



March 18, 2010

Mr. Iain Fisher
CEQA Project Manager
Energy Division
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102-3296

Re: Tule Wind Project - Response to Data Request No. 1

Dear Mr. Fisher:

Pacific Wind Development, Inc., a wholly owned subsidiary of Iberdrola Renewables, Inc. (IBR) received your Data Request No. 1 regarding the Tule Wind Project. Enclosed is IBR's response.

If you have questions regarding this information, please contact me at 503.796.7781 or Shannon D'Agostino at 703.752.7755 ext. 113.

Sincerely,

Jeffrey Durocher
Wind Permitting Manager

cc (via e-mail): Greg Thomsen, BLM (GThomsen@blm.gov)
Thomas Zale, BLM (Thomas_Zale@blm.gov)
Jeffery Childers, BLM (jchilders@blm.gov)
Rica Nitka, Dudek (rnitka@dudek.com)
Shannon D'Agostino, HDR (Shannon.D'Agostino@hdrinc.com)

Encl.

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Response to Data Request No. 1

1. Proposed Project Estimate of Surface Land Disturbance
 - a. The area of disturbance is 24 feet. Although the ROW easement is 100 feet, not all of that area is disturbed. The 100 ft easement width is intended to prevent encroachments and for safety.
 - b. The 50 x 150 feet is temporary disturbance within the 100-foot ROW easement. The 150-foot area spans lengthwise within the 100 feet ROW so it does not extend beyond the ROW. The permanent disturbance for each pole is approximately 8 feet in diameter. The table will be revised to provide this clarity.
 - c. There are three temporary meteorological towers that have already been approved under separate environmental processes and not included in this action; the approval for three others is pending. The relevant language has been revised. The Tule Project contains two permanent met towers as part of the project, which are of a different design than temporary meteorological towers. The Tule project maps show two preferred met tower locations and two alternate met tower locations. The area of permanent disturbance for each tower is approximately 900 square feet. The temporary disturbance is 1,600 square feet. The total area is 2,500 square feet.
2. Typical 34.5 collector cable system structures (figures 5(a) and 5(b)). were included in the POD previously submitted to the agencies.
3. Socioeconomic Analysis Data Needs
 - a. The following table contains the estimated and anticipated work force by month for an assumed 18-month construction schedule.

Month	Site Labor
1	10
2	10
3	20
4	60
5	70
6	80

7	100
8	125
9	125
10	125
11	100
12	80
13	80
14	60
15	40
16	20
17	20
18	10

- b. At a minimum, it is anticipated that laborers, electricians, carpenters, linemen, ironworkers, equipment operators, and technicians will be utilized for the project.
- c. IBR estimates that 60-70% of the site labor will be employed locally.
- d. The labor category of the operational work force is "Technicians."
- e. The following is a categorized estimate of local construction expenditures and contracts. In summary, local construction expenditures are estimated to be \$3,407,000 and a minimum of 11 local contracts are anticipated.

Economic impact for San Diego County area:

- Equipment Rental \$1,300,000
- Materials – Portland Cement \$300,000
- Materials – Vaults \$350,000
- Materials – Culverts/ Drainage \$100,000
- Services – Portable Toilets \$12,000

- Services – Traffic Control \$20,000
 - Services - Trailer Rental \$25,000
- f. Local contracts potentially awarded (the prime contractor may self-perform or sub-contract for these services):
- O&M building \$750,000
 - Fencing, Gates \$150,000
 - Boring \$100,000
 - AC Paving \$ 400,000
- g. It is estimated that over \$2,000,000 annually will be expended locally for O&M purposes.

4. ¹PEA Maps and Figures – GIS or original file data

IBR will provide updated figures, GIS data, or original file data by separate transmission from its consultant, HDR. Currently all of the disturbance calculations, GIS data and figures are being updated to accurately portray the maximum potential impacts. These changes include the addition of 10 more proposed turbines locations (134 total) with associated collector cables and access roads, access roads on Campo land, including a deviant (alternate location) for the O&M and collector substation facility to the proposed (not a separate alternative) at the request of BLM, and adjusting the 138 kV t-lines connecting to the Rebuilt Boulevard Substation, not the existing Boulevard Substation.

¹ The original request contained two requests labeled “3.”