



Wednesday, August 6, 2008

FPL ENERGY ASHTABULA WIND, LLC
LIVERNE, NORTH DAKOTA

SUBSTATION & TRANSMISSION LINE
Plan of the Day (POD)

Weather Forecast: **Partly Sunny**
High: 85°F Low: 52°F
Winds: NNW @ 3 mph
Precipitation Chances: 2%

FPL Energy Otter Tail Power Company MJ Electric

Substation

- Steel structures delivery today
- Grounding West to East
- Dead-end spread FTG
- Midwest testing concrete

Electrical Construction

- Setting Structures 36, 37, 44, 61, 62, 63, 68, 69
- Framing structures 44, 61, 62, 63, 68, 69,

Miscellaneous

- Longfellow drilling structure 32

<i>RECEIVING (As of COB yesterday)</i>			
Substation Materials	Total	Rec'd	Balance
Power Transformer 241.5 kV/225 MVA	1	0	1
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	0	10
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	0	1 Lot
Neutral Reactor	1	1	0
SUBSTATION CONSTRUCTION			% Complete
Galvanized Steel Structures			0%
Bus Conductors, Fittings, Insulators & Associated Materials			0%
Disconnect Switches			0%
Surge Protectors			0%
Circuit Breakers			0%
CCVT's, Metering CT's and PT's			0%
Equipment Control Cable, Conduit, Power Cable & 300' of Cable Trenwa System			0%
Conduit, Ground Bank, Fiber Enc., UG Cable, St Svc, Xfmr			0%
Crushed Rock Surfacing			0%
Grounding			20%
Station Lighting			0%
Sub Signage and Fence			0%
Foundations			69%
Testing			0%

Interconnect Transmission Line

T-LINE CONSTRUCTION	Complete	Balance	% Complete
Tangent (laminated) foundations excavated	48	74	65%
Tangent (laminated) structures framed	48	74	65%
Tangent (laminated) structures set	46	74	62%
Dead-end/angle foundations excavated	5	14	36%
Dead-end/angle foundations poured	5	14	36%
Dead-end/angle (steel) structures framed	0	14	0%
Dead-end/angle (steel) structures set	0	14	0%
Spans of 1272 Bitem conductor strung	0	267	0%
Spans of 1272 Bitem sagged and clipped	0	267	0%
Spans of OPGW strung, attached and grounded	0	89	0%
OPGW splices/terminations completed	0	4	0%
Miles of distribution line leaned	6	6	100%
Miles of distribution line dismantled & removed	0	6	0%
Foundation excavation spoils disposed	0	88	0%
Reclamation	0	100%	0%



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