

## Hamre, John G.

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**From:** Bauske, Shelly A.  
**Sent:** Tuesday, September 01, 2009 10:15 AM  
**To:** Hamre, John G.  
**Subject:** FW: PU-05-305 Rugby Wind - Weekly Status Update 8/29/09

**From:** Powers, Keith [mailto:Keith.Powers@iberdrolausa.com]  
**Sent:** Monday, August 31, 2009 9:43 PM  
**To:** -Info-Public Service Commission; Lein, Jerry R.  
**Cc:** Seck, Timothy; Landoni, Peter; Lallum, Erik; Powers, Keith  
**Subject:** RE: PU-05-305 Rugby Wind - Weekly Status Update 8/29/09

Commissioners,

Below is the construction status of the Rugby Wind Farm project for the week ending 8/29/09. Please contact me with any questions or comments.

### Civil/Erection:

Access Roads Built:	90,000' of 90,000' (100%)
Offsite Public Road Upgrades:	Upgrades complete
Foundations Poured and Backfilled:	71 of 71 (100%)
Turbine Deliveries:	Complete
Turbines Erected:	62 of 71 (87%) the remaining 9 turbines partially erected
Turbines Mechanically Complete:	30 of 71 (42%)
Concrete Batch Plant:	Removed
O&M Building Construction:	99%
Reclamation around Turbines:	Continues

### Electrical:

#### Substation Status

- Structural steel is 100% complete.
- Duct banks are 100% complete.
- Conduit is 100% complete.
- Below grade grounding is 100% complete.
- Above grade grounding is 100% complete.
- 230kv/34.5kv breakers set and dressed out.
- Reactors installed.
- Oil containment installed.
- Power transformer dressed out and tested.
- Switchgear off-loaded and installed.
- Bus welding complete.
- Control cable terminations 100% complete.
- Yard rocked and ditches complete.

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#### Transmission Line Status

- All poles have been hauled to their locations along the route.

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Rugby Wind Weekly Status Update, Aug. 29, 2009

Rugby Wind LLC

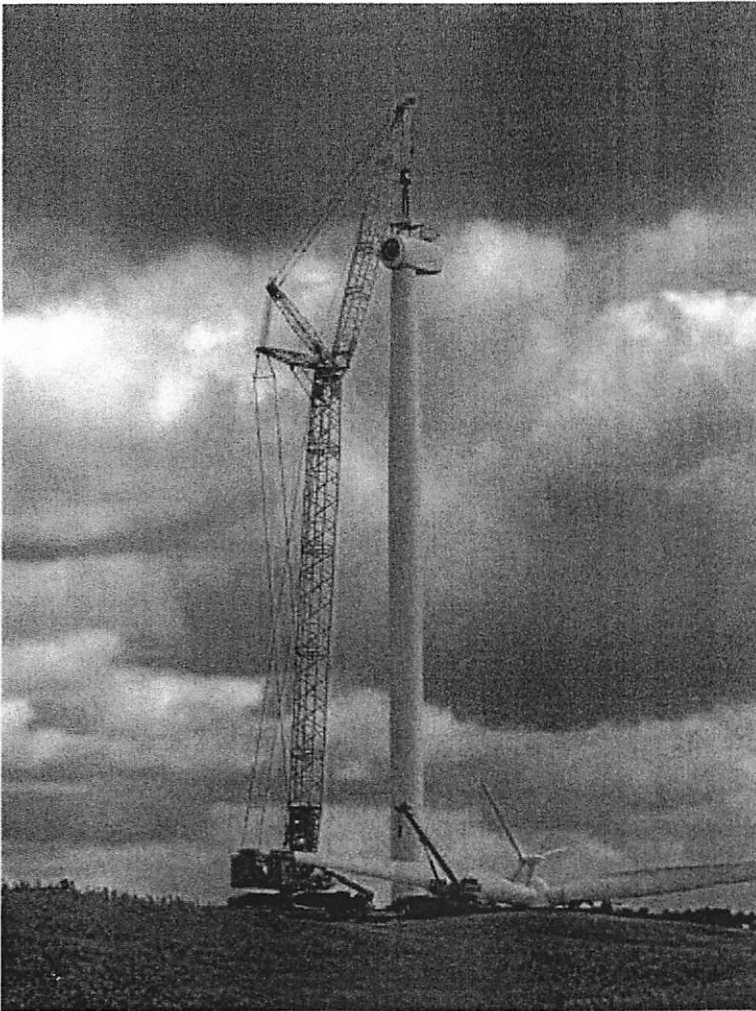
- Structures 84 of the 84 have been framed.
- Poles 180 of the 180 have been set.
- All conductor has been pulled, sagged, and clipped.
- Span into collector substation is complete.
- Span into interconnect substation complete except for jumpers down to switch.
- Erosion control measures are inspected every two weeks.
- All trees have been cleared along route.

#### 34.5kV OH Collector Line Status

- All poles have been hauled to their locations along the route.
- All trees have been cleared along route.
- Erosion control measures have been installed along route.
- 142 poles have been framed.
- 145 structures have been set.
- Conductor pulled and clipped on ~ 4-miles of circuit.

#### 34.5kV UG Collector Status

- Trenching is complete.
- 71 pad-mount transformers have been set and 63 terminated on the 34.5kV side.
- 37 low-voltage terminations have been completed.
- Seventeen junction boxes have been set and terminated.
- Fiber terminations have been completed in 22 turbines.
- PD tests have been performed on 51 UG circuit segments, and retests have been completed on repaired terminations.



Regards,

Keith



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