



Friday, September 5, 2008

**FPL ENERGY ASHTABULA WIND, LLC  
LIVERNE, NORTH DAKOTA**

**SUBSTATION & TRANSMISSION LINE  
Plan of the Day (POD)**

**Weather Forecast: Mostly Cloudy  
High: 67°F Low: 42°F  
Winds: NW @ 9 mph  
Precipitation Chances: 51%**

**FPL Energy**

**Otter Tail Power Company**

**MJ Electric**

**Substation**

- Install insulators, bus work North East yard
- Above grade conduit on East CB's

**Lay-down Yard**

**Electrical Construction**

- Clipping in conductor 4 -32
- Clipping in OPGW 4 -32

**Miscellaneous**

- Moving hardline trailer down to structure 89

*RECEIVING (As of COB yesterday)*

Substation Materials	Total	Re c'd	Balance
Power Transformer 241.5 kV/225 MVA	1	1	0
Power Transformer 69kV/125MVA (Lease)	1	0	1
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	0	1
Control House	1	0	1
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%
Bus Conductors, Fittings, Insulators & Associated Materials			25%
Disconnect Switches			25%
Surge Protectors			75%
Circuit Breakers			86%
CCVTs, Metering CTs and PTs			33%
Equipment Control Cable, Conduit, Power Cable & 300' of Cable Trenwa System			5%
Conduit, Ground Bank, Fiber Enc., UG Cable, St Srv, Xfmr			75%
Crushed Rock Surfacing			0%
Grounding			40%
Station Lighting			0%
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	10	4	71%
Dead-end/angle (steel) structures set	10	4	71%
Spans of 1272 Bitem conductor strung	93	174	35%
Spans of 1272 Bitem sagged and clipped	3	264	1%
Spans of OPGW strung, attached and grounded	2	87	2%
OPGW splices/terminations completed	0	4	0%
Miles of distribution line leaned	6	0	100%
Miles of distribution line dismantled & removed	5.75	0.25	96%
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