



Monday, September 29, 2008

FPL ENERGY ASHTABULA WIND, LLC
LIVERNE, NORTH DAKOTA

SUBSTATION & TRANSMISSION LINE
Plan of the Day (POD)

Weather Forecast: **Sunny**
 High: **62°F** Low: **36°F**
 Winds: **NW @ 8 mph**
 Precipitation Chances: **0%**

FPL Energy Otter Tail Power Company MJ Electric

Substation

- **Switch gear & timing**
- **Above grade grounding**
- **Fencing posts**

Lay-down Yard

- **Grading and preparing yard for gravel**

Electrical Construction

- **Fiber people testing & splicing OPGW**

Miscellaneous

- **Run static for ICS @ sub**
- **Picking up stringing blocks**

<i>RECEIVING (As of COB yesterday)</i>				
Substation Materials	Total	Rec'd	Balance	
Power Transformer 241.5 kV/225 MVA	1	1	0	
Power Transformer 69kV/125MVA (Lease)	1	1	0	
HV Motor Disconnect Switch - 230kV 1200A	2	2	0	
HV Manual Disconnect Switch 230kV 1200A	3	3	0	
LV Manual Disconnect Switch 34.5kV 2000A	4	4	0	
LV Manual Disconnect Switch 34.5kV 4000A	1	1	0	
LV Manual Disconnect Switch 34.5kV 1200A	10	10	0	
LV Hook Disconnect Switch 34.5kV 1200A	60	60	0	
HV Circuit Breaker 230kV 1200A	2	2	0	
LV Open Air Breaker 34.5 kV 2000A 40 kA	2	2	0	
LV Open Air Breaker 34.5 kV 1200A 40 kA	10	10	0	
Switchgear with Building	1	1	0	
Control House	1	1	0	
HV CCVTs 230kV	3	3	0	
HV CCVTs 69kV	3	3	0	
Metering Units	1	0	1	
Metering Units CT	3	0	3	
Metering Units PT	3	0	3	
Support Steel and Substation Package	1 Lot	1	0	
Neutral Reactor	1	1	0	
SUBSTATION CONSTRUCTION			% Complete	
Galvanized Steel Structures			100%	
Rigid Bus System (FT)			100%	
Flexible Bus Jumper			100%	
Insulators			100%	
Disconnect Switches			100%	
Surge Protectors			100%	
Circuit Breakers			100%	
CCVTs, Metering CTs and PTs			88%	
Conduit - Below Grade			100%	
Conduit - Above Grade			100%	
Cable Trenwa System			100%	
Equipment Cable Installation (# of runs)			99%	
Equipment Cable Termination			90%	
Conduit, Ground Bank, Fiber Enc., UG Cable, St Srv., Xfmr			100%	
Crushed Rock Surfacing			0%	
Grounding - Below Grade			100%	
Grounding - Above Grade			80%	
Station Lighting			100%	
Sub Signage and Fence			0%	
Foundations			100%	
Testing			0%	

Interconnect Transmission Line



T-LINE CONSTRUCTION	Complete	Balance	% Complete
Tangent (laminated) foundations excavated	74	0	100%
Tangent (laminated) structures framed	74	0	100%
Tangent (laminated) structures set	74	0	100%
Dead-end/angle foundations excavated	14	0	100%
Dead-end/angle foundations poured	14	0	100%
Dead-end/angle (steel) structures framed	14	0	100%
Dead-end/angle (steel) structures set	14	0	100%
Spans of 1272 Bitterm conductor strung	267	0	100%
Spans of 1272 Bitterm sagged and clipped	267	0	100%
Spans of OPGW strung, attached and grounded	89	0	100%
OPGW splices/terminations completed	0	4	0%
Miles of distribution line leaned	6	0	100%
Miles of distribution line dismantled & removed	5.9	0.1	98%
Foundation excavation spoils disposed	88	0	100%
Reclamation	0	100%	0%

Plan of the Day contents shall not be forwarded or distributed without prior written consent of FPLE