

## 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.	<b>Federal Details:</b> None

### 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 to commence construction of the 500kV switchyard on Oct 1, 2010.

### OTHER NOTES:

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**Agua Caliente**

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

**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> Los Angeles County	
<b>Local/State Agencies:</b> Los Angeles County	<b>Federal Agencies:</b> None expected
<b>Local/State Details:</b> Conditional Use Permit ("CUP") application submitted December 2009; revised application reflecting switch to 100% photovoltaic submitted June 2010. Presently preparing draft Initial Study and Mitigated Negative Declaration to be submitted to Los Angeles County Department of Regional Planning for approval. AS expects to receive CUP from Los Angeles County prior to construction start milestone.	<b>Federal Details:</b> N/A

**TRANSMISSION:**

<b>Interconnection Agreement Status:</b> Under Negotiation Expected Q3 2010
<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)**

## 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	<b>Federal Agencies:</b> None
<b>Local/State Details:</b> The Final EIR was approved on 9/15/2010. Barring any appeals, the Conditional Use Permit will be issued immediately following the appeals period, which runs through 9/27/2010.	<b>Federal Details:</b> N/A

### TRANSMISSION:

<b>Interconnection Agreement Status:</b> Under Negotiation - Expected Q3 2010
<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)**

## 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> 9	<b>Annual Generation (GWh/yr Max):</b> 15.58
<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> Request for Offer (RFO)	<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> 1/13/2011	<b>Guaranteed Commercial Operation Date:</b> 7/12/2011

### PERMITTING:

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

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

## 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> TBD – based on CPUC approval date

### PERMITTING:

<b>Lead Agency:</b> N/A	
<b>Local/State Agencies:</b> N/A	<b>Federal Agencies:</b> N/A
<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 cannot be earlier than 10/1/2010.
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**Barclays Hay Canyon**

## 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> TBD – based upon CPUC approval date

### PERMITTING:

<b>Lead Agency:</b> N/A	
<b>Local/State Agencies:</b> N/A	<b>Federal Agencies:</b> N/A
<b>Local/State Details:</b> Operational prior to 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 cannot be earlier than 11/1/2010.
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**Barclays Nine Canyon Phase III**

## 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> TBD
<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 by the end of August 2010. Receipt of the PTC is expected within 6 months thereafter.	<b>Federal Details:</b> TBD

### 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)

## 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> TBD
<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 by the end of August 2010. Receipt of the PTC is expected within 6 months thereafter.	<b>Federal Details:</b> TBD

### 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)**



**Confidential Commercially Sensitive Information**  
 Provided by Pacific Gas and Electric Company to the CPUC on 9/27/2010

**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> Pending
<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> 12/31/2010	<b>Guaranteed Commercial Operation Date:</b> 10/1/2011

**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 (CUP) for wind projects in the Tehachapi area. The two parcels required rezoning from Agriculture (A) to Agriculture-Wind Energy (A-WE). The rezoning of each additional parcel received Mitigated Negative Declarations that were issued on 3/22/2010 and 3/24/2010. The 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> Under Negotiation
<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. Coram is having difficulty getting SCE to commit to the 7/1/2011 timeline needed for completion of the transformer and other work. In the LGIA, SCE wants until 12/31/2011, while agreeing to use a Commercial Reasonable Effort to complete the work by 7/1/2011. Coram is continuing to discuss this with SCE with the hope of getting resolution shortly.

**OTHER NOTES:**

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**Brodie (Coram)**

**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> 12/26/2010	<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. The CUP is expected during Q4 2010. Potential for delay due to wildlife corridor issue (Topaz Solar Farm (First Solar) jointly shares this issue) with the encroachment on threatened and endangered plant and animal species, and their key habitat.	<b>Federal Details:</b> Expect Section 7 Consultation and Incidental Take Permits to be issued by USFWS during Q3 2010.

**TRANSMISSION:**

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

**OTHER NOTES:**

Estimated commercial operation date is based on initial deliveries from first phase of project. Guaranteed commercial operation date is contractual date for full deliveries from last phase of project. Contract length includes the three-year phased-in period.
Phased CODs are: Ph I, 12/26/2011; Ph II, 12/25/2012; Ph III, 12/26/2013

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

### 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> Pending
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b> 2008

**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. The CUP is expected during Q4 2010. Potential for delay due to wildlife corridor issue (Topaz Solar Farm (First Solar) jointly shares this issue) with the encroachment on threatened and endangered plant and animal species, and their key habitat.	<b>Federal Details:</b> Expect Section 7 Consultation and Incidental Take Permits to be issued by USFWS during Q3 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)

## 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. The full 48 MW will be phased in through their COD. Initial energy delivery occurred on 5/27/2010.	<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:

Facility is under construction and has begun initial deliveries.
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Copper Mountain Solar 1

## 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> Request for Offer (RFO)	<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 and Public Utilities Commission of Nevada (PUCN)	<b>Federal Agencies:</b> BLM
<b>Local/State Details:</b> A Special Use Permit from Churchill County will be required and will be applied for by Q1 2011. 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.

### 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)**

### Coyote Springs #1 (BrightSource 3)

**PROJECT DESCRIPTION:**

<b>Location:</b> Coyote Springs, Lincoln County, NV	<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> Request for Offer (RFO)	<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	
<b>Local/State Agencies:</b> Lincoln County, NV, Nevada Division of Environmental Protection	<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 project site.	<b>Federal Details:</b> None

**TRANSMISSION:**

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

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**Coyote Springs #1 (BrightSource 3)**

## Coyote Springs #2 (BrightSource 4)

### PROJECT DESCRIPTION:

<b>Location:</b> Coyote Springs, Lincoln County, NV	<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> Request for Offer (RFO)	<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	
<b>Local/State Agencies:</b> Lincoln County, NV, Nevada Division of Environmental Protection	<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 project site.	<b>Federal Details:</b> None

### TRANSMISSION:

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

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

## 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 selected a consultant to prepare the project's Environmental Impact Statement (EIS) for public comment. The draft EIS is expected in early 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**



**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> Request for Offer (RFO)	<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> Environmental Protection Agency (EPA)
<b>Local/State Details:</b> Air Permit application submitted to San Joaquin County Unified Air Pollution Control District on 3/19/2010. Obtaining a Conditional Use Permit will not be necessary under Port of Stockton re-zoning rules. 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 will be released within 180 days.	<b>Federal Details:</b> Developer is in process of preparing permit materials.

**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)**

## 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> <u>Application for Certification (AFC) filed at CEC in August 2009. The CEC issued a draft Staff Assessment in March 2010, which recommended using dry cooling technology, instead of wet cooling. On August 19, 2010, the CEC issued the Presiding Member's Proposed Decision (PMPD) for the project. The 30-day public comment period on the PMPD ends on September 20, 2010. The full Commission will consider the PMPD on September 29, 2010.</u>	<b>Federal Details:</b> Genesis has applied for a Right of Way Grant on Federal Lands. The final EIS is expected to be released in Q4 2010. Developer is in the process of securing site control through a BLM lease.

### 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:

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

## 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-A	<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> 10/1/2008

### 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. Developer must also enter into a land conservancy agreement with landowner(s) in the County for land with the same agricultural properties as the Project Site. Developer reported it expects to execute a land conservancy agreement and have a final amended CUP by the end of September 2010.	<b>Federal Details:</b> N/A

### TRANSMISSION:

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

### OTHER NOTES:

Potential amendment to extend COD to 2011
---

**GreenVolts**

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

### 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)**

## 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> Conditional Use Permit complete. and project under construction.	<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> Project is currently delivering test energy. Upgrades are on track to allow full delivery of project capacity by the 12/31/2010 GCOD.

### OTHER NOTES:

Project is under construction and on schedule.
--

**Hatchet Ridge Wind**

**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. No application has been filed, pending final determination of plant site. Due to site on Bureau of Land Management land, they must go through National Environmental Policy Act (NEPA). It will likely be at least 1 year before Truckhaven starts the Environmental Impact Report NEPA/CA Environmental Quality Act process.	<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.

**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:**

PPA will need to be amended if project is feasible.
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**IAE Truckhaven (Truckhaven)**

**Ivanpah Solar Electric Generating Station #1 (BrightSource 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-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> 7/1/2011	<b>Guaranteed Commercial Operation Date:</b> 7/1/2013

**PERMITTING:**

<b>Lead Agency:</b> California Energy Commission (CEC)/Bureau of Land Management	
<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 and will become final and unappealable on October 22, 2010.	<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.

**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 1)**

**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> Request for Offer (RFO)	<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	
<b>Local/State Agencies:</b> California Energy Commission (CEC)	<b>Federal Agencies:</b> Bureau of Land Management (BLM)
<b>Local/State Details:</b> 11/04/09 - The combined CEC Final Staff Analysis/Bureau of Land Management Draft Environmental Impact Statement (EIS) was published. CEC/BLM joint permitting process remains on schedule. Supplemental Final Staff Assessment for "Mitigated Ivanpah 3" (affects both Ivanpah 1 and 3) received April 16, 2010. Presiding Member's Proposed Decision issued August 3, 2010. Final permit approval occurred September 22, 2010 and will become final and unappealable on October 22, 2010.	<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.

**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)**



**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> Key Issue: Local Agency Delay. The Environmental Impact Report (EIR)/Conditional Use Permit (CUP) process is in its fourth year, which is two years longer than it should take. The draft EIR was issued on June 23, 2010. The final amended CUP is now on track for issuance by October 2010.	<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.
---

**Liberty V Biofuels (Liberty Biofuels)**

## 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> TBD	<b>PG&amp;E Log Number:</b> 33R144
<b>Advice Letter #:</b> TBD	<b>Advice Letter Approval Status:</b> Not yet submitted
<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> TBD
<b>Local/State Details:</b> Seller received Special Use Permit from the Maricopa County Board of Supervisors on 1/12/10.	<b>Federal Details:</b> TBD

### 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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**Mesquite Solar I**

### 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> Request for Offer (RFO)	<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. Major delay in development of three remaining site is due to financing.	<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)

## 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> None
<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. CEC supplemental staff assessment Part A and Part B were published on May 12 and May 25, 2010, respectively. The final decision/determination of compliance was issued by the Mojave Desert Air Quality Management District on May 17, 2010. The Presiding Member's Proposed Decision approving the project was issued August 6, 2010 and provides for wet cooling. CEC vote approving AFC occurred September 8, 2010 and will be final and unappealable on October 8, 2010. Mojave still asserts that it will be ready to start construction by the end of 2010.	<b>Federal Details:</b> N/A

### TRANSMISSION:

<b>Interconnection Agreement Status:</b> Under Negotiation. Expected Q3 2010
<b>Status of interconnection facilities and upgrades:</b> Serial studies complete. LGIA under negotiation. 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)**

## 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> 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.	<b>Federal Details:</b> Travis Air Force Base has lifted its objections to the project.

### TRANSMISSION:

<b>Interconnection Agreement Status:</b> Signed
<b>Status of interconnection facilities and upgrades:</b> Currently completing the Amended Interconnection Study to evaluate the replacement of the originally proposed turbines with two alternative wind turbine generators.

### OTHER NOTES:

Construction commenced in June 2010.
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**Montezuma Wind Energy Center**

## 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> <u>11/21/2010</u>	<b>Guaranteed Commercial Operation Date:</b> <u>4/22/2012</u>

### 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)**

## Pacific Renewables Energy Generation (Lompoc)

### PROJECT DESCRIPTION:

<b>Location:</b> Lompoc, Santa Barbara County, CA	<b>Technology:</b> Wind
<b>Contract Capacity (MW):</b> 82.5	<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> 1/30/2008	<b>Guaranteed Commercial Operation Date:</b> 11/30/2008

### 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 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. The developer is proceeding with the project and plans to begin construction in December 2010.	<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.
--

Pacific Renewables Energy Generation (Lompoc)

## 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> Request for Offer (RFO)	<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 4.8 MW connection to PG&E distribution.

### OTHER NOTES:

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**Potrero Hills Landfill**



**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> Request for Offer (RFO)	<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> California Energy Commission (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 was filed on 10/21/2009 and was deemed data adequate on 12/2/2009. A draft Environmental Impact Statement (EIS) is expected to be released in August, and published for a 90-day public review period. Evidentiary hearing is expected in September 2010 and a final decision by the end of 2010. The draft EIS is expected in September and the Final Staff Assessment in late October and the Presiding Member's Proposed Decision shortly thereafter.  Authority to Construct permit application was made October 2009. Final Determination of Compliance expected by September 2010.	<b>Federal Details:</b> SF299 Right of Way Grant Application was filed on 7/29/2009. Plan of Development was deemed complete on 2/9/2010. Section 7 consultation activities were initiated with USFWS in April 2010. Anticipate that the Biological Assessment will be submitted to the USFWS in August 2010, with the Biological Opinion issued approximately 135 days later.

**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)**

## 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> Request for Offer (RFO)	<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> None

### 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)

## 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> TBD	<b>PG&amp;E Log Number:</b> 33R145
<b>Advice Letter #:</b> TBD	<b>Advice Letter Approval Status:</b> Not yet submitted
<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 Draft Environmental Impact Report (DEIR) was issued on 6/11/2010 and the 45-day public comment period closed on 7/26/2010. The EIR is expected to be final during Q3 2010 with CUP approval by the Board of Supervisors approval expected during Q4 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 an option to add incremental capacity of up to 40 MW, to bring the total capacity to 100 MW.
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**Shiloh III Wind Project (EnXco)**

## 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> Request for Offer (RFO)	<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> Key Issue: Land Use. Mother Road issue forced abandonment of Broadwell Lake site, so there is no longer site control. Sites are being considered in California, Arizona, and Nevada.	<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.
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Solar Partners XV (project Name TBD) (BrightSource 5)

## 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> Request for Offer (RFO)	<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> Key Issue: Land Use. Mother Road issue forced abandonment of Broadwell Lake site, so there is no longer site control. Sites are being considered in California, Arizona, and Nevada.	<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.
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Solar Partners XXII (project Name TBD) (BrightSource 6)

## 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> Request for Offer (RFO)	<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> Key Issue: Land Use. Mother Road issue forced abandonment of Broadwell Lake site, so there is no longer site control. Sites are being considered in California, Arizona, and Nevada.	<b>Federal Details:</b> None

### 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.
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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 9/27/2010

**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> 134.91	<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> Request for Offer (RFO)	<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 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:**

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**Solaren**

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

**PROJECT DESCRIPTION:**

<b>Location:</b> Mojave , 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 responded that it is pursuing an alternate site that may be further along in the permitting process, but has not provided any information on any alternate sites thus far.	<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:**

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



## 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> 172.3	<b>PG&amp;E Log Number:</b> 33R118
<b>Advice Letter #:</b> 3613-E	<b>Advice Letter Approval Status:</b> Pending
<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> 2/1/2013

### 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 application was filed with the county on 4/6/2010. Conditional Use Permit is expected to be approved in September 2010.	<b>Federal Details:</b> N/A

### TRANSMISSION:

<b>Interconnection Agreement Status:</b> Under Negotiation
<b>Status of interconnection facilities and upgrades:</b> CAISO Transition Cluster: Phase 2 transmission studies complete.

### OTHER NOTES:

Project will use thin film PV, which decreases the generation to 84 GWh per year.
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SPS Alpaugh (Samsung; ENCO)

## 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> Pending
<b>Solicitation Type:</b> Bilateral	<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 application was filed with the county on 4/6/2010. Conditional Use Permit is expected to be approved in September 2010.	<b>Federal Details:</b> N/A

### TRANSMISSION:

<b>Interconnection Agreement Status:</b> Signed
<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:

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**SPS Alpaugh North**

## 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> Pending
<b>Solicitation Type:</b> Bilateral	<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 application was filed with the county on 3/24/2010. Conditional Use Permit is expected to be approved in September 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:

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SPS Atwell Island

## SPS Corcoran

### PROJECT DESCRIPTION:

<b>Location:</b> Corcoran, King 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> Pending
<b>Solicitation Type:</b> Bilateral	<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> N/A
<b>Local/State Details:</b> Conditional Use Permit application was filed with the county on 6/8/2010. Conditional Use Permit is expected to be approved in Q4 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:

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SPS Corcoran

## 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> Pending
<b>Solicitation Type:</b> Bilateral	<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 application was filed with the county on 4/19/2010. Conditional Use Permit is expected to be approved in September 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:

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SPS White River

## 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> Request for Offer (RFO)	<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)

## 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>	<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 Pollution 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**

**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	<b>Advice Letter Approval Status:</b> Approved
<b>Solicitation Type:</b> Request for Offer (RFO)	<b>Solicitation Year:</b>

**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> Conditional Use Permit Application filed July 2008, with revisions in June 2009. Additional revisions made in November 2009 due to the acquisitionPreparation of the Ausra land options. The draft Environmental Impact Report (EIR) commenced in June 2009, and is expected to be released in Q4 2010. The Final EIR and Conditional Use Permit are both expected in Q1 2011. The contract allows for delays in the Guaranteed Milestones (GCSD and GCOD) if final County Approvals are not received by September 30, 2010. First Solar has indicated that they do not intend to seek any delays in the Guaranteed Milestones. 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 are 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)**



## Vantage Wind Energy Center

### PROJECT DESCRIPTION:

<b>Location:</b> Ellensburg, Kittitas County, WA	<b>Technology:</b> Wind
<b>Contract Capacity (MW):</b> 90	<b>Annual Generation (GWh/yr Max):</b> 277
<b>Levelized Post-TOD Price (\$/MWh):</b> 146.24	<b>PG&amp;E Log Number:</b> 33R083
<b>Advice Letter #:</b> 3525-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> 8/17/2009	<b>Contract Length (Years):</b> 15
<b>Guaranteed Construction Start Date:</b> 6/1/2010	<b>Guaranteed Commercial Operation Date:</b> 1/1/2011

### PERMITTING:

<b>Lead Agency:</b> Kittitas County	
<b>Local/State Agencies:</b> Kittitas County	<b>Federal Agencies:</b> Federal Aviation Administration
<b>Local/State Details:</b> Major permitting work is complete. Project is under construction.	<b>Federal Details:</b> Turbine locations were approved by Federal Aviation Administration in March 2009.

### TRANSMISSION:

<b>Interconnection Agreement Status:</b> Signed
<b>Status of interconnection facilities and upgrades:</b> Project is fully interconnected to Puget Sound Energy and is delivering test energy.

### OTHER NOTES:

Facility is under construction and on schedule.
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**Vantage Wind Energy Center**

## Vintage Dairy (BioEnergy)

### PROJECT DESCRIPTION:

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

### SCHEDULE:

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

### PERMITTING:

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

### TRANSMISSION:

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

### OTHER NOTES:

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