

# **Monthly Report on Renewable Project Development**

Provided by Pacific Gas and Electric Company to the CPUC on 9/27/2010

**Confidential Commercially Sensitive Information**

## Confidential Commercially Sensitive Information

### Executive Summary

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

#### A. Project Additions or Removals:

Additions:

- None

Removals:

- None

#### B. Recent Events:

Commercial Operation:

- 5/31/10 – **Copper Mountain Solar 1** began delivering energy from the first 8 MW of installed capacity. At the end of September, the project capacity is expected to reach 28 MW. Guaranteed commercial operation date for the full 48 MW of the project is 7/20/2011.

Construction Start:

- None

Recent Executions:

- 9/03/10 – **Kiara Solar** PPA is a 5.8 MW biomass plant (Kiara Biomass) near Anderson, CA. This plant is a former QF named Wheelabrator Hudson.
- 9/21/10 – Northstar Solar PPA is a 60 MW solar PV facility located in Fresno County.
- 9/22/10 – Three Forks PPA is a 1.8 MW run-of-river hydro facility located in Humboldt County.

Missed Milestones:

- None

Recent CPUC Approvals:

- 9/2/10 – **Alpine Solar** Amended and Restated PPA was approved in Resolution 4356-E.
- 9/2/10 – **Montezuma Wind PPA** was approved in Resolution 4353-E.
- 9/23/10 – **Desert Sunlight** was approved in Resolution 4357-E.

Recent Major Amendments:

- None

Termination:

- None

#### C. Upcoming Events:

Commercial Operation:

- 10/4/10 – **Vantage Wind** expected to have completed construction and achieve COD.

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- 10/1/10 – **Barclays Hay Canyon Wind** is an operational wind facility, expected to begin deliveries of brown power to PG&E. PG&E will pay for and receive the related Green Attributes upon CPUC approval.
- 11/1/10 – **Barclays Nine Canyon Wind** is an operational wind facility, expected to begin deliveries of brown power to PG&E. PG&E will pay for and receive the related Green Attributes upon CPUC approval.
- 12/31/10 – **Hatchet Ridge Wind** began delivering test energy in July, with the full COD by 12/31/10.
- 1/31/2011 – **Montezuma Wind Energy** is expected to begin delivering test energy on approximately November 3, 2010, with the full COD expected by 1/31/10.

### Expected Construction Start:

- 9/30/10 – **Mt. Poso's** expected construction start date should occur by the end of September 2010 (was 8/31/10). Their Guaranteed CSD was moved to 11/21/10 due to permitting delays of 82 days allowed by the PPA.
- 10/1/10 – **Agua Caliente** is expected to start construction prior to its guaranteed construction start date of 6/1/11.
- 10/1/10 – **AV Solar Ranch 1** is expected to start construction prior to its guaranteed construction start date of 8/31/11.
- 11/30/10 – **Sand Drag and Sun City Solar Farms** are expected to start construction, pending CPUC approval
- 12/30/10 – **Avenal Park Solar Farm** is expected to start construction, pending CPUC approval.
- 1/1/11 – **Ivanpah Solar Electric Generating Station #1 and #3** are expected to start construction prior to their guaranteed construction start dates of 7/1/11.

### 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. Long term project viability is 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 two plants. Global has reported that they are close to a deal with one party and have several others interested. Their senior lender has stated that if a deal is not struck by 9/30/2010, then they will foreclose on the plants and will assume ownership. PG&E had 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.