

**From:** Joseph Diamond  
**To:** Wayne Mays  
**Subject:** Re: Pacific Solar Investments construction and work force information

Wayne,  
Thank you for the information. We were interested in the estimated dates of construction for all five phases of construction. For example, when would phase 1 construction start and end construction. In order to do the cumulative section for Solar 2, we analyse at the cumulative overlap of construction projects.

Thank you.  
Joseph Diamond Ph. D.  
Economist  
California Energy Commission

>>> "Mays, Wayne" <Wayne.Mays@iberdrolausa.com> 8/15/2008 11:35 AM >>>  
Joe, thank you for your questions with regard to our Pacific Solar Investments project. IBERDROLA RENEWABLES, Inc. responses follow:

<b>DOCKET</b>	
<b>08-AFC-5</b>	
DATE	<u>8/15/2008</u>
RECD.	<u>8/6/2009</u>

(1) Estimated dates of construction and expected operating life of the project. Please see attached high level Microsoft Project schedule that shows the five project phases. Phases one through three are 300 MW concentrating solar power (CSP) projects. Phases four and five are each 300 MW photovoltaic (PV) projects. Operating life for each project phase is 30 years.

(2) Monthly estimates of total construction labor force including the monthly peak construction workforce. Please see the attached Microsoft Excel spreadsheet. This spreadsheet shows estimates of the average and peak staffing through the construction cycle. Note that there is overlap between the CSP and PV projects so the onsite staffing will be the sum of the two during the concurrent construction period.

(3) Operation workforce (number of workers). An estimate of the operation workforce is included in the Excel spreadsheet.

Please let me know if you have followup questions or comments. Thanks.  
Wayne.

Wayne E. Mays, P.E.  
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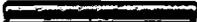
Please be advised that PPM Energy, Inc. has changed its name to Iberdrola Renewables, Inc. Please be advised that Scottish Power Holdings, Inc. has changed its name to Iberdrola Renewables Holdings, Inc. Please be advised that PPM Energy Canada Ltd. has changed its name to Iberdrola Canada Energy Services.

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**CC:** Paula David

ID	Task Name	Duration	Start	Finish	Pri	Re	2009		2010		2011		2012		2013		2014		2015
							H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	
1	300 MW CSP	24 mons	Wed 7/29/09	Tue 5/31/11					████████████████████										
2																			
3	300 MW CSP	24 mons	Mon 8/1/11	Fri 5/31/13								████████████████████							
4																			
5	300 MW CSP	20 mons	Mon 7/22/13	Fri 1/30/15												████████████████████			
6																			
7	300 MW PV	16 mons	Thu 8/11/11	Wed 10/31/12							████████████████████								
8																			
9	300 MW PV	16 mons	Mon 8/12/13	Fri 10/31/14													████████████████████		

Project: Pacific Solar Investments ove  
Date: Fri 8/15/08

- Task 
- Split 
- Progress 

- Milestone 
- Summary 
- Project Summary 

- External Tasks 
- External Milestone 
- Deadline 