

# **Monthly Report on Renewable Project Development**

Provided by Pacific Gas and Electric Company to the CPUC on 11/22/2010

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### Executive Summary

[Note: Changes since last time are shown in blue.]

#### A. Project Additions or Removals:

##### Additions:

- **Kiara Solar**
- **North Star Solar**

##### Removals:

- **Vantage Wind** – Achieved commercial operation on 10/4/10.

#### B. Recent Events:

##### Commercial Operation:

- 11/01/10 – **Hatchet Ridge Wind** achieved commercial operation and delivery term will begin once enrollment in PIRP is completed by the end of November. In the interim, PG&E is paying test energy pricing.
- 5/31/10 – **Copper Mountain Solar 1** began delivering energy from the first 8 MW of installed capacity. At the end of November, the project capacity is expected to reach 38 MW. Guaranteed commercial operation date for the full 48 MW of the project is 7/20/2011.
- 11/1/10 – **Barclays Nine Canyon Wind** is an operational wind facility that began deliveries of brown power to PG&E on November 1. PG&E will pay for and receive the related Green Attributes upon CPUC approval.

##### Construction Start (Official Notice Received):

- 10/22/10 – **Sand Drag and Sun City Solar Farms** started construction.
- 11/1/10 – **Mt. Poso** started construction.

##### Recent Executions (add last PRG meeting an item was presented):

- None

##### Missed Milestones:

- 11/1/10 - **IAE Truckhaven** missed its Guaranteed Construction Start Date, IAE and PG&E will be discussing potential PPA modifications.

##### Recent CPUC Approvals:

- 10/28/10 - **Coram California Development (Brodie Wind)** was approved by Res E-4366.
- 10/28/10 – Amended **Brightsource** was approved by Res E-4369
- 11/19/10 – **El Dorado Irrigation** was approved by Res E-4376
- 11/19/10 - **High Plains Ranch III** was approved by Res E-4375
- 11/19/10 - **Solar Project Solutions (SPS)** was approved by Res E-4377

##### Recent Major Amendments:

- 10/26/10 – **Solaren** amendment extends CPUC approval deadline to 3/31/11.
- 10/27/10 – **An amended and restated confirm was executed with Barclay's Nine Canyon** extending the CPUC approval date to 1/3/11. Also includes early termination rights if CPUC approval is not received by 1/3/11 that date and allows for purchases prior to CPUC approval.

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- 11/5/10 – **Horizon (Arlington Wind)** amendment increases the BPA wind integration charges.

Termination:

- None

### C. Upcoming Events:

Commercial Operation:

- 11/2010 – **Montezuma Wind Energy** is expected to begin delivering test energy on approximately November 4, 2010, with the full COD expected around mid- November.

Expected Construction Start:

- 10/1/10 – **Kiara Solar** started site preparation and other pre-construction related work. They cannot meet contractual CSD until the EPC agreement is executed and expect to accomplish that by 1/1/11.
- 10/8/10 – **Ivanpah Solar Electric Generating Station #1 and #3** began working on tortoise relocation and tortoise fences on October 8, and are expected to achieve contractual construction start following financial close, expected 1/1/2011.
- 11/1/10 – **Agua Caliente** is expected to start construction prior to its guaranteed construction start date of 6/1/11. Agua Caliente has completed nearly all site preparation and is now working to execute the EPC agreement. They will not have met contractual CSD until the EPC agreement is executed.
- 11/1/10 – **AV Solar Ranch 1** is expected to start construction prior to its guaranteed construction start date of 8/31/11. AV Solar Ranch will start site preparation during November 2010. The EPC contract has been executed, but they will not officially meet their GCSD until PG&E receives their official notice (expected ~3 weeks)
- 12/30/10 – **Avenal Park Solar Farm** is expected to start construction, pending CPUC approval.

Upcoming Advice Letter Filings:

- **Norman Ross Burgess** (aka. Three Forks): late November
- **Covanta Oroville**: early December

### D. Operational Projects:

- **Microgy** – Received notice that Texas site is in receivership and all payments should be directed to the lender. In June 2010, Microgy filed Chapter 7 Bankruptcy. Law is reviewing the Bankruptcy proceeding and impacts it may have on the existing gas purchase agreement. In late September 2010, PG&E was notified that Enterprise pipeline was no longer allowing Microgy to flow due to, among other things, the facility failing to produce biogas and accumulating an imbalance. PG&E received confirmation from the Receiver for the Texas site that, that starting in late August 2010, Microgy began experiencing digester issues resulting in no biogas production, but they are working with Enterprise to correct this issue and recommence deliveries. Long term project viability remains in question.
- **BioEnergy** – The project is not currently delivering biogas. On 4/12/10, PG&E sent BioEnergy a letter reserving our right to declare early termination for failure to deliver sufficient biogas.
- **Global Ampersand** – Global Ampersand continues to have financial difficulties, and as a result, neither Chowchilla nor El Nido is currently generating. Global is attempting to sell the

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two plants. Global and Akeida announced they are 2-4 weeks away from finalizing their deal. PG&E has been in negotiations with Global for some time on PPA amendments that would provide price increase.

- **Big Valley** - Big Valley stopped delivering energy on June 17, due to an inability to procure sufficient fuel for operations. Big Valley is seeking financing to open a sawmill on the site to serve as a source for fuel.