Generation (GWh/yr Max): 0
Levelized Post-TOD Price (\$/MWh): N/A	PG&E Log Number: M-R-7014
Advice Letter #: 2996-E, 2996-E-A	Advice Letter Approval Status: Approved

SCHEDULE:

Contract Execution Date: 2/23/2007	Contract Length (Years): 10
Guaranteed Construction Start Date: N/A	Guaranteed Commercial Operation Date: N/A

PERMITTING:

Lead Agency: Kings County, Fresno County	
Local/State Agencies: Kings County, Fresno County, Air Pollution Control District, Regional Water Quality Control Board	Federal Agencies: None
Local/State Details: Conditional Use Permit, air permit and water permit complete for all three sites. Major delay in development of three remaining site is due to financing.	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: Signed	
Status of interconnection facilities and upgrades:	N/A. Project requires gas interconnection (not electric).

OTHER NOTES:

Received notice that Texas site is in receivership and all payments should be directed to the lender. Production is down significantly. Long term project viability is in question.

Microgy Inc (Hanford, Riverdale Diaries, Kerman Bar 20 Diaries)

Provided by Pacific Gas and Electric Company to the CPUC on 8/23/2010

Mojave Solar Project (Abengoa)

PROJECT DESCRIPTION:

Contract Capacity (MW): 250 Levelized Post-TOD Price (\$/MWh): 195.79	Annual Generation (GWh/yr): 617 PG&E Log Number: 33R089
Advice Letter #: 3547-E	Advice Letter Approval Status: Pending

SCHEDULE:

Contract Execution Date: 10/22/2009	Contract Length (Years): 25
Guaranteed Construction Start Date: 12/31/2010	Guaranteed Commercial Operation Date: 12/1/2013

PERMITTING:

Lead Agency: California Energy Commission (CEC)	
Local/State Agencies: California Energy Commission (CEC)	Federal Agencies: None
Local/State Details: Application for Certification (AFC) filed at CEC on 8/10/2009 and was deemed data adequate on 10/21/2009. CEC supplemental staff assessment Part A and Part B were published on May 12 and May 25, 2010, respectively. The final decision/determination of compliance was issued by the Mojave Desert Air Quality Management District on May 17, 2010. The draft biological assessment from U.S. Fish and Wildlife Service staff was submitted to the DOE on May 24, 2010. Mojave still asserts that it will be ready to start construction by the end of 2010 (GCSD is 12/31/2010).	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: Under negotiation. Expected Q3 2010

Status of interconnection facilities and upgrades: Serial studies complete. LGIA under negotiation. Proposed interconnection is the Kramer-Pisgah transmission line part of SCE territory.

OTHER NOTES:

Amendment likely needed to address the cost and timing of transmission upgrades along with an adjustment to contract price if the project is not eligible for RA.

Mojave Solar Project (Abengoa)

Provided by Pacific Gas and Electric Company to the CPUC on 8/23/2010

Montezuma Wind Energy Center

PROJECT DESCRIPTION:

Location: Birds Landing, Solano County, CA	Technology: Wind
Contract Capacity (MW): 36.8	Annual Generation (GWh/yr): 129
Levelized Post-TOD Price (\$/MWh): 101	PG&E Log Number: 33R013-AR
Advice Letter #: 3681-E	Advice Letter Approval Status: Pending

SCHEDULE:

Contract Execution Date: 6/3/2010	Contract Length (Years): 25
Guaranteed Construction Start Date: N/A	Guaranteed Commercial Operation Date: 1/30/2011

PERMITTING:

, , , , , , , , , , , , , , , , , , , ,	
Lead Agency: Solano County	
Local/State Agencies: Solano County	Federal Agencies: Federal Aviation Administration
Local/State Details: Conditional Use and Land Use Permits	Federal Details: Travis Air Force Base has lifted its objections
obtained from by Solano County.	to the project.

TRANSMISSION:

Interconnection Agreement Status: Complete
Status of interconnection facilities and upgrades: Currently completing the Amended Interconnection Study to evalute the replacement of the originally proposed turbines with two alternative wind turbine generators.

OTHER NOTES:

Construction commenced in June 2010.

Montezuma Wind Energy Center

Mt. Poso (RedHawk)

PROJECT DESCRIPTION:

Location: Bakersfield, Kern County, CA	Technology: Biomass
Contract Capacity (MW): 44	Annual Generation (GWh/yr): 328
Levelized Post-TOD Price (\$/MWh): 141.11	PG&E Log Number: 33R082
Advice Letter #: 3529-E	Advice Letter Approval Status: Approved

SCHEDULE:

Contract Execution Date: 7/31/2009	Contract Length (Years): 15
Guaranteed Construction Start Date: 8/31/2010	Guaranteed Commercial Operation Date: 1/30/2012

PERMITTING:

Lead Agency: Kern County	
Local/State Agencies: Kern County, San Joaquin Valley Air	Federal Agencies: Environmental Protection Agency (EPA)
Pollution Control District (SJVAPCD)	
Local/State Details: All required permits, including	Federal Details: Prevention of Significant Deterioration (PSD)
Conditional Use Permit ("CUP") from Kern County received by	Permit has been received from EPA and was a necessary
8/10/2010.	component of the CUP.

TRANSMISSION:

Interconnection Agreement Status: Operational prior to contract execution			
Status of interconnection facilities and upgrades: n/a			

OTHER NOTES:

Mt.	Poso	(RedHawk)

Provided by Pacific Gas and Electric Company to the CPUC on 8/23/2010

Pacific Renewables Energy Generation (Lompoc)

PROJECT DESCRIPTION:

Location: Lompoc, Santa Barbara County, CA	Technology: Wind
Contract Capacity (MW): 83	Annual Generation (GWh/yr): 280.4
Levelized Post-TOD Price (\$/MWh): 54.31	PG&E Log Number: 33R014
Advice Letter #: 2655-E	Advice Letter Approval Status: Approved

SCHEDULE:

Contract Execution Date: 4/18/2005	Contract Length (Years): 20		
Guaranteed Construction Start Date: 1/30/2008	Guaranteed Commercial Operation Date: 11/30/2008		

PERMITTING:

Lead Agency: Santa Barbara County				
Local/State Agencies: Regional Water Quality Control Board,	Federal Agencies: US Army Corps of Engineers, Federal			
CA Dept. of Fish and Game	Aviation Administration			
Local/State Details: Key Issue: Land Use. February 2009 - Conditional Use Permit issued by Santa Barbara County. However, there is a lawsuit by an adjacent landowner against the County claiming they improperly approved Conditional Use Permit. The developer is proceeding with the project and plans to begin construction in December 2010.	Federal Details: Army Corps of Engineers as lead Federal agency will also work w/US Fish and Wildlife Service on El Segundo butterfly work. Federal Aviation Administration will approve final layout plan for turbines.			

TRANSMISSION:

Interconnection Agreement Status: Signed

Status of interconnection facilities and upgrades: Updating study currently underway for 55 MW of output instead of the original 120 MW. Part of PG&E service territory.

OTHER NOTES:

In negotiations now that permitting issues are close to resolved.

Pacific Renewables Energy Generation (Lompoc)

Potrero Hills Landfill

PROJECT DESCRIPTION:

Location: Suisun, Solano County, CA	Technology: Landfill Gas
Contract Capacity (MW): 8	Annual Generation (GWh/yr Max): 56
Levelized Post-TOD Price (\$/MWh): 136.94	PG&E Log Number: 33R133
Advice Letter #: 3623-E	Advice Letter Approval Status: Pending

SCHEDULE:

Contract Execution Date: 2/4/2010	Contract Length (Years): 25		
Guaranteed Construction Start Date: 12/15/2013	Guaranteed Commercial Operation Date: 6/15/2015		

PERMITTING:

-		
	Lead Agency: Solano County	
	Local/State Agencies: Bay Area Air Quality Management	Federal Agencies: None
	District (BAAQMD)	
	Local/State Details: Air Permit application was filed with	Federal Details: N/A
	BAAQMD on 3/11/2010.	

TRANSMISSION:

Interconnection Agreement Status: Under Negotiation				
Status of interconnection facilities and upgrades:	Transmission interconnection has been withdrawn from CAISO Queue. Current			
application submitted for 4.8 MW connection to PG&E distribution.				

OTHER NOTES:									

Potrero Hills Landfill

Provided by Pacific Gas and Electric Company to the CPUC on 8/23/2010

Rice Solar (Solar Reserve)

PROJECT DESCRIPTION:

Location: Rice (Rice Airfield), Riverside County, CA	Technology: Solar Thermal
Contract Capacity (MW): 150	Annual Generation (GWh/yr Max): 448.5
Levelized Post-TOD Price (\$/MWh): 188.32	PG&E Log Number: 33R097
Advice Letter #: 3581-E	Advice Letter Approval Status: Approved

SCHEDULE:

Contract Execution Date: 11/23/2009	Contract Length (Years): 25
Guaranteed Construction Start Date: 9/1/2011	Guaranteed Commercial Operation Date: 10/1/2013

PERMITTING:

Lead Agency: California Energy Commission (CEC)	
Local/State Agencies: California Energy Commission (CEC);	Federal Agencies: Bureau of Land Management (BLM); US
Mojave Desert Air Quality Management District (MDAQMD)	Fish and Wildlife Service (USFWS)
Local/State Details: The Application for Certification was filed on	Federal Details: SF299 Right of Way Grant Application was
10/21/2009 and was deemed data adequate on 12/2/2009. A draft	filed on 7/29/2009. Plan of Development was deemed complete
Environmental Impact Statement ("EIS") is expected to be released on July 21, 2010, with a 90-day public review period. Evidentiary	on 2/9/2010.
hearing is expected in September 2010 and a final decision by CEC	Section 7 consultation activities were initiated with USFWS in
by before the end of 2010. We will find out about the draft EIS in the August monthly report.	April 2010. Anticipate that the Biological Assessment will be
the Adgust Monthly report	submited to the USFWS in July 2010 (we will ask for confirmation on whether this occurred during our August 2010
Authority to Construct permit application was made October 2009.	teleconference), with the Biological Opinion issued
Preliminary Determination of Compliance was issued June 11, 2010	approximately 135 days later.
with a Final Determination of Compliance expected by September 2010.	

TRANSMISSION:

Interconnection Agreement Status: Under Negotiation. Expected Q2 2011

Status of interconnection facilities and upgrades: Phase 2 studies underway. CAISO LGIP Transition Cluster. Interconnection is at proposed Midpoint substation. Counterparty incorporated interconnection facilities into Application for Certification. SCE has applied for a CPCN for the substation, which will provide sufficient capacity for the facility to become fully deliverable.

OTHER NOTES:

Rice Solar (Solar Reserve)

Provided by Pacific Gas and Electric Company to the CPUC on 8/23/2010

Sand Drag Solar Farm (Eurus)

PROJECT DESCRIPTION:

Location: Avenal, Kings County, CA	Technology: Solar PV
Contract Capacity (MW): 19	Annual Generation (GWh/yr Max): 32.9
Levelized Post-TOD Price (\$/MWh): 240.51	PG&E Log Number: 33R125
Advice Letter #: 3610-E	Advice Letter Approval Status: Approved

SCHEDULE:

Contract Execution Date: 12/24/2009	Contract Length (Years): 20
Guaranteed Construction Start Date: 11/30/2010	Guaranteed Commercial Operation Date: 5/29/2011

PERMITTING:

Lead Agency: Kings County	
Local/State Agencies: Kings County	Federal Agencies: None
Local/State Details: All major permits have been received.	Federal Details: None

TRANSMISSION:

Interconnection Agreement Status: Executed

Status of interconnection facilities and upgrades: FERC SGIP studies complete. IA negotiations under PG&E WDT process. Project is connected to a non-CAISO controlled facility.

OTHER NOTES:

Sand Drag Solar Farm (Eurus)

Provided by Pacific Gas and Electric Company to the CPUC on 8/23/2010

Shiloh III Wind Project

PROJECT DESCRIPTION:

Location: Rio Vista, Solano County, CA	Technology: Wind
Contract Capacity (MW): 60	Annual Generation (GWh/yr): 204.6
Levelized Post-TOD Price (\$/MWh): TBD	PG&E Log Number: 33R145
Advice Letter #: TBD	Advice Letter Approval Status: Not yet submitted

SCHEDULE:

Contract Execution Date: 7/27/2010	Contract Length (Years): 20
Guaranteed Construction Start Date: 7/1/2011	Guaranteed Commercial Operation Date: 5/31/2012

PERMITTING:

Lead Agency: Solano County	
Local/State Agencies: Solano County; California Department	Federal Agencies: US Fish and Wildlife Service
of Fish and Game (CDFG)	
Local/State Details: Conditional Use Permit required from	Federal Details: An ESA Incidental Take Permit is required
Solano County. The Draft Environmental Impact Report	from USFWS for the California Tiger Salamander Habitat
(DEIR) was issued on 6/11/2010 and the 45-day public	Conservation Plan and is expected during Q1 2011.
comment period closed on 7/26/2010. The EIR is expected to	
be final during Q3 2010 with CUP approval by the Board of	
Supervisors expected during Q4 2010. An Incidental Take	
Permit for the California Tiger Salamander is required from	
CDFG and is expected during Q1 2011.	

TRANSMISSION:

Interconnection Agreement Status: TBD

Status of interconnection facilities and upgrades: All major transmission upgrades were completed during the upgrade process for Shiloh II. Project needs a short Gen-tie that has not been started.

OTHER NOTES:

Contract Quantity – included here are the guaranteed capacity and generation amounts listed in the PPA. Shiloh III has an option to add incremental capacity of up to 40 MW, to bring the total capacity to 100 MW.

Shiloh III Wind Project

Provided by Pacific Gas and Electric Company to the CPUC on 8/23/2010

Solar Partners XV (project Name TBD) (BrightSource 5)

PROJECT DESCRIPTION:

Location: TBD (Broadwell Lake site abandoned 9/2009)	Technology: Solar Thermal
Contract Capacity (MW): 200	Annual Generation (GWh/yr Max): 573
Levelized Post-TOD Price (\$/MWh): 157.89	PG&E Log Number: 33R067
Advice Letter #: 3459-E	Advice Letter Approval Status: Approved

SCHEDULE:

Contract Execution Date: 4/28/2009	Contract Length (Years): 25
Guaranteed Construction Start Date: 7/1/2014	Guaranteed Commercial Operation Date: 7/1/2015

PERMITTING:

111101	
Lead Agency: TBD	
Local/State Agencies: TBD	Federal Agencies: None
Local/State Details: Key Issue: Land Use. Mother Road issue forced abandonment of Broadwell Lake site, so there is no longer site control. Sites are being considered in California, Arizona, and Nevada.	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: Not started
Status of interconnection facilities and upgrades: TBD

OTHER NOTES:

Potential amendment to extend option to terminate in the event the project is a non-CAISO project.

Solar Partners XV (project Name TBD) (BrightSource 5)

Provided by Pacific Gas and Electric Company to the CPUC on 8/23/2010

Solar Partners XXII (project Name TBD) (BrightSource 6)

PROJECT DESCRIPTION:

Location: TBD (Broadwell Lake site abandoned 9/2009)	Technology: Solar Thermal
Contract Capacity (MW): 200	Annual Generation (GWh/yr Max): 573
Levelized Post-TOD Price (\$/MWh): 162.71	PG&E Log Number: 33R068
Advice Letter #: 3459-E	Advice Letter Approval Status: Approved

SCHEDULE:

Contract Execution Date: 4/28/2009	Contract Length (Years): 25
Guaranteed Construction Start Date: 12/1/2015	Guaranteed Commercial Operation Date: 12/1/2016

PERMITTING:

111101	
Lead Agency: TBD	
Local/State Agencies: TBD	Federal Agencies: None
Local/State Details: Key Issue: Land Use. Mother Road issue forced abandonment of Broadwell Lake site, so there is no longer site control. Sites are being considered in California, Arizona, and Nevada.	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: Not started	
Status of interconnection facilities and upgrades:	TBD

OTHER NOTES:

Potential amendment to extend option to terminate in the event the project is a non-CAISO project.

Solar Partners XXII (project Name TBD) (BrightSource 6)

Provided by Pacific Gas and Electric Company to the CPUC on 8/23/2010

Solar Partners XXIII (Project Name TBD) (BrightSource 7)

PROJECT DESCRIPTION:

Location: TBD (Broadwell Lake site abandoned 9/2009)	Technology: Solar Thermal
Contract Capacity (MW): 200	Annual Generation (GWh/yr Max): 573
Levelized Post-TOD Price (\$/MWh): 167.75	PG&E Log Number: 33R069
Advice Letter #: 3459-E	Advice Letter Approval Status: Approved

SCHEDULE:

Contract Execution Date: 4/28/2009	Contract Length (Years): 25
Guaranteed Construction Start Date: 7/1/2016	Guaranteed Commercial Operation Date: 7/1/2017

PERMITTING:

111101	
Lead Agency: TBD	
Local/State Agencies: TBD	Federal Agencies: None
Local/State Details: Key Issue: Land Use. Mother Road issue forced abandonment of Broadwell Lake site, so there is no longer site control. Sites are being considered in California, Arizona, and Nevada.	Federal Details: None

TRANSMISSION:

Interconnection Agreement Status: Not started	
Status of interconnection facilities and upgrades: TBD	

OTHER NOTES:

Potential amendment to extend option to terminate in the event the project is a non-CAISO project.

Solar Partners XXIII (Project Name TBD) (BrightSource 7)

Solaren

PROJECT DESCRIPTION:

Location: Cantua Creek, Fresno County, CA	Technology: Space Solar
Contract Capacity (MW): 200	Annual Generation (GWh/yr Max): 1700
Levelized Post-TOD Price (\$/MWh): 134.91	PG&E Log Number: 33R062
Advice Letter #: 3449-E	Advice Letter Approval Status: Conditionally Approved

SCHEDULE:

Contract Execution Date: 3/23/2009	Contract Length (Years): 15
Guaranteed Construction Start Date: 10/1/2013	Guaranteed Commercial Operation Date: 6/1/2016

PERMITTING:

111101	
Lead Agency: TBD - California Energy Commission (CEC)	
evaluating jurisdiction	
Local/State Agencies: California Energy Commission (CEC),	Federal Agencies: Federal Aviation Administration, Federal
Fresno County	Communication Commission
Local/State Details: Permits not yet filed, but expect	Federal Details: No permits filed
significant issues due to technology. CEC precertified Solaren	
as a renewable resource on 04/26/2010.	

TRANSMISSION:

Interconnection Agreement Status: Not started	
Status of interconnection facilities and upgrades:	TBD

OTHER NOTES:

Solaren

Provided by Pacific Gas and Electric Company to the CPUC on 8/23/2010

Solel (USS-MSP-1, LLC)

PROJECT DESCRIPTION:

Location: Mojave, CA	Technology: Solar Thermal
Contract Capacity (MW): 553	Annual Generation (GWh/yr Max): 1388
Levelized Post-TOD Price (\$/MWh): 103.4	PG&E Log Number: 33R025
Advice Letter #: 3092-E / 3092-E-A	Advice Letter Approval Status: Approved

SCHEDULE:

Contract Execution Date: 6/28/2007	Contract Length (Years): 25	
Guaranteed Construction Start Date: 12/31/2010	Guaranteed Commercial Operation Date: 1/1/2012	

PERMITTING:

Lead Agency: Bureau of Land Management	
Local/State Agencies: California Energy Commission (CEC), CA Dept. of Fish and Game, San Bernardino County, Mojave Desert Air Quality Management District	Federal Agencies: Bureau of Land Management (BLM), US Army Corps of Engineers
Local/State Details: Key Issue: Siting. Changing sites several times has delayed permitting. In addition, until there is a decision regarding the proposed Mojave Trails National Monument (which would include part of the Stedman site), Solel has put further permitting work on hold. PG&E has requested information regarding viability of 12/2010 Guaranteed Construction Start Date. Solel responded that it is pursuing an alternate site that may be further along in the permitting process, but has not provided any information on any alternate sites thus far.	Federal Details: Withdrew BLM application at Stedman site because Mohave Trails National Monument ("Mother Road") makes site not viable.

TRANSMISSION:

Interconnection Agreement Status: Not started	
Status of interconnection facilities and upgrades:	TBD

OTHER NOTES:

The Solel project was sold to US Solar in October 2009. The project site has been abandoned, and Solel failed to meet its 7/1/2010 deadline to have obtained construction permits.

Solel (USS-MSP-1, LLC)

SPS Alpaugh (Samsung; ENCO)

PROJECT DESCRIPTION:

Location: Alpaugh, Tulare County, CA	Technology: Solar PV
Contract Capacity (MW): 50	Annual Generation (GWh/yr Max): 84
Levelized Post-TOD Price (\$/MWh): 172.3	PG&E Log Number: 33R118
Advice Letter #: 3613-E	Advice Letter Approval Status: Pending

SCHEDULE:

Contract Execution Date: 12/22/2009	Contract Length (Years): 25
Guaranteed Construction Start Date: 10/1/2012	Guaranteed Commercial Operation Date: 2/1/2013

PERMITTING:

111101	
Lead Agency: Tulare County	
Local/State Agencies: Tulare County	Federal Agencies: None
Local/State Details: Conditional Use Permit application was	Federal Details: N/A
filed with the county on 4/6/2010.	

TRANSMISSION:

Interconnection Agreement Status: Under Negotiation	
Status of interconnection facilities and upgrades: Pending Phase II Cluster Study result	

OTHER NOTES:

Project will use thin film PV, which decreases the generation to 84 GWh per year.

SPS Alpaugh (Samsung; ENCO)

SPS Alpaugh North

PROJECT DESCRIPTION:

Location: Alpaugh, Tulare County, CA	Technology: Solar PV
Contract Capacity (MW): 20	Annual Generation (GWh/yr Max): 33
Levelized Post-TOD Price (\$/MWh): 172.25	PG&E Log Number: 33R119
Advice Letter #: 3613-E	Advice Letter Approval Status: Pending

SCHEDULE:

Contract Execution Date: 1/26/2010	Contract Length (Years): 25
Guaranteed Construction Start Date: 8/1/2012	Guaranteed Commercial Operation Date: 11/1/2012

PERMITTING:

111101	
Lead Agency: Tulare County	
Local/State Agencies: Tulare County	Federal Agencies: None
Local/State Details: Conditional Use Permit application was	Federal Details: N/A
filed with the county on 4/6/2010.	

TRANSMISSION:

Interconnection Agreement Status: Complete	
Status of interconnection facilities and upgrades:	Interconnection Agreement was executed on May 24, 2010.

OTHER	NOTES:			

SPS Alpaugh North

SPS Atwell Island

PROJECT DESCRIPTION:

Location: Alpaugh, Tulare County, CA	Technology: Solar PV
Contract Capacity (MW): 20	Annual Generation (GWh/yr Max): 33
Levelized Post-TOD Price (\$/MWh): 172.35	PG&E Log Number: 33R120
Advice Letter #: 3613-E	Advice Letter Approval Status: Pending

SCHEDULE:

Contract Execution Date: 1/26/2010	Contract Length (Years): 25		
Guaranteed Construction Start Date: 3/1/2012	Guaranteed Commercial Operation Date: 6/1/2012		

PERMITTING:

Federal Agencies: None
Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: Under Negotiation				
. •	PG&E is working with the CAISO to allow for a deliverability study to be conducted			
for this contract.				

OTHER	NOTES:					

SPS Atwell Island

SPS Corcoran

PROJECT DESCRIPTION:

Location: Corcoran, King County County, CA	Technology: Solar PV		
Contract Capacity (MW): 20	Annual Generation (GWh/yr Max): 33		
Levelized Post-TOD Price (\$/MWh): 172.24	PG&E Log Number: 33R121		
Advice Letter #: 3613-E	Advice Letter Approval Status: Pending		

SCHEDULE:

Contract Execution Date: 1/26/2010	Contract Length (Years): 25
Guaranteed Construction Start Date: 7/1/2012	Guaranteed Commercial Operation Date: 10/1/2012

PERMITTING:

Lead Agency: Kings County	
Local/State Agencies: Kings County	Federal Agencies: N/A
Local/State Details: Conditional Use Permit application was filed with the county on 6/8/2010.	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: In progress				
Status of interconnection facilities and upgrades:	Facilities studies complete.			

OTHER NOTES:

SPS Corcoran

SPS White River

PROJECT DESCRIPTION:

Location: Alpaugh, Tulare County, CA	Technology: Solar PV
Contract Capacity (MW): 20	Annual Generation (GWh/yr Max): 33
Levelized Post-TOD Price (\$/MWh): 172.32	PG&E Log Number: 33R122
Advice Letter #: 3613-E	Advice Letter Approval Status: Pending

SCHEDULE:

Contract Execution Date: 1/26/2010	Contract Length (Years): 25		
Guaranteed Construction Start Date: 3/1/2012	Guaranteed Commercial Operation Date: 7/1/2012		

PERMITTING:

Lead Agency: Tulare County	
Local/State Agencies: Tulare County	Federal Agencies: None
Local/State Details: Conditional Use Permit application was filed with the county on 4/19/2010.	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: In progress	
Status of interconnection facilities and upgrades: Facilities study complete.	

OTHER	NOTES:					

SPS White River

Sun City Project Solar Farm (Eurus)

PROJECT DESCRIPTION:

Location: Avenal, Kings County, CA	Technology: Solar PV
Contract Capacity (MW): 20	Annual Generation (GWh/yr Max): 34.63
Levelized Post-TOD Price (\$/MWh): 240.59	PG&E Log Number: 33R124
Advice Letter #: 3610-E	Advice Letter Approval Status: Approved

SCHEDULE:

Contract Execution Date: 12/24/2009	Contract Length (Years): 20
Guaranteed Construction Start Date: 11/30/2010	Guaranteed Commercial Operation Date: 5/29/2011

PERMITTING:

Lead Agency: Kings County	
Local/State Agencies: Kings County	Federal Agencies: None
Local/State Details: All major permits have been received.	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: Complete			
Status of interconnection facilities and upgrades:	FERC SGIP studies complete.	IA negotiations under PG&E WDT process.	Project is
connected to a non-CAISO controlled facility. tbd			

OTHER	NOTES:					

Sun City Project Solar Farm (Eurus)

Sunshine Gas

PROJECT DESCRIPTION:

Location: Sylmar, Los Angeles County, CA	Technology: Landfill Gas
Contract Capacity (MW): 20	Annual Generation (GWh/yr Max): 140
Levelized Post-TOD Price (\$/MWh): 129.00	PG&E Log Number: 33R132
Advice Letter #: 3623-E	Advice Letter Approval Status: Pending

SCHEDULE:

Contract Execution Date: 2/4/2010	Contract Length (Years): 20
Guaranteed Construction Start Date: 6/15/2013	Guaranteed Commercial Operation Date: 12/15/2014

PERMITTING:

Lead Agency: Los Angeles County	
Local/State Agencies: South Coast Air Pollution Quality Management District	Federal Agencies: None
Local/State Details: Project is in process of obtaining air permit. CEQA Initial Study was published on 11/18/2009. Continued review and preparation of the project's CEQA Supplemental Environmental Impact Report. DTE is still waiting for projected release in July by AQMD (pending SCE comments and input). Overall progress of obtaining the air permit is on track.	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: Under Negotiation		
Status of interconnection facilities and upgrades:	CAISO SGIP. Facilities studies are complete.	

OTHER NOTES:

Su	nsh	ine	Gas

Provided by Pacific Gas and Electric Company to the CPUC on 8/23/2010

Topaz Solar Farms (OptiSolar, Desert Topaz)

PROJECT DESCRIPTION:

Location: Santa Margarita, San Luis Obispo County, CA	Technology: Solar PV	
Contract Capacity (MW): 550	Annual Generation (GWh/yr Max): 1148	
Levelized Post-TOD Price (\$/MWh): 164.53	PG&E Log Number: 33R056	
Advice Letter #: 3313-E	Advice Letter Approval Status: Approved	

SCHEDULE:

Contract Execution Date: 7/1/2008	Contract Length (Years): 25
Guaranteed Construction Start Date: 12/31/2011	Guaranteed Commercial Operation Date: 6/30/2014

PERMITTING:

Lead Agency: San Luis Obispo County	
Local/State Agencies: San Luis Obispo County	Federal Agencies: US Army Corps of Engineers
Local/State Details: Key Issue: Wildlife Corridor. Conditional Use Permit Application filed July 2008, with revisions in June 2009. Preparation of draft Environmental Impact Report commenced in June 2009, and is expected to be released in Q4 2010. Potential for delay due to wildlife corridor issue (California Valley Solar Ranch jointly shares this issue). The CA Department of Fish and Game recently requested an additional study to determine if the project would impact the migration of golden eagles. This is a new request from Fish and Game, and can only be performed in April and May. First Solar is complying with the request, at significant additional cost. San Luis Obispo County is expected to release the Draft EIS by the end of 2010	

TRANSMISSION:

Interconnection Agreement Status: Executed – 150 MW, Under Negotiation and two 150 MW sites are executed.

Status of interconnection facilities and upgrades: LGIA executed for first 210 MW; LGIA being finalized for 190 MW on recently acquired Ausra site. The remaining 150 MW are in the CAISO transition cluster; Phase 2 studies are underway. All three are interconnecting into PG&E service territory.

OTHER NOTES:

Project has three phases each with a different Levelized Post-TOD Price: Ph1 – 164.63; Ph2 – 164.42 and Ph3 – 164.68.

Topaz Solar Farms (OptiSolar, Desert Topaz)

Provided by Pacific Gas and Electric Company to the CPUC on 8/23/2010

Vantage Wind Energy Center

PROJECT DESCRIPTION:

Location: Ellensburg, Kittitas County, WA	Technology: Wind	
Contract Capacity (MW): 90	Annual Generation (GWh/yr Max): 277	
Levelized Post-TOD Price (\$/MWh): 146.24	PG&E Log Number: 33R083	
Advice Letter #: 3525-E	Advice Letter Approval Status: Approved	

SCHEDULE:

Contract Execution Date: 8/17/2009	Contract Length (Years): 15
Guaranteed Construction Start Date: 6/1/2010	Guaranteed Commercial Operation Date: 1/1/2011

PERMITTING:

Lead Agency: Kittitas County		
Local/State Agencies: Kittitas County	Federal Agencies: Federal Aviation Administration	
Local/State Details: Major permitting work is complete.	Federal Details: Turbine locations were approved by Federal	
Development agreement with County approved in March 2008.	Aviation Administration in March 2009.	
County approved construction permit in October 2008.		

TRANSMISSION:

Interconnection Agreement Status: Signed

Status of interconnection facilities and upgrades: PSE has minor communications upgrades to perform at their existing Wind Ridge Substation. Vantage has begun construction of the substation. Engineering and grading for the new 3.2 mile 230kV transmission line and switchyard has also begun.

OTHER NOTES:

Facility is under construction and on schedule.

Vantage Wind Energy Center

Vintage Dairy (Vintage Dairy)

PROJECT DESCRIPTION:

Location: Riverdale, CA	Technology: Digester Gas	
Contract Capacity (MW): N/A	Annual Generation (GWh/yr Max): 0	
Levelized Post-TOD Price (\$/MWh): N/A	PG&E Log Number: M-R-7013	
Advice Letter #: 2979-E	Advice Letter Approval Status: Approved	

SCHEDULE:

Contract Execution Date: 12/11/2006	Contract Length (Years): 10
Guaranteed Construction Start Date: N/A	Guaranteed Commercial Operation Date: N/A

PERMITTING:

Lead Agency: N/A	
Local/State Agencies: N/A	Federal Agencies: None
Local/State Details: N/A	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: N/A	
Status of interconnection facilities and upgrades: N/A	

OTHER NOTES:

Vintage Dairy is not currently delivering any biogas.

Vintage Dairy (Vintage Dairy)