

Agua Caliente

PROJECT DESCRIPTION:

Location: Roll, Yuma County, AZ	Technology: Solar PV
Contract Capacity (MW): 290	Annual Generation (GWh/yr): 647.9
Levelized Post-TOD Price (\$/MWh): \$ 174.44	PG&E Log Number: 33R084

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
Estimated/Actual Construction Start Date: 10/1/2010	Estimated/Actual Commercial Operation Date: 12/1/2012

PERMITTING:

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

TRANSMISSION:

Interconnection Agreement Status:
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. Located in APS area.

OTHER NOTES:

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<<PROJECT NAME>>

Alpine Suntower (NRG/eSolar)

PROJECT DESCRIPTION:

Location: Lancaster, Los Angeles County, CA	Technology: Solar PV
Contract Capacity (MW): 46	Annual Generation (GWh/yr): 193
Levelized Post-TOD Price (\$/MWh): \$ 145.95	PG&E Log Number: 33R078

SCHEDULE:

Contract Execution Date: 5/27/2009	Contract Length (Years): 20
Guaranteed Construction Start Date: 1/31/2011	Guaranteed Commercial Operation Date: 3/1/2012
Estimated/Actual Construction Start Date: 1/31/2011	Estimated/Actual Commercial Operation Date: 3/1/2012

PERMITTING:

Lead Agency: California Energy Commission (CEC)	
Local/State Agencies: California Energy Commission (CEC)	Federal Agencies: None expected
Local/State Details: Permits not yet filed. Due to lack of water source, project is switching to photovoltaic (PV). Counterparty is seeking a renegotiated contract with PG&E.	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:

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<<PROJECT NAME>>

AV Solar Ranch 1 (Antelope Valley)

PROJECT DESCRIPTION:

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

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
Estimated/Actual Construction Start Date: 10/1/2010	Estimated/Actual Commercial Operation Date: 9/1/2011

PERMITTING:

Lead Agency: Los Angeles County	
Local/State Agencies: LA County Department of Regional Planning	Federal Agencies: None
Local/State Details: Los Angeles County is leading Conditional Use Permit process, which is underway. A draft EIR is expected to be released in early June 2010. The CUP is expected in August 2010.	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 to SCE's Whirlwind substation (Segment 4 of Tehachapi Renewable Transmission Project (TRTP)), part of SCE service territory. This is the critical path item.

OTHER NOTES:

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<<PROJECT NAME>>

Avenal Park Pv Solar Farm (Eurus)

PROJECT DESCRIPTION:

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

SCHEDULE:

Contract Execution Date: 12/24/2009	Contract Length (Years): 20
Guaranteed Construction Start Date: 1/24/2011	Guaranteed Commercial Operation Date: 7/24/2011
Estimated/Actual Construction Start Date: 6/30/2010	Estimated/Actual Commercial Operation Date: 12/31/2010

PERMITTING:

Lead Agency: Kings County	
Local/State Agencies: Kings County	Federal Agencies: None
Local/State Details: Conditional use permit application has been submitted and deemed complete by Kings County. Eurus reports modifications to CUP application requiring resubmital. Latest version to be submitted no later than June 2010. Despite resubmital, the permitting timeline remains on track with final approval expected in November 2010.	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: Under Negotiation - Expected Q2 2010
Status of interconnection facilities and upgrades: FERC SGIP studies complete. IA negotiations will be under PG&E WDT process. Project is connected to a non-CAISO controlled facility.

OTHER NOTES:

<<PROJECT NAME>>

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

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
Estimated/Actual Construction Start Date:	Estimated/Actual Commercial Operation Date:

PERMITTING:

Lead Agency: Alberta Utilities Commission (AUC)	
Local/State Agencies: TBD	Federal Agencies: TBD
Local/State Details: Project is in very early stages and has not filed for their Permit to Construct with AUC.	Federal Details: TBD

TRANSMISSION:

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

OTHER NOTES:

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<<PROJECT NAME>>

Blackspring Wind 1B (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: 33R137

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
Estimated/Actual Construction Start Date:	Estimated/Actual Commercial Operation Date:

PERMITTING:

Lead Agency: Alberta Utilities Commission (AUC)	
Local/State Agencies: TBD	Federal Agencies: TBD
Local/State Details: Project is in very early stages and has not filed for their Permit to Construct with AUC.	Federal Details: TBD

TRANSMISSION:

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

OTHER NOTES:

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<<PROJECT NAME>>

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): 250	Annual Generation (GWh/yr): 594
Levelized Post-TOD Price (\$/MWh): \$ 141.83	PG&E Log Number: 33R052

SCHEDULE:

Contract Execution Date: 7/23/2008	Contract Length (Years): 27
Guaranteed Construction Start Date: 12/26/2010	Guaranteed Commercial Operation Date: 12/26/2013
Estimated/Actual Construction Start Date: 1/1/2011	Estimated/Actual Commercial Operation Date: 12/31/2011

PERMITTING:

Lead Agency: San Luis Obispo County	
Local/State Agencies: San Luis Obispo County, CA Dept. of Fish and Game	Federal Agencies: US Fish and Wildlife Service (USFWS), US 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. Key Species: San Joaquin kit fox and Giant Kangaroo Rat. May 2010 - CA Department of Fish and Game still need to determine size and location of mitigation land to support the Biological Assessment to be filed with the US Army Corps of Engineers and the US Fish and Wildlife Service Section 7 Consultation.	Federal Details: 5/4/10 - Meeting with US Fish and Wildlife and California Department of Fish and Game in Sacramento to review draft biological assessment. Next meeting 6/3/10 in Fresno. USFWS Section 7 Consultation Biological Opinion and Incidental Take Permit expected to be issued 7/6/2010.

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 PG&E's Morro Bay-Midway 230 kV transmission line in PG&E service territory.

OTHER NOTES:

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<<PROJECT NAME>>

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, CA	Technology: Solar PV
Contract Capacity (MW): 40	Annual Generation (GWh/yr): 112
Levelized Post-TOD Price (\$/MWh): \$ 152.62	PG&E Log Number: 33R088

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
Estimated/Actual Construction Start Date: 1/1/2012	Estimated/Actual Commercial Operation Date: 12/31/2012

PERMITTING:

Lead Agency: San Luis Obispo County	
Local/State Agencies: San Luis Obispo County, California Dept. of Fish and Game	Federal Agencies: US Fish and Wildlife Service (USFWS), US 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. Key Species: San Joaquin kit fox and Giant Kangaroo Rat. May 2010 - CA Department of Fish and Game still need to determine size and location of mitigation land to support the Biological Assessment to be filed with the US Army Corps of Engineers and the US Fish and Wildlife Service Section 7 Consultation.	Federal Details: 5/4/10 - Meeting with US Fish and Wildlife and California Department of Fish and Game in Sacramento to review draft biological assessment. Next meeting 6/3/10 in Fresno. USFWS Section 7 Consultation Biological Opinion and Incidental Take Permit expected to be issued 7/6/2010.

TRANSMISSION:

Interconnection Agreement Status:
Status of interconnection facilities and upgrades:

OTHER NOTES:

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<<PROJECT NAME>>

Calrenew -1, LLC (Cleantech)

PROJECT DESCRIPTION:

Location: Mendota, Fresno County, CA	Technology: Solar PV
Contract Capacity (MW): 5	Annual Generation (GWh/yr): 9
Levelized Post-TOD Price (\$/MWh): \$ 210.24	PG&E Log Number: 33R032

SCHEDULE:

Contract Execution Date: 6/25/2007	Contract Length (Years): 20
Guaranteed Construction Start Date: 11/1/2009	Guaranteed Commercial Operation Date: 4/30/2010
Estimated/Actual Construction Start Date: 8/10/2009	Estimated/Actual Commercial Operation Date: 4/30/2010

PERMITTING:

Lead Agency: City of Mendota	
Local/State Agencies: City of Mendota, San Joaquin Regional Water Quality Control Board	Federal Agencies: None
Local/State Details: Project has achieved commercial operation as of 4/30/2010.	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: Executed
Status of interconnection facilities and upgrades: Complete

OTHER NOTES:

Project has gone commercial.

<<PROJECT NAME>>

Copper Mountain Solar 1

PROJECT DESCRIPTION:

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

SCHEDULE:

Contract Execution Date: 6/22/2009	Contract Length (Years): 20
Guaranteed Construction Start Date: 2/20/2010	Guaranteed Commercial Operation Date: 7/20/2011
Estimated/Actual Construction Start Date: 1/22/2010	Estimated/Actual Commercial Operation Date: 5/31/2011

PERMITTING:

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

TRANSMISSION:

Interconnection Agreement Status: Executed
Status of interconnection facilities and upgrades: LGIA executed. Interconnection complete. Project is ready to deliver. Nevada Energy service territory.

OTHER NOTES:

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<<PROJECT NAME>>

Coyote Springs #1 (BrightSource 3)

PROJECT DESCRIPTION:

Location: Coyote Springs , CA	Technology: Solar Thermal
Contract Capacity (MW): 200	Annual Generation (GWh/yr): 572.9
Levelized Post-TOD Price (\$/MWh): \$ 153.28	PG&E Log Number: 33R065

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
Estimated/Actual Construction Start Date: 7/1/2013	Estimated/Actual Commercial Operation Date: 7/1/2014

PERMITTING:

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

TRANSMISSION:

Interconnection Agreement Status: Phase 1 studies underway.
Status of interconnection facilities and upgrades: Project is physically located in Nevada. However, developer has initiated a study request in the CAISO LGIP to reserve the ability to complete a deliverability study in advance of GCOD.

OTHER NOTES:

Potential amendment to address structure for an out-of-state project.

<<PROJECT NAME>>

Coyote Springs #2 (BrightSource 4)

PROJECT DESCRIPTION:

Location: Coyote Springs , CA	Technology: Solar Thermal
Contract Capacity (MW): 200	Annual Generation (GWh/yr): 572.9
Levelized Post-TOD Price (\$/MWh): \$ 157.88	PG&E Log Number: 33R066

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
Estimated/Actual Construction Start Date: 7/1/2014	Estimated/Actual Commercial Operation Date: 7/1/2015

PERMITTING:

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

TRANSMISSION:

Interconnection Agreement Status: Phase 1 studies underway.
Status of interconnection facilities and upgrades: Project is physically located in Nevada. However, developer has initiated a study request in the CAISO LGIP to reserve the ability to complete a deliverability study in advance of GCOD.

OTHER NOTES:

Potential amendment to address structure for an out-of-state project.

<<PROJECT NAME>>

Desert Sunlight

PROJECT DESCRIPTION:

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

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
Estimated/Actual Construction Start Date:	Estimated/Actual Commercial Operation Date:

PERMITTING:

Lead Agency: Bureau of Land Management	
Local/State Agencies: CPUC	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 application to the BLM in November 2006. A Plan of Development (POD) was submitted to the BLM in April 2007 with updates October 2008 and December 2009 to reflect changes and updates in project footprint and design. Seller submitted an updated Project Description for the POD in March, 2010. The BLM has selected a consultant to prepare the Project's Environmental Impact Statement (EIS). A draft EIS is expected to be published mid 2010.

TRANSMISSION:

Interconnection Agreement Status: Executed
Status of interconnection facilities and upgrades: Serial Studies Complete. Interconnection to the proposed Red Bluff Substation in SCE service territory. CEQA review underway.

OTHER NOTES:

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<<PROJECT NAME>>

Confidential Commercially Sensitive Information
 Provided by Pacific Gas and Electric Company to the CPUC on 6/23/2010

DTE Stockton (POSDEF)

PROJECT DESCRIPTION:

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

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
Estimated/Actual Construction Start Date: 10/1/2011	Estimated/Actual Commercial Operation Date: 6/30/2013

PERMITTING:

Lead Agency: Port of Stockton	
Local/State Agencies: Port of Stockton	Federal Agencies: Environmental Protection Agency (EPA)
<p>Local/State Details: 3/19/2010 - Air Permit application submitted to San Joaquin County Unified Air Pollution Control District.</p> <p>Obtaining a Conditional Use Permit will not be necessary under Port of Stockton re-zoning rules.</p> <p>4/14/2010 - San Joaquin County Unified Air Pollution Control District determines DTE air permit application is incomplete. DTE is working with county officials to correct application.</p> <p>5/11/2010 - San Joaquin County Unified Air Pollution Control District has determined the DTE air permit application to be complete. A draft decision will be released within 180 days.</p>	Federal Details: No major activity. Developer is in process of preparing permit materials.

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:

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<<PROJECT NAME>>

FPL Montezuma Wind (Amended And Restated)

PROJECT DESCRIPTION:

Location: Birds Landing, Solano County, CA	Technology: Wind
Contract Capacity (MW): 36.79	Annual Generation (GWh/yr): 126
Levelized Post-TOD Price (\$/MWh): \$ 60.05	PG&E Log Number: 33R013-AR

SCHEDULE:

Contract Execution Date: 4/13/2010	Contract Length (Years): 25
Guaranteed Construction Start Date:	Guaranteed Commercial Operation Date: 12/31/2010
Estimated/Actual Construction Start Date:	Estimated/Actual Commercial Operation Date:

PERMITTING:

Lead Agency: Solano County	
Local/State Agencies: Solano County	Federal Agencies: Federal Aviation Administration
Local/State Details: Conditional Use and Land Use Permits obtained from by Solano County. Construction is expected to commence in June 2010.	Federal Details: Travis Air Force Base has lifted its objections to the project.

TRANSMISSION:

Interconnection Agreement Status: Executed
Status of interconnection facilities and upgrades: LGIA executed. Network upgrades were completed in 12/2009. PG&E service territory.

OTHER NOTES:

Amended further to reduce price and extend COD.

<<PROJECT NAME>>

Confidential Commercially Sensitive Information
Provided by Pacific Gas and Electric Company to the CPUC on 6/23/2010

Genesis Solar

PROJECT DESCRIPTION:

Location: Blythe, Riverside County, CA	Technology: Solar Thermal
Contract Capacity (MW): 250	Annual Generation (GWh/yr): 560
Levelized Post-TOD Price (\$/MWh): \$ 220.17	PG&E Log Number: 33R090

SCHEDULE:

Contract Execution Date: 9/28/2009	Contract Length (Years): 25
Guaranteed Construction Start Date: 11/1/2011	Guaranteed Commercial Operation Date: 11/1/2013
Estimated/Actual Construction Start Date:	Estimated/Actual Commercial Operation Date: 11/30/2013

PERMITTING:

Lead Agency: California Energy Commission (CEC)	
Local/State Agencies: California Energy Commission; Riverside County	Federal Agencies: Bureau of Land Management, US Environmental Protection Agency
Local/State Details: Site Control - In process of securing BLM lease. August 2009 - Application for Certification (AFC) filed at CEC. Potential problem for AFC process due to issue of wet vs. dry cooling (Genesis applied for wet cooling). 6/1/2010 - This issue has not yet been resolved.	Federal Details: Have applied for Right of Way Grant on Federal Lands.

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 potential price reduction associated with project delays, dry cooling configuration and a DOE loan guarantee. To be filed as a supplemental Advice Letter.
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<<PROJECT NAME>>

GreenVolts

PROJECT DESCRIPTION:

Location: Byron , CA	Technology: Solar PV
Contract Capacity (MW): 2	Annual Generation (GWh/yr): 5
Levelized Post-TOD Price (\$/MWh): \$ 223.99	PG&E Log Number: 33R031

SCHEDULE:

Contract Execution Date: 6/25/2007	Contract Length (Years): 20
Guaranteed Construction Start Date: 7/1/2008	Guaranteed Commercial Operation Date: 9/1/2008
Estimated/Actual Construction Start Date: 8/11/2008	Estimated/Actual Commercial Operation Date: 12/31/2011

PERMITTING:

Lead Agency: Alameda County	
Local/State Agencies: Alameda County	Federal Agencies: None
Local/State Details: Conditional Use Permit: Complete as of 07/17/2008. An amendment to the permit is necessary and under development due to tracker design changes. Developer has met with the county and no issues are anticipated with the CUP.	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: Executed
Status of interconnection facilities and upgrades: TBD

OTHER NOTES:

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<<PROJECT NAME>>

Halkirk Wind (Greengate)

PROJECT DESCRIPTION:

Location: Stettler, Alberta, Canada	Technology: Wind
Contract Capacity (MW): 149	Annual Generation (GWh/yr): 484
Levelized Post-TOD Price (\$/MWh): \$ 118.36	PG&E Log Number: 33R135

SCHEDULE:

Contract Execution Date: 2/19/2010	Contract Length (Years): 20
Guaranteed Construction Start Date: 7/30/2011	Guaranteed Commercial Operation Date: 12/31/2011
Estimated/Actual Construction Start Date:	Estimated/Actual Commercial Operation Date:

PERMITTING:

Lead Agency: Alberta Utilities Commission	
Local/State Agencies: TBD	Federal Agencies: TBD
Local/State Details: Permit to Construct (PTC) received December 21, 2009. An 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: TBD

OTHER NOTES:

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<<PROJECT NAME>>

Hatchet Ridge Wind, LLC

PROJECT DESCRIPTION:

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

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
Estimated/Actual Construction Start Date: 6/25/2009	Estimated/Actual Commercial Operation Date: 12/31/2010

PERMITTING:

Lead Agency: Shasta County Dept of Resource Management	
Local/State Agencies: Shasta County, CA Central Coast Regional Water Quality Control Board, CA Dept. of Fish and Game - Streambed Alteration	Federal Agencies: Federal Aviation Administration
Local/State Details: Conditional Use Permit complete and project under construction. Shasta County Air Quality Management District recently requested that the 3 standby generators at the project obtain emission permits, which were submitted in March.	Federal Details: Complete - Determinations of No Hazard (DNH) for wind turbines and met towers.

TRANSMISSION:

Interconnection Agreement Status: Executed
Status of interconnection facilities and upgrades:

OTHER NOTES:

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<<PROJECT NAME>>

IAE Truckhaven (Truckhaven)

PROJECT DESCRIPTION:

Location: Truckhaven, Imperial County, CA	Technology: Geothermal
Contract Capacity (MW): 49	Annual Generation (GWh/yr): 366
Levelized Post-TOD Price (\$/MWh): \$ 69.96	PG&E Log Number: 33R023

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
Estimated/Actual Construction Start Date: 11/1/2011	Estimated/Actual 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: TBD
Status of interconnection facilities and upgrades: TBD – on hold until project resolves its BLM lease issues.

OTHER NOTES:

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<<PROJECT NAME>>

Ivanpah Solar Electric Generating Station #1 (BrightSource 1)

PROJECT DESCRIPTION:

Location: Ivanpah, San Bernidino County, CA	Technology: Solar Thermal
Contract Capacity (MW): 110	Annual Generation (GWh/yr): 284
Levelized Post-TOD Price (\$/MWh): \$ 143.66	PG&E Log Number: 33R063

SCHEDULE:

Contract Execution Date: 4/28/2009	Contract Length (Years): 25
Guaranteed Construction Start Date: 7/1/2011	Guaranteed Commercial Operation Date: 7/1/2012
Estimated/Actual Construction Start Date: 8/1/2010	Estimated/Actual Commercial Operation Date: 7/1/2012

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 and will become non-appealable on June 1, 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, which is followed by a 45 day comment period concluding June 1, 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:

An amendment is likely for a price increase.
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<<PROJECT NAME>>

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

PROJECT DESCRIPTION:

Location: Ivanpah, San Bernadino County, CA	Technology: Solar Thermal
Contract Capacity (MW): 200	Annual Generation (GWh/yr): 516
Levelized Post-TOD Price (\$/MWh): \$ 148.36	PG&E Log Number: 33R064

SCHEDULE:

Contract Execution Date: 4/28/2009	Contract Length (Years): 25
Guaranteed Construction Start Date: 7/1/2012	Guaranteed Commercial Operation Date: 7/1/2013
Estimated/Actual Construction Start Date: 8/1/2010	Estimated/Actual 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 and will become non-appealable on June 1, 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, which is followed by a 45 day comment period concluding June 1, 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:

An amendment is likely for a price increase.
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<<PROJECT NAME>>

Liberty V Biofuels (Liberty Biofuels)

PROJECT DESCRIPTION:

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

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
Estimated/Actual Construction Start Date: 5/15/2012	Estimated/Actual Commercial Operation Date: 5/15/2013

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. In March 2010, Liberty received the draft EIR for their review and comment. At that time, Kern County suggested that Liberty amend their existing CUP for their composting operation instead of pursuing an entirely new one. Liberty reviewed the situation and agreed with Kern County. Liberty expects the draft EIR to be issued in June 2010 with the final amended CUP still on track for issuance by October 2010. On May 21, 2010, Liberty filed their application for pre-certification as an eligible renewable resource with the California Energy Commission.	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: Executed.
Status of interconnection facilities and upgrades: TBD once Liberty receives their Conditional Use Permit.

OTHER NOTES:

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<<PROJECT NAME>>

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

PROJECT DESCRIPTION:

Location: Various, CA	Technology: Digester Gas
Contract Capacity (MW): Biogas	Annual Generation (GWh/yr): Biogas
Levelized Post-TOD Price (\$/MWh): \$	PG&E Log Number: M-R-7014

SCHEDULE:

Contract Execution Date: 2/23/2007	Contract Length (Years): 10
Guaranteed Construction Start Date:	Guaranteed Commercial Operation Date:
Estimated/Actual Construction Start Date:	Estimated/Actual Commercial Operation Date: 1/1/2011

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

OTHER NOTES:

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<<PROJECT NAME>>

Mojave Solar Project (Abengoa)

PROJECT DESCRIPTION:

Location: Harper Lake (Between Barstow and Kramer Junction), San Bernardino County, CA	Technology: Solar Thermal
Contract Capacity (MW): 250	Annual Generation (GWh/yr): 617
Levelized Post-TOD Price (\$/MWh): \$ 195.79	PG&E Log Number: 33R089

SCHEDULE:

Contract Execution Date: 10/22/2009	Contract Length (Years): 25
Guaranteed Construction Start Date: 12/31/2010	Guaranteed Commercial Operation Date: 12/31/2013
Estimated/Actual Construction Start Date: 12/31/2010	Estimated/Actual 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: 8/10/09 - Application for Certification (AFC) filed at CEC. 10/21/09 - AFC deemed data adequate. Potential delay for AFC process due to issue of wet vs. dry cooling (Mojave applied for wet cooling) and if the issue gets resolved in their favor. The current PPA price does not support dry cooling, so a revised price will need to be agreed upon if the CEC requires dry cooling.	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: Under negotiation. Expected Q2 0210
Status of interconnection facilities and upgrades: Serial studies complete. LGIA under negotiation. Proposed interconnection is the Kramer-Pigsah transmission line part of SCE service territory.

OTHER NOTES:

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<<PROJECT NAME>>

Confidential Commercially Sensitive Information
 Provided by Pacific Gas and Electric Company to the CPUC on 6/23/2010

Mt. Poso (RedHawk)

PROJECT DESCRIPTION:

Location: Bakersfield, Kern County, CA	Technology: Biomass
Contract Capacity (MW): 49.5	Annual Generation (GWh/yr): 328
Levelized Post-TOD Price (\$/MWh): \$ 141.11	PG&E Log Number: 33R082

SCHEDULE:

Contract Execution Date: 7/31/2009	Contract Length (Years): 15
Guaranteed Construction Start Date: 6/30/2010	Guaranteed Commercial Operation Date: 1/30/2012
Estimated/Actual Construction Start Date: 6/30/2010	Estimated/Actual Commercial Operation Date: 1/30/2012

PERMITTING:

Lead Agency: Kern County	
Local/State Agencies: Kern County, San Joaquin Valley Air Pollution Control District (SJVAPCD)	Federal Agencies: Environmental Protection Agency (EPA)
Local/State Details: The plant has obtained a Conditional Use Permit from Kern County. Applications have been submitted to the SJVAPCD to obtain Authority to Construct Permits for both combustor modifications and the addition of the biomass receiving and storage area.	<p>Federal Details: Prevention of Significant Deterioration (PSD) Permit has been requested from the EPA.</p> <p>The expanded biomass receiving and storage area may require the developer to purchase additional habitat to protect displaced endangered species. The developer is awaiting USFWS decision on whether mitigation measures will be necessary; however, the USFWS decision has been delayed and may not be available until later in Q2 2010 or even Q3. Mt. Poso reported that the USFWS continues to delay the EPA's ability to issue the permit for Prevention of Significant Deterioration. Mt. Poso views this dispute with USFWS as a significant threat to the project's ability to achieve their Guaranteed Commercial Operation Date.</p> <p>During the 5/21/2010 conference call, Mt. Poso achieved an initial resolution to the USFWS dispute regarding mitigation ratios. A final agreement between the parties should be executed by mid-July and sets mitigation levels at 1:1.1.</p>

TRANSMISSION:

Interconnection Agreement Status: Executed
Status of interconnection facilities and upgrades: Repower interconnection is complete.

OTHER NOTES:

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<<PROJECT NAME>>

Pacific Renewables Energy Generation (Lompoc)

PROJECT DESCRIPTION:

Location: Lompoc, Santa Barbara County, CA	Technology: Wind
Contract Capacity (MW): 83	Annual Generation (GWh/yr): 280
Levelized Post-TOD Price (\$/MWh): \$ 54.31	PG&E Log Number: 33R014

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
Estimated/Actual Construction Start Date: 1/1/2011	Estimated/Actual Commercial Operation Date: 12/31/2011

PERMITTING:

Lead Agency: Santa Barbara County	
Local/State Agencies: Regional Water Quality Control Board, CA Dept. of Fish and Game	Federal Agencies: US Army Corps of Engineers, Federal 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.	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: Executed
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:

Possible amendment

<<PROJECT NAME>>

Potrero Hills Landfill

PROJECT DESCRIPTION:

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

SCHEDULE:

Contract Execution Date: 2/2/2010	Contract Length (Years): 25
Guaranteed Construction Start Date: 12/15/2013	Guaranteed Commercial Operation Date: 6/15/2015
Estimated/Actual Construction Start Date: 12/1/2012	Estimated/Actual Commercial Operation Date: 6/1/2014

PERMITTING:

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

TRANSMISSION:

Interconnection Agreement Status: TBD
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:

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<<PROJECT NAME>>

Rice Solar (Solar Reserve)

PROJECT DESCRIPTION:

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

SCHEDULE:

Contract Execution Date: 11/23/2009	Contract Length (Years): 25
Guaranteed Construction Start Date: 8/1/2011	Guaranteed Commercial Operation Date: 10/1/2013
Estimated/Actual Construction Start Date: 8/1/2011	Estimated/Actual Commercial Operation Date: 10/1/2013

PERMITTING:

Lead Agency: California Energy Commission (CEC)	
Local/State Agencies: California Energy Commission (CEC); Mojave Desert Air Quality Management District (MDAQMD)	Federal Agencies: Bureau of Land Management (BLM); US Fish and Wildlife Service (USFWS)
Local/State Details: The Application for Certification was filed on 10/21/2009 and was deemed data adequate on 12/2/2009. A draft Environmental Impact Statement is expected to be released during June 2010. Authority to Construct permit application was made October 2009. Preliminary Determination of Compliance is expected during May 2010 with a Final Determination of Compliance by September 2010.	Federal Details: SF299 Right of Way Grant Application was filed on 7/29/2009. Plan of Development was deemed complete on 2/9/2010. Section 7 consultation activities were initiated with USFWS in April 2010. Anticipate that the Biological Assessment will be submitted to the USFWS in June 2010, with the Biological Opinion issues approximately 135 days later.

TRANSMISSION:

Interconnection Agreement Status: Phase 2 studies underway
Status of interconnection facilities and upgrades: 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:

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<<PROJECT NAME>>

Sand Drag Solar Farm (Eurus)

PROJECT DESCRIPTION:

Location: Avenal, Kings County, CA	Technology: Solar PV
Contract Capacity (MW): 19	Annual Generation (GWh/yr): 32.89
Levelized Post-TOD Price (\$/MWh): \$ 240.51	PG&E Log Number: 33R125

SCHEDULE:

Contract Execution Date: 12/24/2009	Contract Length (Years): 20
Guaranteed Construction Start Date: 6/30/2010	Guaranteed Commercial Operation Date: 12/31/2010
Estimated/Actual Construction Start Date: 6/30/2010	Estimated/Actual Commercial Operation Date: 12/31/2010

PERMITTING:

Lead Agency: Kings County	
Local/State Agencies: Kings County	Federal Agencies: None
Local/State Details: 3/15/2010 - Conditional Use Permit received from Kings County. 4/22/2010 - CEQA appeal period concluded resulting in issuance of Mitigated Negative Declaration by Kings County.	Federal Details: None

TRANSMISSION:

Interconnection Agreement Status: Under Negotiation - Expected Q2 2010
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:

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<<PROJECT NAME>>

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): 573
Levelized Post-TOD Price (\$/MWh): \$ 157.88	PG&E Log Number: 33R067

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
Estimated/Actual Construction Start Date: 7/1/2014	Estimated/Actual Commercial Operation Date: 7/1/2015

PERMITTING:

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: TBD
Status of interconnection facilities and upgrades: TBD

OTHER NOTES:

Potential amendment to address structure for an out-of-state project.

<<PROJECT NAME>>

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): 573
Levelized Post-TOD Price (\$/MWh): \$ 162.71	PG&E Log Number: 33R068

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
Estimated/Actual Construction Start Date: 12/1/2015	Estimated/Actual Commercial Operation Date: 12/1/2016

PERMITTING:

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: TBD
Status of interconnection facilities and upgrades: TBD

OTHER NOTES:

Potential amendment to address structure for an out-of-state project.

<<PROJECT NAME>>

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): 573
Levelized Post-TOD Price (\$/MWh): \$ 167.75	PG&E Log Number: 33R069

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
Estimated/Actual Construction Start Date: 7/1/2016	Estimated/Actual Commercial Operation Date: 7/1/2017

PERMITTING:

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: TBD
Status of interconnection facilities and upgrades: TBD

OTHER NOTES:

Potential amendment to address structure for an out-of-state project.

<<PROJECT NAME>>

Confidential Commercially Sensitive Information
Provided by Pacific Gas and Electric Company to the CPUC on 6/23/2010

Solaren

PROJECT DESCRIPTION:

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

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
Estimated/Actual Construction Start Date: 7/1/2013	Estimated/Actual Commercial Operation Date: 6/1/2016

PERMITTING:

Lead Agency: TBD - California Energy Commission (CEC) evaluating jurisdiction	
Local/State Agencies: California Energy Commission (CEC), Fresno County	Federal Agencies: Federal Aviation Administration, Federal Communication Commission
Local/State Details: Permits not yet filed, but expect significant issues due to technology.	Federal Details: No permits filed

TRANSMISSION:

Interconnection Agreement Status: Not yet filed
Status of interconnection facilities and upgrades: TBD

OTHER NOTES:

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<<PROJECT NAME>>

Solel (USS-MSP-1, LLC)

PROJECT DESCRIPTION:

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

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
Estimated/Actual Construction Start Date:	Estimated/Actual 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. The Solel project was sold to US Solar in October 2009. The project site has been abandoned, so there will be no more permit updates until a new site is designated.	Federal Details: Withdrew BLM application at Stedman site because Mohave Trails National Monument ("Mother Road") makes site not viable. The Solel project was sold to US Solar in October 2009. The project site has been abandoned, so there will be no more permit updates until a new site is designated.

TRANSMISSION:

Interconnection Agreement Status: Project Withdrawn
Status of interconnection facilities and upgrades: TBD

OTHER NOTES:

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<<PROJECT NAME>>

SPS Alpaugh (Samsung; ENCO)

PROJECT DESCRIPTION:

Location: Alpaugh, Kings County, CA	Technology: Solar PV
Contract Capacity (MW): 50	Annual Generation (GWh/yr): 80
Levelized Post-TOD Price (\$/MWh): \$ 172.3	PG&E Log Number: 33R118

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
Estimated/Actual Construction Start Date: 2/1/2013	Estimated/Actual Commercial Operation Date: 8/1/2013

PERMITTING:

Lead Agency: Tulare County	
Local/State Agencies: Tulare County	Federal Agencies: None
Local/State Details: On schedule for Special Use Permit; no major issues identified on previously disturbed (irrigated) site; no other issues identified to date.	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: Phase 2 Studies underway.
Status of interconnection facilities and upgrades: TBD

OTHER NOTES:

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<<PROJECT NAME>>

SPS Alpaugh North

PROJECT DESCRIPTION:

Location: Alpaugh, Tulare County, CA	Technology: Solar PV
Contract Capacity (MW): 20	Annual Generation (GWh/yr): 35
Levelized Post-TOD Price (\$/MWh): \$ 172.25	PG&E Log Number: 33R119

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
Estimated/Actual Construction Start Date: 8/1/2012	Estimated/Actual Commercial Operation Date: 11/1/2012

PERMITTING:

Lead Agency: Alpaugh Irrigation District	
Local/State Agencies: Tulare County	Federal Agencies: None
Local/State Details: On schedule for Conditional Use Permit; no major issues identified on previously disturbed (irrigated) site; no other issues identified to date.	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: TBD
Status of interconnection facilities and upgrades: CAISO SGIP. Facilities and upgrades: TBD

OTHER NOTES:

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<<PROJECT NAME>>

SPS Atwell Island

PROJECT DESCRIPTION:

Location: Alpaugh, Tulare County, CA	Technology: Solar PV
Contract Capacity (MW): 20	Annual Generation (GWh/yr): 35
Levelized Post-TOD Price (\$/MWh): \$ 172.35	PG&E Log Number: 33R120

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
Estimated/Actual Construction Start Date: 3/1/2012	Estimated/Actual Commercial Operation Date: 6/1/2012

PERMITTING:

Lead Agency: Alpaugh Irrigation District	
Local/State Agencies: Tulare County	Federal Agencies: None
Local/State Details: On schedule for Special Use Permit; no major issues identified on previously disturbed (irrigated) site; no other issues identified to date.	Federal Details: N/A

TRANSMISSION:

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

OTHER NOTES:

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<<PROJECT NAME>>

Confidential Commercially Sensitive Information
Provided by Pacific Gas and Electric Company to the CPUC on 6/23/2010

SPS Corcoran

PROJECT DESCRIPTION:

Location: Corcoran , CA	Technology: Solar PV
Contract Capacity (MW): 20	Annual Generation (GWh/yr): 35
Levelized Post-TOD Price (\$/MWh): \$ 172.24	PG&E Log Number: 33R121

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
Estimated/Actual Construction Start Date: 7/1/2012	Estimated/Actual Commercial Operation Date: 10/1/2012

PERMITTING:

Lead Agency: Corcoran	
Local/State Agencies: Kings County	Federal Agencies: None
Local/State Details: No issues identified to date.	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: Facilities Study underway.
Status of interconnection facilities and upgrades: TBD

OTHER NOTES:

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<<PROJECT NAME>>

SPS White River

PROJECT DESCRIPTION:

Location: Alpaugh , CA	Technology: Solar PV
Contract Capacity (MW): 20	Annual Generation (GWh/yr): 35
Levelized Post-TOD Price (\$/MWh): \$ 172.32	PG&E Log Number: 33R122

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
Estimated/Actual Construction Start Date: 4/1/2012	Estimated/Actual Commercial Operation Date: 7/1/2012

PERMITTING:

Lead Agency: Alpaugh Irrigation District	
Local/State Agencies: Tulare County	Federal Agencies: None
Local/State Details: On schedule for Special Use Permit; no major issues identified on previously disturbed (irrigated) site; no other issues identified to date.	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: Facilities Study complete.
Status of interconnection facilities and upgrades: TBD.

OTHER NOTES:

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<<PROJECT NAME>>

Sun City Project Solar Farm (Eurus)

PROJECT DESCRIPTION:

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

SCHEDULE:

Contract Execution Date: 12/24/2009	Contract Length (Years): 20
Guaranteed Construction Start Date: 6/30/2010	Guaranteed Commercial Operation Date: 12/31/2010
Estimated/Actual Construction Start Date: 6/30/2010	Estimated/Actual Commercial Operation Date: 12/31/2010

PERMITTING:

Lead Agency: Kings County	
Local/State Agencies: Kings County	Federal Agencies: None
Local/State Details: 3/15/2010 - Kings County Conditional Use Permit received. 4/22/2010 - CEQA appeal period concluded resulting in issuance of Mitigated Negative Declaration by Kings County.	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: Under Negotiation - Expected Q2 2010
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:

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<<PROJECT NAME>>

Sunshine Gas

PROJECT DESCRIPTION:

Location: Sylmar, Los Angeles County, CA	Technology: Landfill Gas
Contract Capacity (MW): 20	Annual Generation (GWh/yr): 140
Levelized Post-TOD Price (\$/MWh): \$ 129.01	PG&E Log Number: 33R132

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
Estimated/Actual Construction Start Date: 6/1/2011	Estimated/Actual Commercial Operation Date: 12/1/2013

PERMITTING:

Lead Agency: Los Angeles County	
Local/State Agencies: South County Air Pollution Control District	Federal Agencies: None
Local/State Details: Project is in process of obtaining the air permit. CEQA Initial Study was published on 11/18/2009. CEQA Supplemental Environmental Impact Report draft is expected in June 2010.	Federal Details: N/A

TRANSMISSION:

Interconnection Agreement Status: TBD
Status of interconnection facilities and upgrades: CAISO SGIP

OTHER NOTES:

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<<PROJECT NAME>>

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): 968
Levelized Post-TOD Price (\$/MWh): \$ 164.55	PG&E Log Number: 33R056

SCHEDULE:

Contract Execution Date: 7/1/2008	Contract Length (Years): 20
Guaranteed Construction Start Date: 12/31/2011	Guaranteed Commercial Operation Date: 6/30/2014
Estimated/Actual Construction Start Date: 12/31/2011	Estimated/Actual Commercial Operation Date: 12/31/2012

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.	Federal Details: Submitted - Clean Water Act Section 404 Permit

TRANSMISSION:

Interconnection Agreement Status: 210MW - Executed. 190 MW - Executed. 150 MW Expected Q4 2010
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:

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<<PROJECT NAME>>

Vantage Wind Energy Center

PROJECT DESCRIPTION:

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

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
Estimated/Actual Construction Start Date:	Estimated/Actual 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. Development agreement with County approved in March 2008. County approved construction permit in October 2008.	Federal Details: Turbine locations were approved by Federal Aviation Administration in March 2009.

TRANSMISSION:

Interconnection Agreement Status: Executed
Status of interconnection facilities and upgrades: LGIA executed; construction underway. Interconnecting in the Puget Sound Energy control area.

OTHER NOTES:

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<<PROJECT NAME>>

Vintage Dairy (Vintage Dairy)

PROJECT DESCRIPTION:

Location: Riverdale, CA	Technology: Digester Gas
Contract Capacity (MW):	Annual Generation (GWh/yr): Biogas
Levelized Post-TOD Price (\$/MWh): \$	PG&E Log Number: M-R-7013

SCHEDULE:

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

PERMITTING:

Lead Agency: TBD	
Local/State Agencies: TBD	Federal Agencies: None
Local/State Details: Vintage Dairy site operating. No permitting information available on other sites under development.	Federal Details: N/A

TRANSMISSION:

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

OTHER NOTES:

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<<PROJECT NAME>>