

**Confidential Commercially Sensitive Information**  
 Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**Agua Caliente**

**PROJECT DESCRIPTION:**

<b>Location:</b> Roll, Yuma County, AZ	<b>Technology:</b> Solar PV
<b>Contract Capacity (MW):</b> 290	<b>Annual Generation (GWh/yr Max):</b> 731
<b>Levelized Post-TOD Price (\$/MWh):</b> 174.44	<b>PG&amp;E Log Number:</b> 33R084
<b>Advice Letter #:</b> 3538-E / 3538-E-A	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2008

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> Yuma County	
<b>Local/State Agencies:</b> Arizona Corporation Commission, Arizona Department of Environmental Quality, Yuma County	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> All major permits received. Certificate of Environmental Compatibility received September 22, 2009. Special Use Permit received in August 2009. Construction to start Q4 2010.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Signed
<b>Status of interconnection facilities and upgrades:</b> CAISO Transition Cluster: Phase 2 transmission studies complete. 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 commenced construction of the 500kV switchyard on Oct 1, 2010.

**OTHER NOTES:**

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**Agua Caliente**

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**Alpine Solar (Amended and Restated) (eSolar; Alpine Suntower, LLC)**

**PROJECT DESCRIPTION:**

<b>Location:</b> Lancaster, Los Angeles County, CA	<b>Technology:</b> Solar PV
<b>Contract Capacity (MW):</b> 66	<b>Annual Generation (GWh/yr Max):</b> 140
<b>Levelized Post-TOD Price (\$/MWh):</b> 145.95	<b>PG&amp;E Log Number:</b> 33R078
<b>Advice Letter #:</b> 3671-E	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2007

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> California Energy Commission	
<b>Local/State Agencies:</b> Los Angeles County	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> Conditional Use Permit (CUP) application submitted December 2009; revised application reflecting switch to 100% photovoltaic submitted June 2010. CEC Authority For Construction (AFC) issued 9/8/2010, and became final October 10/8/2010. A draft mitigated negative declaration (MND) was publicly noticed by 11/19/2010. A public hearing for the MND is scheduled for 12/21/2010, which is expected to conclude with approval of MND and issuance of CUP. A 30-day appeal period follows, and the CUP can become final by 1/20/2011.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Under Negotiation Expected Q1 2011
<b>Status of interconnection facilities and upgrades:</b> CAISO Transition Cluster: Phase 2 transmission studies complete. 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.
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**Alpine Solar (Amended and Restated) (eSolar; Alpine Suntower, LLC)**

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**AV Solar Ranch 1 (NextLight, Antelope Valley)**

**PROJECT DESCRIPTION:**

<b>Location:</b> Lancaster, Los Angeles County, CA	<b>Technology:</b> Solar PV
<b>Contract Capacity (MW):</b> 230	<b>Annual Generation (GWh/yr Max):</b> 628
<b>Levelized Post-TOD Price (\$/MWh):</b> 155.14	<b>PG&amp;E Log Number:</b> 33R073
<b>Advice Letter #:</b> 3469-E / 3469-E-A	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2008

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> Los Angeles County	
<b>Local/State Agencies:</b> LA County Department of Regional Planning (DRP)	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> The CUP was issued on 12/7/10, which will be final after the 30 day CEQA litigation period if there are no appeals.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Executed
<b>Status of interconnection facilities and upgrades:</b> Critical facilities are currently in pre-construction (Whirlwind substation). Switchyard is in engineering. CAISO Transition Cluster: Phase 2 transmission studies complete.

**OTHER NOTES:**

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**AV Solar Ranch 1 (Antelope Valley)**

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**Avenal Park PV Solar Farm (Eurus)**

**PROJECT DESCRIPTION:**

<b>Location:</b> Avenal, Kings County, CA	<b>Technology:</b> Solar PV
<b>Contract Capacity (MW):</b> 6	<b>Annual Generation (GWh/yr Max):</b> 10.39
<b>Levelized Post-TOD Price (\$/MWh):</b> 240.51	<b>PG&amp;E Log Number:</b> 33R123
<b>Advice Letter #:</b> 3610-E / 3721-E	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Bilateral	<b>Solicitation Year:</b> 2009

**SCHEDULE:**

<b>Contract Execution Date:</b> 12/24/2009	<b>Contract Length (Years):</b> 20
<b>Guaranteed Construction Start Date:</b> 1/14/2011	<b>Guaranteed Commercial Operation Date:</b> 7/13/2011

**PERMITTING:**

<b>Lead Agency:</b> Kings County	
<b>Local/State Agencies:</b> Kings County	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> Conditional Use Permit approved 9/13/2010.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Under Negotiation
<b>Status of interconnection facilities and upgrades:</b> FERC SGIP studies complete. IA negotiations are under PG&E WDT process. Project is connected to a non-CAISO controlled facility.

**OTHER NOTES:**

11/30/2010 – Construction start achieved.
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**Avenal Park PV Solar Farm (Eurus)**

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**Barclays Hay Canyon**

**PROJECT DESCRIPTION:**

<b>Location:</b> Moro, Sherman County, OR	<b>Technology:</b> Wind
<b>Contract Capacity (MW):</b> 100	<b>Annual Generation (GWh/yr Max):</b> 250
<b>Levelized Post-TOD Price (\$/MWh):</b> 100.73	<b>PG&amp;E Log Number:</b> 33R126
<b>Advice Letter #:</b> 3600-E	<b>Advice Letter Approval Status:</b> Pending
<b>Solicitation Type:</b> Bilateral	<b>Solicitation Year:</b> 2009

**SCHEDULE:**

<b>Contract Execution Date:</b> 1/15/2010	<b>Contract Length (Years):</b> 2
<b>Guaranteed Construction Start Date:</b> N/A	<b>Guaranteed Commercial Operation Date:</b> 10/1/2010

**PERMITTING:**

<b>Lead Agency:</b> N/A	
<b>Local/State Agencies:</b> N/A	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> Operational prior to contract execution.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Operational prior to contract execution
<b>Status of interconnection facilities and upgrades:</b> Operational prior to contract execution

**OTHER NOTES:**

Facility operational prior to contract execution. GCOD occurred on 10/1/2010. Amendment was executed to allow PG&E to pay a brown power price until the PPA receives CPUC approval.
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**Barclays Hay Canyon**

**Confidential Commercially Sensitive Information**  
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**Barclays Nine Canyon Phase III**

**PROJECT DESCRIPTION:**

<b>Location:</b> Kennewick, Benton County, WA	<b>Technology:</b> Wind
<b>Contract Capacity (MW):</b> 14	<b>Annual Generation (GWh/yr Max):</b> 37
<b>Levelized Post-TOD Price (\$/MWh):</b> 106.3	<b>PG&amp;E Log Number:</b> 33R134
<b>Advice Letter #:</b> 3632-E	<b>Advice Letter Approval Status:</b> Pending
<b>Solicitation Type:</b> Bilateral	<b>Solicitation Year:</b> 2009

**SCHEDULE:**

<b>Contract Execution Date:</b> 2/16/2010	<b>Contract Length (Years):</b> 2
<b>Guaranteed Construction Start Date:</b> N/A	<b>Guaranteed Commercial Operation Date:</b> 11/1/2010

**PERMITTING:**

<b>Lead Agency:</b> N/A	
<b>Local/State Agencies:</b> N/A	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> Operational prior to contract execution.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Operational prior to contract execution
<b>Status of interconnection facilities and upgrades:</b> Operational prior to contract execution

**OTHER NOTES:**

Facility operational prior to execution. GCOD occurred on 11/1/2010. Amendment was executed to allow PG&E to pay a brown power price until the PPA receives CPUC approval.
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**Barclays Nine Canyon Phase III**

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**Blackspring Wind 1A (Greengate)**

**PROJECT DESCRIPTION:**

<b>Location:</b> Lethbridge, Alberta, Canada	<b>Technology:</b> Wind
<b>Contract Capacity (MW):</b> 149.4	<b>Annual Generation (GWh/yr Max):</b> 445
<b>Levelized Post-TOD Price (\$/MWh):</b> 119.21	<b>PG&amp;E Log Number:</b> 33R136
<b>Advice Letter #:</b> 3620-E; 3620-E-A	<b>Advice Letter Approval Status:</b> Pending
<b>Solicitation Type:</b> Bilateral	<b>Solicitation Year:</b> 2009

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> Alberta Utilities Commission (AUC)	
<b>Local/State Agencies:</b> Alberta Electric System Operator (AESO)	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> 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, and approval is expected by Q1 2012.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Signed
<b>Status of interconnection facilities and upgrades:</b> Complete

**OTHER NOTES:**

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**Blackspring Wind 1A (Greengate)**

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**Blackspring Wind 1B (Greengate)**

**PROJECT DESCRIPTION:**

<b>Location:</b> Lethbridge, Alberta, Canada	<b>Technology:</b> Wind
<b>Contract Capacity (MW):</b> 149.4	<b>Annual Generation (GWh/yr Max):</b> 445
<b>Levelized Post-TOD Price (\$/MWh):</b> 119.21	<b>PG&amp;E Log Number:</b> 33R137
<b>Advice Letter #:</b> 3620-E; 3620-E-A	<b>Advice Letter Approval Status:</b> Pending
<b>Solicitation Type:</b> Bilateral	<b>Solicitation Year:</b> 2009

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> Alberta Utilities Commission (AUC)	
<b>Local/State Agencies:</b> Alberta Electric System Operator (AESO)	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> 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, and approval is expected by Q1 2012.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Signed
<b>Status of interconnection facilities and upgrades:</b> Complete

**OTHER NOTES:**

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**Blackspring Wind 1B (Greengate)**



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**Brodie (Coram)**

**PROJECT DESCRIPTION:**

<b>Location:</b> Tehachapi, Kern County, CA	<b>Technology:</b> Wind
<b>Contract Capacity (MW):</b> 102	<b>Annual Generation (GWh/yr Max):</b> 286
<b>Levelized Post-TOD Price (\$/MWh):</b> 117.58	<b>PG&amp;E Log Number:</b> 33R142
<b>Advice Letter #:</b> 3687-E	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2009

**SCHEDULE:**

<b>Contract Execution Date:</b> 6/2/2010	<b>Contract Length (Years):</b> 20
<b>Guaranteed Construction Start Date:</b> 6/29/2011	<b>Guaranteed Commercial Operation Date:</b> 3/29/2012

**PERMITTING:**

<b>Lead Agency:</b> Kern County	
<b>Local/State Agencies:</b> Kern County	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> All but two parcels of the project area are included in an existing area that has a blanket Conditional Use Permit 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 Board of Supervisors approved the rezoning applications at their 7/13/2010 meeting.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Executed
<b>Status of interconnection facilities and upgrades:</b> CAISO Serial Cluster: Phase 2 transmission studies complete, I/C planning underway. 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 procure the step up transformer. Project will have two Gen-ties and two substations due to the site not being contiguous. In early November, Coram thought they had SCE agreed to the dates they requested that would line up with the PPA, only to have SCE refuse to sign the LGIA until the dates were pushed out. As a result, Coram invoked their 180-day Transmission Delay under the PPA. SCE will guarantee the work outlined in the LGIA will be completed in time for Coram to meet their revised GCSD and GCOD.

**OTHER NOTES:**

PG&E confirmed the revised GCSD and GCOD.
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**Brodie (Coram)**

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

**PROJECT DESCRIPTION:**

<b>Location:</b> California Valley, San Luis Obispo County, CA	<b>Technology:</b> Solar PV
<b>Contract Capacity (MW):</b> 210	<b>Annual Generation (GWh/yr Max):</b> 550
<b>Levelized Post-TOD Price (\$/MWh):</b> 145.05	<b>PG&amp;E Log Number:</b> 33R052
<b>Advice Letter #:</b> 3318-E	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2007

**SCHEDULE:**

<b>Contract Execution Date:</b> 7/23/2008	<b>Contract Length (Years):</b> 28
<b>Guaranteed Construction Start Date:</b> 9/23/2011	<b>Guaranteed Commercial Operation Date:</b> 12/26/2013

**PERMITTING:**

<b>Lead Agency:</b> San Luis Obispo County	
<b>Local/State Agencies:</b> San Luis Obispo County, CA Dept. of Fish and Game	<b>Federal Agencies:</b> US Fish and Wildlife Service (USFWS), US Army Corps of Engineers (USACOE)
<b>Local/State Details:</b> Conditional Use Permit (CUP) application was filed in January 2009. Draft EIR released 8/24/2010 recommended decreasing size of project as preferred alternative. The CUP is expected during Q1 2011. SunPower invited to conduct Due Diligence for DOE loan guarantee, which provides federal nexus for Section 7 consultation for endangered species and NEPA compliance. The developer has employed Developmental Delays of 360 days allowed in the PPA (with another 360 days available) caused by delays in the permitting process. An additional delay of no more than 270 days is expected due to delays in PG&E's completion of transmission upgrades and the switchyard. Final EIR expected 12/21/10.	<b>Federal Details:</b> Expect Section 7 Consultation and Incidental Take Permits to be issued by USFWS during Q4 2010.

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Under Negotiation
<b>Status of interconnection facilities and upgrades:</b> Underway

**OTHER NOTES:**

<p>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. SunPower elected to exercise additional development delays. Revised dates are included below.                  Phased GCODs are: Ph I, 9/21/2012 (was 12/26/2011); Ph II, 5/9/2013 (was 12/25/2012); Ph III, 12/26/2013</p> <p>11/30/2010 – NRG and SunPower announced that NRG will assume ownership and financing for the projects and SunPower will design, build, operate and maintain the facility.</p>
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**California Valley Solar Ranch-HPR 2 (CA Valley Solar Ranch, Carrisa Solar Ranch, Carrisa II,)**

**Confidential Commercially Sensitive Information**  
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**California Valley Solar Ranch-HPR 3 (CA Valley Solar Ranch, Carrisa Solar Ranch, Carrisa II)**

**PROJECT DESCRIPTION:**

<b>Location:</b> California Valley, San Luis Obispo County, CA	<b>Technology:</b> Solar PV
<b>Contract Capacity (MW):</b> 40	<b>Annual Generation (GWh/yr Max):</b> 112
<b>Levelized Post-TOD Price (\$/MWh):</b> 152.62	<b>PG&amp;E Log Number:</b> 33R088
<b>Advice Letter #:</b> 3661-E	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2007

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> San Luis Obispo County	
<b>Local/State Agencies:</b> San Luis Obispo County, California Dept. of Fish and Game	<b>Federal Agencies:</b> US Fish and Wildlife Service (USFWS), US Army Corps of Engineers (USACOE)
<b>Local/State Details:</b> Conditional Use Permit (CUP) application was filed in January 2009. Draft EIR released 8/24/2010 recommended reducing size of project. The CUP is expected during Q1 2011. SunPower invited to conduct Due Diligence for DOE loan guarantee, which provides federal nexus for Section 7 consultation for endangered species and NEPA compliance. Final EIR expected 12/21/10.	<b>Federal Details:</b> Expect Section 7 Consultation and Incidental Take Permits to be issued by USFWS during Q4 2010.

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Under Negotiation
<b>Status of interconnection facilities and upgrades:</b> Underway

**OTHER NOTES:**

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

**Confidential Commercially Sensitive Information**  
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**Copper Mountain Solar 1**

**PROJECT DESCRIPTION:**

<b>Location:</b> Boulder City, Clark County, NV	<b>Technology:</b> Solar PV
<b>Contract Capacity (MW):</b> 48	<b>Annual Generation (GWh/yr Max):</b> 108
<b>Levelized Post-TOD Price (\$/MWh):</b> 164.65	<b>PG&amp;E Log Number:</b> 33R079
<b>Advice Letter #:</b> 3500-E	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2008

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> Boulder City, NV	
<b>Local/State Agencies:</b> City of Boulder City, Clark County Air Quality and Environmental Management	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> All major permits have been received. Initial energy delivery occurred on 5/27/2010. The full 48 MW is installed with commissioning ongoing.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Signed
<b>Status of interconnection facilities and upgrades:</b> Complete. Nevada Energy service territory.

**OTHER NOTES:**

Expect achievement of GCOD by January 2011.
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**Copper Mountain Solar 1**

**Confidential Commercially Sensitive Information**  
 Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**Coyote Canyon (Terra Gen)**

**PROJECT DESCRIPTION:**

<b>Location:</b> Fallon, Churchill County, NV	<b>Technology:</b> Geothermal
<b>Contract Capacity (MW):</b> 53	<b>Annual Generation (GWh/yr Max):</b> 441.1
<b>Levelized Post-TOD Price (\$/MWh):</b> 134	<b>PG&amp;E Log Number:</b> 33R143
<b>Advice Letter #:</b> 3736-E	<b>Advice Letter Approval Status:</b> Pending
<b>Solicitation Type:</b> Bilateral	<b>Solicitation Year:</b> 2009

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> BLM	
<b>Local/State Agencies:</b> Churchill County, Public Utilities Commission of Nevada (PUCN)	<b>Federal Agencies:</b> BLM
<b>Local/State Details:</b> A Special Use Permit (SUP) from Churchill County is required and was deemed data adequate in October 2010. The SUP is on the 12/8/10 Board of Supervisor's agenda for consideration. If there are no protests, the SUP is expected to be final during December 2010. The PUCN also requires that the project go through the Utility Environmental Protection Act (UEPA) application process, which is linked to the BLM process and provides state level environmental approval. The submittal of the UEPA application is planned for Q1 2011.	<b>Federal Details:</b> Project is using the BLM fast tracked process. Application submitted to BLM on 3/1/2010. BLM issued the Environmental Assessment (NEPA review) on 4/1/2010. Approval by BLM expected by December 2010. A plan of utilization was issued to BLM on 7/29/2010. The 30-day public comment period for the Plan of Utilization Environmental Assessment began in 11/2010. If no major comments are received, then BLM is expected to issue the Finding of No Significant Impact and the Record of Decision during January 2011.

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Not started. Expected execution Q1 2011
<b>Status of interconnection facilities and upgrades:</b> 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.

**OTHER NOTES:**

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**Coyote Canyon (Terra Gen)**

**Confidential Commercially Sensitive Information**  
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**Coyote Springs #1 (BrightSource 3)**

**PROJECT DESCRIPTION:**

<b>Location:</b> Coyote Springs,; Lincoln County, Nevada (see notes)	<b>Technology:</b> Solar Thermal
<b>Contract Capacity (MW):</b> 200	<b>Annual Generation (GWh/yr Max):</b> 573
<b>Levelized Post-TOD Price (\$/MWh):</b> 153.28	<b>PG&amp;E Log Number:</b> 33R065
<b>Advice Letter #:</b> 3459-E	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Bilateral	<b>Solicitation Year:</b> 2009

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> Lincoln County, NV ; alternative site would be California Energy Commission (CEC)	
<b>Local/State Agencies:</b> Lincoln County, NV, Nevada Division of Environmental Protection ; alternative site CEC	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> Project on private land, and master plan for Coyote Springs already approved by County. Approval encompasses industrial applications such as the BrightSource project. BrightSource has a lease option for the original project site. BrightSource proposed switching to a privately-owned alternative site for which they have site control.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Nevada site: Not started; California site: TBD
<b>Status of interconnection facilities and upgrades:</b> For Nevada project: CAISO LGIP Cluster #2: Phase 1 transmission studies underway. 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:**

Alternate site proposed 9/30/2010 -- in Inyo County, California, along border with Nevada, 12 miles SW of Pahrump, NV, 45 miles W of Las Vegas, bordered on S by Old Spanish Trail Highway.
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**Coyote Springs #1 (BrightSource 3)**

**Confidential Commercially Sensitive Information**  
 Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**Coyote Springs #2 (BrightSource 4)**

**PROJECT DESCRIPTION:**

<b>Location:</b> Coyote Springs,; Lincoln County, Nevada (see notes)	<b>Technology:</b> Solar Thermal
<b>Contract Capacity (MW):</b> 200	<b>Annual Generation (GWh/yr Max):</b> 573
<b>Levelized Post-TOD Price (\$/MWh):</b> 157.89	<b>PG&amp;E Log Number:</b> 33R066
<b>Advice Letter #:</b> 3459-E	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Bilateral	<b>Solicitation Year:</b> 2009

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> Lincoln County, NV; alternative site is California Energy Commission (CEC)	
<b>Local/State Agencies:</b> Lincoln County, NV, Nevada Division of Environmental Protection ; alternative site is CEC	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> Project on private land, and master plan for Coyote Springs already approved by County. Approval encompasses industrial applications such as the BrightSource project. BrightSource has a lease option for the original project site. BrightSource proposed switching to a privately-owned alternative site for which they have site control.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Nevada site: Not started; California site: TBD
<b>Status of interconnection facilities and upgrades:</b> Nevada site: CAISO LGIP Cluster #2: Phase 1 transmission studies underway. 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:**

Alternate site proposed 9/30/2010 -- in Inyo County, California, along border with Nevada, 12 miles SW of Pahrump, NV, 45 miles W of Las Vegas, bordered on S by Old Spanish Trail Highway.
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**Coyote Springs #2 (BrightSource 4)**

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 Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**Desert Sunlight**

**PROJECT DESCRIPTION:**

<b>Location:</b> Desert Center, Riverside County, CA	<b>Technology:</b> Solar PV
<b>Contract Capacity (MW):</b> 300	<b>Annual Generation (GWh/yr Max):</b> 685
<b>Levelized Post-TOD Price (\$/MWh):</b> 160.46	<b>PG&amp;E Log Number:</b> 33R138
<b>Advice Letter #:</b> 3629-E	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2008

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> Bureau of Land Management	
<b>Local/State Agencies:</b> California Public Utilities Commission ( CPUC) (for interconnection permitting)	<b>Federal Agencies:</b> Bureau of Land Management
<b>Local/State Details:</b> The 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 agreed to use the project's Environmental Impact Study (EIS) for California Environmental Quality Act (CEQA) compliance.	<b>Federal Details:</b> 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 in project footprint and design. In August 2010, the BLM circulated a Draft Environmental Impact Statement (EIS) for public comment. The Final EIS is currently expected Q1 2011.

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Under Negotiation
<b>Status of interconnection facilities and upgrades:</b> CAISO Serial Cluster: Phase 2 transmission studies complete. Interconnection is planned to be 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.

**OTHER NOTES:**

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**Desert Sunlight**



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**DTE Stockton (POSDEF)**

**PROJECT DESCRIPTION:**

<b>Location:</b> Port of Stockton, San Joaquin County, CA	<b>Technology:</b> Biomass
<b>Contract Capacity (MW):</b> 45	<b>Annual Generation (GWh/yr Max):</b> 315
<b>Levelized Post-TOD Price (\$/MWh):</b> 141.39	<b>PG&amp;E Log Number:</b> 33R099
<b>Advice Letter #:</b> 3577-E / 3577-E-A	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Bilateral	<b>Solicitation Year:</b> 2008

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> Port of Stockton	
<b>Local/State Agencies:</b> Port of Stockton	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> Air Permit application submitted to San Joaquin County Unified Air Pollution Control District on 3/19/2010. San Joaquin County Unified Air Pollution Control District determined the air permit application to be complete on 5/11/2010. A draft decision for the air permit is expected to be released December 2010. Obtaining a Conditional Use Permit will not be necessary under Port of Stockton re-zoning rules (Categorical Exemption received in 9/27/2010).	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> TBD
<b>Status of interconnection facilities and upgrades:</b> 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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**DTE Stockton (POSDEF)**

**Confidential Commercially Sensitive Information**  
 Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**Genesis Solar (NextEra)**

**PROJECT DESCRIPTION:**

<b>Location:</b> Blythe, Riverside County, CA	<b>Technology:</b> Solar Thermal
<b>Contract Capacity (MW):</b> 250	<b>Annual Generation (GWh/yr Max):</b> 560
<b>Levelized Post-TOD Price (\$/MWh):</b> 207.81	<b>PG&amp;E Log Number:</b> 33R090
<b>Advice Letter #:</b> 3546-E / 3546-E-A	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2007

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> California Energy Commission (CEC)	
<b>Local/State Agencies:</b> California Energy Commission; Riverside County	<b>Federal Agencies:</b> Bureau of Land Management, US Environmental Protection Agency
<b>Local/State Details:</b> The CEC approved the Application for Certification on September 29, 2010.	<b>Federal Details:</b> Genesis has applied for a Right of Way Grant on Federal Lands. The final EIS was released at the end of August 2010. The BLM issued the Record of Decision on 11/4/2010. Seller has obtained the Right Of Way Grant.

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Under Negotiation - expected Q1 2011
<b>Status of interconnection facilities and upgrades:</b> CAISO Transition Cluster: Phase 2 transmission studies underway. Proposed interconnection is SCE's proposed Midpoint (aka Colorado River) substation in SCE territory.

**OTHER NOTES:**

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**Genesis Solar**

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 Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**GreenVolts**

**PROJECT DESCRIPTION:**

<b>Location:</b> Byron, Alameda County , CA	<b>Technology:</b> Solar PV
<b>Contract Capacity (MW):</b> 2	<b>Annual Generation (GWh/yr Max):</b> 5
<b>Levelized Post-TOD Price (\$/MWh):</b> 223.99	<b>PG&amp;E Log Number:</b> 33R031
<b>Advice Letter #:</b> 3074-E / 3074-E-B	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2006

**SCHEDULE:**

<b>Contract Execution Date:</b> 6/25/2007	<b>Contract Length (Years):</b> 20
<b>Guaranteed Construction Start Date:</b> 7/1/2008	<b>Guaranteed Commercial Operation Date:</b> 12/31/2011

**PERMITTING:**

<b>Lead Agency:</b> Alameda County	
<b>Local/State Agencies:</b> Alameda County	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> Conditional Use Permit complete as of 07/17/2008. However, due to significant tracker design changes, Alameda County required, an amendment to the permit. Alameda County has delayed finalizing the CUP Amendment, resulting in Zoning Commission approval being rescheduled to the 11/18/2010 meeting. On 11/30/2010, Developer reported that Alameda County admitted it has little experience with Developer's technology causing a delay in finalizing the amended CUP, and, on or about 11/10/2010, the County recommended a two-phase approval for the amended CUP as follows: issue Phase 1 amended CUP for 256 kW during 12/09/10 hearing, and issue Phase 2 for the full contract capacity in 2011. A two-phase process will allow time for Alameda County to conduct further fire code inspection after initial deployment of the redesigned tracker. Developer must also enter into a land conservancy agreement with landowner(s) in Alameda County for land with the same agricultural properties as the Project Site. Developer must execute a land conservancy agreement prior to the County issuing the Phase 2 amended CUP.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Signed
<b>Status of interconnection facilities and upgrades:</b> Complete

**OTHER NOTES:**

Parties executed a letter agreement to extend COD to 12/31/2011.
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**GreenVolts**

**Confidential Commercially Sensitive Information**  
Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**Halkirk Wind (Greengate)**

**PROJECT DESCRIPTION:**

<b>Location:</b> Stettler, Alberta, Canada	<b>Technology:</b> Wind
<b>Contract Capacity (MW):</b> 149.4	<b>Annual Generation (GWh/yr Max):</b> 485
<b>Levelized Post-TOD Price (\$/MWh):</b> 118.36	<b>PG&amp;E Log Number:</b> 33R135
<b>Advice Letter #:</b> 3620-E / 3620-E-A	<b>Advice Letter Approval Status:</b> Pending
<b>Solicitation Type:</b> Bilateral	<b>Solicitation Year:</b> 2009

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> Alberta Utilities Commission (AUC)	
<b>Local/State Agencies:</b> Alberta Electric System Operator (AESO)	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> Permit to Construct (PTC) from AUC received December 31, 2009. A PTC amendment was required due to revised turbine model and that amendment was approved by AUC on July 2, 2010.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

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

**OTHER NOTES:**

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**Halkirk Wind (Greengate)**

**Confidential Commercially Sensitive Information**  
Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**Hatchet Ridge Wind**

**PROJECT DESCRIPTION:**

<b>Location:</b> Burney, Shasta County, CA	<b>Technology:</b> Wind
<b>Contract Capacity (MW):</b> 103.2	<b>Annual Generation (GWh/yr Max):</b> 303
<b>Levelized Post-TOD Price (\$/MWh):</b> 102.19	<b>PG&amp;E Log Number:</b> 33R058
<b>Advice Letter #:</b> 3367-E / 3452-E	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2005

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> Shasta County Dept of Resource Management	
<b>Local/State Agencies:</b> Shasta County, CA Central Coast Regional Water Quality Control Board, CA Dept. of Fish and Game - Streambed Alteration	<b>Federal Agencies:</b> Federal Aviation Administration
<b>Local/State Details:</b> The project turbines are fully built and operational. No additional permitting required.	<b>Federal Details:</b> Complete - Determinations of No Hazard (DNH) for wind turbines and met towers.

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Signed
<b>Status of interconnection facilities and upgrades:</b> Completed.

**OTHER NOTES:**

Project achieved its COD on 12/14/2010 and will be removed for January 2011 report.
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**Hatchet Ridge Wind**

**Confidential Commercially Sensitive Information**  
 Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**IAE Truckhaven (Truckhaven)**

**PROJECT DESCRIPTION:**

<b>Location:</b> Truckhaven, Imperial County, CA	<b>Technology:</b> Geothermal
<b>Contract Capacity (MW):</b> 49	<b>Annual Generation (GWh/yr Max):</b> 370
<b>Levelized Post-TOD Price (\$/MWh):</b> 69.96	<b>PG&amp;E Log Number:</b> 33R023
<b>Advice Letter #:</b> 2863-E / 2863-E-A	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2005

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> Imperial County	
<b>Local/State Agencies:</b> Imperial County Air Pollution Control District, California State Parks and Recreation, Colorado River Regional Water Quality Control Board	<b>Federal Agencies:</b> Bureau of Land Management (BLM)
<b>Local/State Details:</b> Key Issue: Land Use. Due to site on Bureau of Land Management land, they must go through National Environmental Policy Act (NEPA). The well testing they had planned for the two wells they now control will require a CUP from Imperial County and is essentially the same process as the application to drill an additional 6 wells, which they want to do. They are planning to link the processes, which should take about 6 months. IAE is waiting to receive some financing (estimated Q1 2011) before they engage in any further permitting activities.	<b>Federal Details:</b> 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. Truckhaven executed an agreement with Ormat on 10/25/10 to acquire an additional 3,066 acres.

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Not started
<b>Status of interconnection facilities and upgrades:</b> TBD - based on delay in schedule and the project withdrawing their application with Imperial Irrigation District until their schedule was more certain.

**OTHER NOTES:**

Project missed its Guaranteed CSD of 11/1/2010. Truckhaven has a no-fault termination clause that they could invoke, so PG&E is not currently claiming a default or assessing damages while discussions continue for an amendment, which will only occur if it is determined the project is feasible.
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**IAE Truckhaven (Truckhaven)**

**Confidential Commercially Sensitive Information**  
 Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**Ivanpah Solar Electric Generating Station #1 (BrightSource PPA 1)**

**PROJECT DESCRIPTION:**

<b>Location:</b> Ivanpah, San Bernardino County, CA	<b>Technology:</b> Solar Thermal
<b>Contract Capacity (MW):</b> 118	<b>Annual Generation (GWh/yr Max):</b> 304
<b>Levelized Post-TOD Price (\$/MWh):</b> 155.00	<b>PG&amp;E Log Number:</b> 33R063
<b>Advice Letter #:</b> 3458 / 3703-E	<b>Advice Letter Approval Status:</b> Approved / Pending
<b>Solicitation Type:</b> Bilateral	<b>Solicitation Year:</b> 2009

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> California Energy Commission (CEC)/Bureau of Land Management (BLM)	
<b>Local/State Agencies:</b> California Energy Commission (CEC)	<b>Federal Agencies:</b> Bureau of Land Management (BLM)
<b>Local/State Details:</b> The combined CEC Final Staff Analysis/Bureau of Land Management Draft Environmental Impact Statement (EIS) was published on 11/04/09. 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. Presiding Member's Proposed Decision issued August 3, 2010. Final AFC approval occurred September 22, 2010, becoming final and non-appealable October 22, 2010. Basin & Range Watch appealed the AFC, which was heard by CEC on 10/26/10 and denied.	<b>Federal Details:</b> BLM Environmental Impact Report was filed and will be incorporated in CEC Application for Certification. BLM issued supplemental Final Environmental Impact Study for "Mitigated Ivanpah 3" (affects both Ivanpah 1 and 3) on August 2, 2010, and posted in Federal Register on August 6, 2010. The "Record of Decision/Rights of Way (ROD/ROW), which is the final BLM approval, was received on October 7, 2010.

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Signed
<b>Status of interconnection facilities and upgrades:</b> 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.
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**Ivanpah Solar Electric Generating Station #1 (BrightSource PPA 1)**

**Confidential Commercially Sensitive Information**  
 Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

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

**PROJECT DESCRIPTION:**

<b>Location:</b> Ivanpah, San Bernardino County, CA	<b>Technology:</b> Solar Thermal
<b>Contract Capacity (MW):</b> 130	<b>Annual Generation (GWh/yr Max):</b> 335.6
<b>Levelized Post-TOD Price (\$/MWh):</b> 158.27	<b>PG&amp;E Log Number:</b> 33R064
<b>Advice Letter #:</b> 3458-E / 3703-E	<b>Advice Letter Approval Status:</b> Approved / Pending
<b>Solicitation Type:</b> Bilateral	<b>Solicitation Year:</b> 2009

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> California Energy Commission (CEC)/Bureau of Land Management (BLM)	
<b>Local/State Agencies:</b> California Energy Commission (CEC)	<b>Federal Agencies:</b> Bureau of Land Management (BLM)
<b>Local/State Details:</b> The combined CEC Final Staff Analysis/Bureau of Land Management Draft Environmental Impact Statement (EIS) was published on 11/04/09. 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. Presiding Member's Proposed Decision issued August 3, 2010. Final permit approval occurred September 22, 2010, becoming final and non-appealable October 22, 2010. Basin & Range Watch appealed the AFC, which was heard by CEC on 10/26/10 and denied.	<b>Federal Details:</b> BLM Environmental Impact Report was filed and will be incorporated in CEC Application for Certification. BLM issued supplemental Final Environmental Impact Study for "Mitigated Ivanpah 3" (affects both Ivanpah 1 and 3) on August 2, 2010, and posted in Federal Register on August 6, 2010. The "Record of Decision/Rights of Way (ROD/ROW), which is the final BLM approval, was received on October 7, 2010.

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Signed
<b>Status of interconnection facilities and upgrades:</b> 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.
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**Ivanpah Solar Electric Generating Station #3 (BrightSource PPA 2)**



**Confidential Commercially Sensitive Information**  
Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**Kiara Biomass**

**PROJECT DESCRIPTION:**

<b>Location:</b> Anderson, Shasta County, CA	<b>Technology:</b> Biomass
<b>Contract Capacity (MW):</b> 5.8	<b>Annual Generation (GWh/yr Max):</b> 43.63
<b>Levelized Post-TOD Price (\$/MWh):</b> 114.87	<b>PG&amp;E Log Number:</b> 33R147
<b>Advice Letter #:</b> 3754-E	<b>Advice Letter Approval Status:</b> Pending
<b>Solicitation Type:</b> Bilateral	<b>Solicitation Year:</b> 2009

**SCHEDULE:**

<b>Contract Execution Date:</b> 9/8/2010	<b>Contract Length (Years):</b> 15
<b>Guaranteed Construction Start Date:</b> 9/30/2010	<b>Guaranteed Commercial Operation Date:</b> 12/31/2010

**PERMITTING:**

<b>Lead Agency:</b> Shasta County	
<b>Local/State Agencies:</b> Shasta County Department of Resource Management - Air Quality Management District	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> Shasta County issued the Authority to Construct permit on 10/1/2010. Project is fully permitted for construction. Boiler Operation Permit is expected to be issued by the end of Q1 2011.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> TBD
<b>Status of interconnection facilities and upgrades:</b> Existing facility. Transmission study was completed that shows more work than originally anticipated.

**OTHER NOTES:**

Kiara anticipates its on-line date will actually be early to mid-2011 due to results of the above mentioned transmission study.
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**Kiara Biomass**

**Confidential Commercially Sensitive Information**  
 Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**Liberty V Biofuels (Liberty Biofuels)**

**PROJECT DESCRIPTION:**

<b>Location:</b> Lost Hills, Kern County, CA	<b>Technology:</b> Biomass
<b>Contract Capacity (MW):</b> 5	<b>Annual Generation (GWh/yr Max):</b> 35
<b>Levelized Post-TOD Price (\$/MWh):</b> 59.77	<b>PG&amp;E Log Number:</b> 33R021
<b>Advice Letter #:</b> 2827-E	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2005

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> Kern County	
<b>Local/State Agencies:</b> Kern County, California Integrated Waste Management Board, San Joaquin Valley Air Pollution Control District	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> 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 was approved by the Kern County Planning Commission on 11/11/10. The CUP was appealed by a local resident because he does not like certain aspects of the project. The appeal caused the CUP to need Board of Supervisors approval and was approved at their 12/14/10 meeting.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Under Negotiation
<b>Status of interconnection facilities and upgrades:</b> TBD – once Liberty receives their Conditional Use Permit this process will move forward.

**OTHER NOTES:**

A price increase has been requested. Negotiation has commenced.
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**Liberty V Biofuels (Liberty Biofuels)**

**Confidential Commercially Sensitive Information**  
Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**Manzana**

**PROJECT DESCRIPTION:**

Location: Rosamond, Kern County, CA	Technology: Wind
Contract Capacity (MW): 246	Annual Generation (Max GWh/yr): 670
Levelized Post-TOD Price (\$/MWh): N/A	PG&E Log Number: N/A
Advice Letter #: Application 09-12-002	Advice Letter Approval Status: Pending
Solicitation Type: Request for Offer (RFO)	Solicitation Year: 2005

**SCHEDULE:**

Contract Execution Date: 12/1/2010	Contract Length (Years): N/A (30 year life)
Guaranteed Construction Start Date: N/A – expected 12/2010	Guaranteed Commercial Operation Date: N/A – expected 11/2011

**PERMITTING:**

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

**TRANSMISSION:**

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

**OTHER NOTES:**

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**Manzana**

**Confidential Commercially Sensitive Information**  
 Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**Mesquite Solar I**

**PROJECT DESCRIPTION:**

<b>Location:</b> Tonopah, Maricopa County, AZ	<b>Technology:</b> Solar PV
<b>Contract Capacity (MW):</b> 150	<b>Annual Generation (GWh/yr Max):</b> 326
<b>Levelized Post-TOD Price (\$/MWh):</b> 160.03	<b>PG&amp;E Log Number:</b> 33R144
<b>Advice Letter #:</b> 3741-E	<b>Advice Letter Approval Status:</b> Pending
<b>Solicitation Type:</b> Bilateral	<b>Solicitation Year:</b> 2010

**SCHEDULE:**

<b>Contract Execution Date:</b> 7/29/2010	<b>Contract Length (Years):</b> 20
<b>Guaranteed Construction Start Date:</b> 4/16/2011 – based on expected CPUC approval date	<b>Guaranteed Commercial Operation Date:</b> 3/17/2014 - based on expected CPUC approval date

**PERMITTING:**

<b>Lead Agency:</b> Maricopa County, AZ	
<b>Local/State Agencies:</b> Maricopa County, AZ	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> Seller received Special Use Permit from the Maricopa County Board of Supervisors on 1/12/10. Seller also received the Certificate of Environmental Compatibility on 10/20/2009, which is required to construct the gen-tie. Major permitting activities complete. Construction will begin upon CPUC approval.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Under Negotiation
<b>Status of interconnection facilities and upgrades:</b> 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:**

GCSD and GCOD are connected to CPUC approval. Dates here are estimates based on anticipated filing and approval dates.
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**Manzana**

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

**PROJECT DESCRIPTION:**

<b>Location:</b> Various, CA	<b>Technology:</b> Digester Gas
<b>Contract Capacity (MW):</b> N/A	<b>Annual Generation (GWh/yr Max):</b> 0
<b>Levelized Post-TOD Price (\$/MWh):</b> N/A	<b>PG&amp;E Log Number:</b> M-R-7014
<b>Advice Letter #:</b> 2996-E / 2996-E-A / 3132-E	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Bilateral	<b>Solicitation Year:</b> 2007

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> Kings County, Fresno County	
<b>Local/State Agencies:</b> Kings County, Fresno County, Air Pollution Control District, Regional Water Quality Control Board	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> Conditional Use Permit, air permit and water permit complete for all three sites.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Signed
<b>Status of interconnection facilities and upgrades:</b> 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.
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**Microgy Inc (Hanford, Riverdale Diaries, Kerman Bar 20 Diaries)**

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**Mojave Solar Project (Abengoa)**

**PROJECT DESCRIPTION:**

<b>Location:</b> Harper Lake (Between Barstow and Kramer Junction), San Bernardino County, CA	<b>Technology:</b> Solar Thermal
<b>Contract Capacity (MW):</b> 250	<b>Annual Generation (GWh/yr Max):</b> 617
<b>Levelized Post-TOD Price (\$/MWh):</b> 195.79	<b>PG&amp;E Log Number:</b> 33R089
<b>Advice Letter #:</b> 3547-E	<b>Advice Letter Approval Status:</b> Pending
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2007

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> California Energy Commission (CEC)	
<b>Local/State Agencies:</b> California Energy Commission (CEC)	<b>Federal Agencies:</b> USFWS
<b>Local/State Details:</b> Application for Certification (AFC) filed at CEC on 8/10/2009 and was deemed data adequate on 10/21/2009. The final decision/determination of compliance was issued by the Mojave Desert Air Quality Management District on May 17, 2010. CEC approved AFC on 9/8/2010, which became final and unappealable on October 10/8/2010, and provides for wet cooling. Mojave asserts that it will be ready to start off-site construction of project components by the end of 2010.	<b>Federal Details:</b> Needs biological assessment before construction can commence and application isn't deemed complete yet. Once complete, it's released for public review. This is a 135-day process, followed by the official release of the assessment. Anticipate that earliest date for obtaining this is Q2 2011.

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Executed
<b>Status of interconnection facilities and upgrades:</b> Serial studies complete. Proposed interconnection is at 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.
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**Mojave Solar Project (Abengoa)**

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Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**Montezuma Wind Energy Center**

**PROJECT DESCRIPTION:**

<b>Location:</b> Birds Landing, Solano County, CA	<b>Technology:</b> Wind
<b>Contract Capacity (MW):</b> 36.8	<b>Annual Generation (GWh/yr Max):</b> 129
<b>Levelized Post-TOD Price (\$/MWh):</b> 101	<b>PG&amp;E Log Number:</b> 33R013-AR
<b>Advice Letter #:</b> 2655-E / 2992-E / 3681-E	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2004

**SCHEDULE:**

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

**PERMITTING:**

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

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Executed
<b>Status of interconnection facilities and upgrades:</b> Complete

**OTHER NOTES:**

Commercial Operation expected January 2011. An amendment was executed to allow for payment of 90% of the PPA price from start of Delivery Term until PIRP certification is received.
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**Montezuma Wind Energy Center**

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 Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**Mt. Poso (RedHawk)**

**PROJECT DESCRIPTION:**

<b>Location:</b> Bakersfield, Kern County, CA	<b>Technology:</b> Biomass
<b>Contract Capacity (MW):</b> 44	<b>Annual Generation (GWh/yr Max):</b> 328
<b>Levelized Post-TOD Price (\$/MWh):</b> 141.12	<b>PG&amp;E Log Number:</b> 33R082
<b>Advice Letter #:</b> 3529-E	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2007

**SCHEDULE:**

<b>Contract Execution Date:</b> 7/31/2009	<b>Contract Length (Years):</b> 15
<b>Guaranteed Construction Start Date:</b> 11/21/2010	<b>Guaranteed Commercial Operation Date:</b> 4/22/2012

**PERMITTING:**

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

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Operational prior to contract execution
<b>Status of interconnection facilities and upgrades:</b> Operational prior to contract execution

**OTHER NOTES:**

Mt. Poso requested contractually allowed extensions of all development milestones, including both their GCSD and GCOD. PG&E concurred in September 2010.
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**Mt. Poso (RedHawk)**



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Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**North Star Solar**

**PROJECT DESCRIPTION:**

<b>Location:</b> Mendota, Fresno County, CA	<b>Technology:</b> Solar PV
<b>Contract Capacity (MW):</b> 60	<b>Annual Generation (GWh/yr Max):</b> 128.238
<b>Levelized Post-TOD Price (\$/MWh):</b> 172.64	<b>PG&amp;E Log Number:</b> 33R148
<b>Advice Letter #:</b> 3759-E	<b>Advice Letter Approval Status:</b> Pending
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2009

**SCHEDULE:**

<b>Contract Execution Date:</b> 9/20/2010	<b>Contract Length (Years):</b> 20
<b>Guaranteed Construction Start Date:</b> 9/1/2012	<b>Guaranteed Commercial Operation Date:</b> 6/30/2013

**PERMITTING:**

<b>Lead Agency:</b> Fresno County	
<b>Local/State Agencies:</b> Fresno County	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> The CUP will be filed with Fresno County in Q4 2010. Based on preliminary conversations with Fresno County, North Star expects that they will not have to file an EIR, and that a Mitigated Negative Declaration will be issued for the project.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> TBD
<b>Status of interconnection facilities and upgrades:</b> TBD

**OTHER NOTES:**

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**North Star Solar**

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 Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**Pacific Renewables Energy Generation (Lompoc)**

**PROJECT DESCRIPTION:**

<b>Location:</b> Lompoc, Santa Barbara County, CA	<b>Technology:</b> Wind
<b>Contract Capacity (MW):</b> 83	<b>Annual Generation (GWh/yr Max):</b> 280.4
<b>Levelized Post-TOD Price (\$/MWh):</b> 54.31	<b>PG&amp;E Log Number:</b> 33R014
<b>Advice Letter #:</b> 2655-E	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2004

**SCHEDULE:**

<b>Contract Execution Date:</b> 4/18/2005	<b>Contract Length (Years):</b> 20
<b>Guaranteed Construction Start Date:</b> 12/1/2007	<b>Guaranteed Commercial Operation Date:</b> 10/1/2008

**PERMITTING:**

<b>Lead Agency:</b> Santa Barbara County	
<b>Local/State Agencies:</b> Regional Water Quality Control Board, CA Dept. of Fish and Game	<b>Federal Agencies:</b> US Army Corps of Engineers, Federal Aviation Administration
<b>Local/State Details:</b> Conditional Use Permit (CUP) issued by Santa Barbara County in February 2009. However, there is a lawsuit by an adjacent landowner against the County claiming they improperly approved Conditional Use Permit. On October 10/9/2010, the judge ruled in favor of the County. The developer is in the process of amending their CUP due to changes in meteorological tower layout. The developer is proceeding with the project and plans to begin construction during mid 2011.	<b>Federal Details:</b> 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:**

<b>Interconnection Agreement Status:</b> Signed, being renegotiated for lower contract capacity
<b>Status of interconnection facilities and upgrades:</b> Updating study currently underway for 55 MW of output instead of the original 120 MW. Part of PG&E service territory.

**OTHER NOTES:**

PPA being renegotiated now that permitting issues are close to resolved.
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**Pacific Renewables Energy Generation (Lompoc)**

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 Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**Potrero Hills Landfill**

**PROJECT DESCRIPTION:**

<b>Location:</b> Suisun, Solano County, CA	<b>Technology:</b> Landfill Gas
<b>Contract Capacity (MW):</b> 8	<b>Annual Generation (GWh/yr Max):</b> 56
<b>Levelized Post-TOD Price (\$/MWh):</b> 136.94	<b>PG&amp;E Log Number:</b> 33R133
<b>Advice Letter #:</b> 3623-E	<b>Advice Letter Approval Status:</b> Pending
<b>Solicitation Type:</b> Bilateral	<b>Solicitation Year:</b> 2009

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> Solano County	
<b>Local/State Agencies:</b> Bay Area Air Quality Management District (BAAQMD)	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> Air Permit application was filed with BAAQMD on 3/11/2010. DTE continues to work on the air permit with BAAQMD and overall permitting is on track. The Project received their Conditional Use Permit from Solano County in Q1 2010.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

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

**OTHER NOTES:**

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**Potrero Hills Landfill**

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 Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**Rice Solar (Solar Reserve)**

**PROJECT DESCRIPTION:**

<b>Location:</b> Rice (Rice Airfield), Riverside County, CA	<b>Technology:</b> Solar Thermal
<b>Contract Capacity (MW):</b> 150	<b>Annual Generation (GWh/yr Max):</b> 448.5
<b>Levelized Post-TOD Price (\$/MWh):</b> 188.32	<b>PG&amp;E Log Number:</b> 33R097
<b>Advice Letter #:</b> 3581-E	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Bilateral	<b>Solicitation Year:</b> 2009

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> California Energy Commission (CEC)	
<b>Local/State Agencies:</b> CEC; Mojave Desert Air Quality Management District (MDAQMD)	<b>Federal Agencies:</b> Bureau of Land Management (BLM); US Fish and Wildlife Service (USFWS)
<b>Local/State Details:</b> The Application for Certification (AFC) was filed on 10/21/2009 and was deemed data adequate on 12/2/2009. Presiding Member's Proposed Decision issued 11/12/2010, based on evidence from 10/29/2010 evidentiary hearing. Authority to Construct permit application was made October 2009. On 12/15/2010, the CEC approved the AFC.	<b>Federal Details:</b> SF299 Right of Way Grant Application filed 7/29/2009. Plan of development deemed complete 2/9/2010. Section 7 consultation activities initiated with USFWS April 2010. Anticipate that biological assessment will be released by WAPA following the November PMPD. BLM and USFWS approvals leading to ROD/ROW expected late Q1 2011.

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Under Negotiation – Expected Q2 2011
<b>Status of interconnection facilities and upgrades:</b> CAISO 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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**Rice Solar (Solar Reserve)**

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Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**Sand Drag Solar Farm (Eurus)**

**PROJECT DESCRIPTION:**

<b>Location:</b> Avenal, Kings County, CA	<b>Technology:</b> Solar PV
<b>Contract Capacity (MW):</b> 19	<b>Annual Generation (GWh/yr Max):</b> 32.9
<b>Levelized Post-TOD Price (\$/MWh):</b> 240.51	<b>PG&amp;E Log Number:</b> 33R125
<b>Advice Letter #:</b> 3610-E / 3721-E	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Bilateral	<b>Solicitation Year:</b> 2009

**SCHEDULE:**

<b>Contract Execution Date:</b> 12/24/2009	<b>Contract Length (Years):</b> 20
<b>Guaranteed Construction Start Date:</b> 12/14/2010	<b>Guaranteed Commercial Operation Date:</b> 6/12/2011

**PERMITTING:**

<b>Lead Agency:</b> Kings County	
<b>Local/State Agencies:</b> Kings County	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> All major permits have been received. Construction permit was received 9/28/10.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Signed
<b>Status of interconnection facilities and upgrades:</b> FERC SGIP studies complete. IA negotiations under PG&E WDAT process. Project is connected to a non-CAISO controlled facility.

**OTHER NOTES:**

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**Sand Drag Solar Farm (Eurus)**

**Confidential Commercially Sensitive Information**  
 Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**Shiloh III Wind Project (EnXco)**

**PROJECT DESCRIPTION:**

<b>Location:</b> Rio Vista, Solano County, CA	<b>Technology:</b> Wind
<b>Contract Capacity (MW):</b> 60	<b>Annual Generation (GWh/yr Max):</b> 204.6
<b>Levelized Post-TOD Price (\$/MWh):</b> 118.75	<b>PG&amp;E Log Number:</b> 33R145
<b>Advice Letter #:</b> 3735-E	<b>Advice Letter Approval Status:</b> Pending
<b>Solicitation Type:</b> Bilateral	<b>Solicitation Year:</b> 2009

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> Solano County	
<b>Local/State Agencies:</b> Solano County; California Department of Fish and Game (CDFG)	<b>Federal Agencies:</b> US Fish and Wildlife Service (USFWS)
<b>Local/State Details:</b> Conditional Use Permit required from Solano County. The final EIR was issued on 10/4/10. On 11/4/10, Solano County Planning Commission approved the Conditional Use Permit (CUP). CUP was final on 12/15/2010. An Incidental Take Permit for the California Tiger Salamander is required from CDFG and is expected during Q1 2011.	<b>Federal Details:</b> An Endangered Species Act Incidental Take Permit is required from USFWS for the California Tiger Salamander Habitat Conservation Plan and is expected during Q1 2011.

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Executed
<b>Status of interconnection facilities and upgrades:</b> 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 notified PG&E that it is offering incremental capacity of 40 MW, to bring the total capacity to 100 MW. PG&E is required to respond to their notice by 1/13/2011.
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**Shiloh III Wind Project (EnXco)**

**Confidential Commercially Sensitive Information**  
Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

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

**PROJECT DESCRIPTION:**

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

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> TBD	
<b>Local/State Agencies:</b> TBD	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> 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.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Not started
<b>Status of interconnection facilities and upgrades:</b> TBD

**OTHER NOTES:**

Potential amendment to extend option to terminate in the event the project is a non-CAISO project. Beginning 7/11/2011, PG&E has the contractual right to terminate the PPA for lack of a site.
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**Solar Partners XV (project Name TBD) (BrightSource 5)**

**Confidential Commercially Sensitive Information**  
Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

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

**PROJECT DESCRIPTION:**

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

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> TBD	
<b>Local/State Agencies:</b> TBD	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> 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.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Not started
<b>Status of interconnection facilities and upgrades:</b> TBD

**OTHER NOTES:**

Beginning 12/1/2012, PG&E has the contractual right to terminate the PPA for lack of a site.
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**Solar Partners XXII (project Name TBD) (BrightSource 6)**



**Confidential Commercially Sensitive Information**  
Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

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

**PROJECT DESCRIPTION:**

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

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> TBD	
<b>Local/State Agencies:</b> TBD	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> 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.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Not started
<b>Status of interconnection facilities and upgrades:</b> TBD

**OTHER NOTES:**

Beginning 7/1/2013, PG&E has the contractual right to terminate the PPA for lack of a site.
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**Solar Partners XXIII (Project Name TBD) (BrightSource 7)**

**Confidential Commercially Sensitive Information**  
Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**Solaren**

**PROJECT DESCRIPTION:**

<b>Location:</b> Cantua Creek, Fresno County, CA	<b>Technology:</b> Space Solar
<b>Contract Capacity (MW):</b> 200	<b>Annual Generation (GWh/yr Max):</b> 1700
<b>Levelized Post-TOD Price (\$/MWh):</b> 134.90	<b>PG&amp;E Log Number:</b> 33R062
<b>Advice Letter #:</b> 3449-E	<b>Advice Letter Approval Status:</b> Conditionally Approved
<b>Solicitation Type:</b> Bilateral	<b>Solicitation Year:</b> 2009

**SCHEDULE:**

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

**PERMITTING:**

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

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Not started
<b>Status of interconnection facilities and upgrades:</b> TBD

**OTHER NOTES:**

A letter agreement was executed to extend the CPUC Approval deadline from October 2010 to March 31, 2011.
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**Solaren**

**Confidential Commercially Sensitive Information**  
 Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**Solel (USS-MSP-1, LLC) - TERMINATED**

**PROJECT DESCRIPTION:**

<b>Location:</b> Mojave, San Bernardino County , CA	<b>Technology:</b> Solar Thermal
<b>Contract Capacity (MW):</b> 553	<b>Annual Generation (GWh/yr Max):</b> 1388
<b>Levelized Post-TOD Price (\$/MWh):</b> 103.4	<b>PG&amp;E Log Number:</b> 33R025
<b>Advice Letter #:</b> 3092-E / 3092-E-A	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2005

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> Bureau of Land Management	
<b>Local/State Agencies:</b> California Energy Commission (CEC), CA Dept. of Fish and Game, San Bernardino County , Mojave Desert Air Quality Management District	<b>Federal Agencies:</b> Bureau of Land Management (BLM), US Army Corps of Engineers
<b>Local/State Details:</b> 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 has not provided any information on any alternate sites thus far.	<b>Federal Details:</b> Withdrew BLM application at Stedman site because Mojave Trails National Monument ("Mother Road") makes site not viable.

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Not Started
<b>Status of interconnection facilities and upgrades:</b> TBD

**OTHER NOTES:**

Solel declared a Development Failure event, resulting in an Event of Default under the contract. The contract was terminated on 12/1/2010. Will be removed for January 2011 report.
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**Solel (USS-MSP-1, LLC)**

**Confidential Commercially Sensitive Information**  
Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**SPS Alpaugh (Samsung; ENCO)**

**PROJECT DESCRIPTION:**

<b>Location:</b> Alpaugh, Tulare County, CA	<b>Technology:</b> Solar PV
<b>Contract Capacity (MW):</b> 50	<b>Annual Generation (GWh/yr Max):</b> 84
<b>Levelized Post-TOD Price (\$/MWh):</b> 172.35	<b>PG&amp;E Log Number:</b> 33R118
<b>Advice Letter #:</b> 3613-E	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2008

**SCHEDULE:**

<b>Contract Execution Date:</b> 1/26/2010	<b>Contract Length (Years):</b> 25
<b>Guaranteed Construction Start Date:</b> 10/1/2012	<b>Guaranteed Commercial Operation Date:</b> 2/1/2012

**PERMITTING:**

<b>Lead Agency:</b> Tulare County	
<b>Local/State Agencies:</b> Tulare County	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> Conditional Use Permit was approved on September 23, 2010.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Under Negotiation
<b>Status of interconnection facilities and upgrades:</b> CAISO SGIP studies complete. Interconnection is to the Smyrna-Alpaugh 115kV line. PG&E is working with the CAISO to allow for a deliverability study to be conducted for this contract.

**OTHER NOTES:**

On 9/22/10, PG&E executed a letter agreement to extend the time by which the conditions precedent must be satisfied from October 8, 2010, to January 1, 2011.
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**SPS Alpaugh (Samsung; ENCO)**

**Confidential Commercially Sensitive Information**  
Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**SPS Alpaugh North**

**PROJECT DESCRIPTION:**

<b>Location:</b> Alpaugh, Tulare County, CA	<b>Technology:</b> Solar PV
<b>Contract Capacity (MW):</b> 20	<b>Annual Generation (GWh/yr Max):</b> 33.43
<b>Levelized Post-TOD Price (\$/MWh):</b> 172.25	<b>PG&amp;E Log Number:</b> 33R119
<b>Advice Letter #:</b> 3613-E	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2008

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> Tulare County	
<b>Local/State Agencies:</b> Tulare County	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> Conditional Use Permit was approved on September 23, 2010.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Under Negotiation
<b>Status of interconnection facilities and upgrades:</b> CAISO SGIP studies complete. Interconnection is to the Corcoran-Kingsburg #2 115kV line. PG&E is working with the CAISO to allow for a deliverability study to be conducted for this contract.

**OTHER NOTES:**

On 9/22/10, PG&E executed a letter agreement to extend the time by which the conditions precedent must be satisfied from October 8, 2010, to January 1, 2011.
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**SPS Alpaugh North**

**Confidential Commercially Sensitive Information**  
Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**SPS Atwell Island**

**PROJECT DESCRIPTION:**

<b>Location:</b> Alpaugh, Tulare County, CA	<b>Technology:</b> Solar PV
<b>Contract Capacity (MW):</b> 20	<b>Annual Generation (GWh/yr Max):</b> 33.43
<b>Levelized Post-TOD Price (\$/MWh):</b> 172.35	<b>PG&amp;E Log Number:</b> 33R120
<b>Advice Letter #:</b> 3613-E	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2008

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> Tulare County	
<b>Local/State Agencies:</b> Tulare County	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> Conditional Use Permit was approved on November 30, 2010.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Under Negotiation
<b>Status of interconnection facilities and upgrades:</b> CAISO SGIP studies complete. Interconnection is to the Corcoran-Kingsburg #2 115kV line. PG&E is working with the CAISO to allow for a deliverability study to be conducted for this contract.

**OTHER NOTES:**

On 9/22/10, PG&E executed a letter agreement to extend the time by which the conditions precedent must be satisfied from October 8, 2010, to January 1, 2011.
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**SPS Atwell Island**

**Confidential Commercially Sensitive Information**  
Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**SPS Corcoran**

**PROJECT DESCRIPTION:**

<b>Location:</b> Corcoran, Kings County, CA	<b>Technology:</b> Solar PV
<b>Contract Capacity (MW):</b> 20	<b>Annual Generation (GWh/yr Max):</b> 33.43
<b>Levelized Post-TOD Price (\$/MWh):</b> 172.24	<b>PG&amp;E Log Number:</b> 33R121
<b>Advice Letter #:</b> 3613-E	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2008

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> Kings County	
<b>Local/State Agencies:</b> Kings County	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> Conditional Use Permit was approved on November 30, 2010.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Under Negotiation
<b>Status of interconnection facilities and upgrades:</b> CAISO SGIP studies complete. Interconnection is to the Corcoran-Kingsburg #2 115kV line. PG&E is working with the CAISO to allow for a deliverability study to be conducted for this contract.

**OTHER NOTES:**

On 9/22/10, PG&E executed a letter agreement to extend the time by which the conditions precedent must be satisfied from October 8, 2010, to January 1, 2011.
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**SPS Corcoran**

**Confidential Commercially Sensitive Information**  
Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**SPS White River**

**PROJECT DESCRIPTION:**

<b>Location:</b> Alpaugh, Tulare County, CA	<b>Technology:</b> Solar PV
<b>Contract Capacity (MW):</b> 20	<b>Annual Generation (GWh/yr Max):</b> 33.43
<b>Levelized Post-TOD Price (\$/MWh):</b> 172.32	<b>PG&amp;E Log Number:</b> 33R122
<b>Advice Letter #:</b> 3613-E	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2008

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> Tulare County	
<b>Local/State Agencies:</b> Tulare County	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> Conditional Use Permit was approved on November 30, 2010.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Under Negotiation
<b>Status of interconnection facilities and upgrades:</b> CAISO SGIP studies complete. Interconnection is to the Corcoran-Kingsburg #2 115kV line. PG&E is working with the CAISO to allow for a deliverability study to be conducted for this contract.

**OTHER NOTES:**

On 9/22/10, PG&E executed a letter agreement to extend the time by which the conditions precedent must be satisfied from October 8, 2010, to January 1, 2011.
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**SPS White River**



**Confidential Commercially Sensitive Information**  
Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**Sun City Project Solar Farm (Eurus)**

**PROJECT DESCRIPTION:**

<b>Location:</b> Avenal, Kings County, CA	<b>Technology:</b> Solar PV
<b>Contract Capacity (MW):</b> 20	<b>Annual Generation (GWh/yr Max):</b> 34.63
<b>Levelized Post-TOD Price (\$/MWh):</b> 240.59	<b>PG&amp;E Log Number:</b> 33R124
<b>Advice Letter #:</b> 3610-E / 3721-E	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Bilateral	<b>Solicitation Year:</b> 2009

**SCHEDULE:**

<b>Contract Execution Date:</b> 12/24/2009	<b>Contract Length (Years):</b> 20
<b>Guaranteed Construction Start Date:</b> 12/14/2010	<b>Guaranteed Commercial Operation Date:</b> 6/12/2011

**PERMITTING:**

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

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Signed
<b>Status of interconnection facilities and upgrades:</b> 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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**Sun City Project Solar Farm (Eurus)**

**Confidential Commercially Sensitive Information**  
Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**Sunshine Landfill**

**PROJECT DESCRIPTION:**

<b>Location:</b> Sylmar, Los Angeles County, CA	<b>Technology:</b> Landfill Gas
<b>Contract Capacity (MW):</b> 20	<b>Annual Generation (GWh/yr Max):</b> 140
<b>Levelized Post-TOD Price (\$/MWh):</b> 129.00	<b>PG&amp;E Log Number:</b> 33R132
<b>Advice Letter #:</b> 3623-E	<b>Advice Letter Approval Status:</b> Pending
<b>Solicitation Type:</b> Bilateral	<b>Solicitation Year:</b> 2009

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> Los Angeles County	
<b>Local/State Agencies:</b> South Coast Air Quality Management District	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> The Project is in the process of obtaining the air permit. DTE continues to work on the air permit with SCAQMD and overall permitting is on track. The Project received their Conditional Use Permit prior to contract execution.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Under Negotiation
<b>Status of interconnection facilities and upgrades:</b> CAISO SGIP studies complete. Proposed interconnection is SCE's Pardee substation.

**OTHER NOTES:**

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**Sunshine Landfill**

**Confidential Commercially Sensitive Information**  
 Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**Topaz Solar Farms (OptiSolar, Desert Topaz)**

**PROJECT DESCRIPTION:**

<b>Location:</b> Santa Margarita, San Luis Obispo County, CA	<b>Technology:</b> Solar PV
<b>Contract Capacity (MW):</b> 550	<b>Annual Generation (GWh/yr Max):</b> 1148
<b>Levelized Post-TOD Price (\$/MWh):</b> 164.53	<b>PG&amp;E Log Number:</b> 33R056
<b>Advice Letter #:</b> 3313-E / 3514-E	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2007

**SCHEDULE:**

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

**PERMITTING:**

<b>Lead Agency:</b> San Luis Obispo County	
<b>Local/State Agencies:</b> San Luis Obispo County	<b>Federal Agencies:</b> US Army Corps of Engineers
<b>Local/State Details:</b> Key Issue: Wildlife Corridor and Williamson Act land. The draft Environmental Impact Report (EIR) was released in late October. The draft EIR identified 7 reasonable alternatives to the project, which would feasibly attain most of the basic objectives of the project but would avoid or substantially lessen any of the significant effects of the project. Similar to the California Valley Solar Ranch draft EIR, San Luis Obispo County identified two Environmentally Superior Alternatives that reduced the Topaz capacity from 550 MW, to 400 MW. Alternative #4 reduced the project footprint to avoid Williamson Act land. Alternative #5 reduced the project footprint to avoid potential impact to wildlife corridors. Hearings on the DEIR are expected to begin in November. The Final EIR and Conditional Use Permit are both expected in Q2 2011. County approvals were not received by 9/30/10 and even though the PPA allows for delays in the guaranteed milestones (GCSD and GCOD) due to permits not being received by this date, First Solar has indicated that they do not intend to seek any delays. The deadline to begin construction under the DOE Loan Guarantee is before the GCSD of the contract, so no delays are expected.	<b>Federal Details:</b> TBD

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> LGIA executed for first 210 MW; LGIA being finalized for 190 MW on recently acquired Ausra site.
<b>Status of interconnection facilities and upgrades:</b> The remaining 150 MW is in the CAISO Transition Cluster; Phase 2 studies complete. All three are interconnecting into PG&E service territory.

**OTHER NOTES:**

Project has three phases each with a different Levelized Post-TOD Price: Ph1 – 164.53; Ph2 – 164.43 and Ph3 – 164.68.
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**Topaz Solar Farms (OptiSolar, Desert Topaz)**

**Confidential Commercially Sensitive Information**  
Provided by Pacific Gas and Electric Company to the CPUC on 12/21/2010

**Vintage Dairy (Vintage Dairy)**

**PROJECT DESCRIPTION:**

<b>Location:</b> Riverdale, CA , CA	<b>Technology:</b> Digester Gas
<b>Contract Capacity (MW):</b>	<b>Annual Generation (GWh/yr Max):</b> 0
<b>Levelized Post-TOD Price (\$/MWh):</b>	<b>PG&amp;E Log Number:</b> M-R-7013
<b>Advice Letter #:</b> 2979-E	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2007

**SCHEDULE:**

<b>Contract Execution Date:</b> 12/11/2006	<b>Contract Length (Years):</b> 10
<b>Guaranteed Construction Start Date:</b> N/A	<b>Guaranteed Commercial Operation Date:</b> 12/31/2008

**PERMITTING:**

<b>Lead Agency:</b> TBD	
<b>Local/State Agencies:</b> TBD	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> Vintage Dairy is not currently delivering biogas.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

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

**OTHER NOTES:**

Vintage Dairy is not currently delivering any biogas.
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**Vintage Dairy (Vintage Dairy)**