



Monday, September 8, 2008

FPL ENERGY ASHTABULA WIND, LLC
LUVERNE, NORTH DAKOTA

SUBSTATION & TRANSMISSION LINE
Plan of the Day (POD)

Weather Forecast: **Mostly Cloudy**
High: 63-F Low: 37-F
Winds: W @ 3 mph
Precipitation Chances: 16%

FPL Energy	Otter Tail Power Company	MJ Electric
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Substation

- Assemble switch platforms
- Bus work in North East yard
- Above grade conduit
- Install PT's & arrestors in East yard
- Trenwa around control house 100'

Lay-down Yard

Electrical Construction

- DE'ing & clipping in conductor 79 -89
- Installing blocks 7 rope from 32 - 78

Miscellaneous

- Hard-line set up @ 78 to pull back to 32
- Unloading 4 steel tops.

<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	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	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%
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 Bitterm conductor strung	120	147	45%
Spans of 1272 Bitterm sagged and clipped	87	180	33%
Spans of OPGW strung, attached and grounded	30	59	34%
OPGW splices/terminations completed	0	4	0%
Miles of distribution line leaned	6	0	100%
Miles of distribution line dismantled & removed	5.8	0.2	97%
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