



Thunder Spirit Wind Weekly PSC Update

Case #: PU-11-601

Week Ending 08/28/2015

Wanzek completed a majority of the civil work this week. They finished backfilling foundations, finished constructing roads, finished constructing the hardstands for turbine components and crane pads. The electrical collection crews continued trenching from tower to tower. They also continued setting padmount transformers and terminating conductor in turbines. The substation crew offloaded the main power transformer onto the foundation, set breakers and welded busbars.

Wind turbine deliveries continued this week as Nordex delivered five full turbine sets. There were also numerous other nacelles, drivetrains, hubs, blades and tower sections delivered. Wanzek fully erected the first four wind turbines.

Workforce:

ALLETE Clean Energy - 5

Wanzek - 156

Nordex - 13



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Case #: PU-11-601

Week Ending 08/21/2015

Wanzek civil crews continued to level turbine sites and prepare them for component deliveries. They also continued to back fill foundations, completing 3 more foundations. The electrical collection crews continued trenching from tower to tower. They also continued to install conduit in the pedestals of the turbine foundations and setting padmount transformer box pads. The substation crew continued erecting steel structures and installing conduit. Tower erection continued this week with base and mid sections at 3 more locations.

Wind turbine deliveries continued this week, as Nordex delivered five full turbine sets. There were also numerous other nacelles, drivetrains, hubs, blades and tower sections delivered.

Workforce:

ALLETE Clean Energy - 3

Wanzek - 156

Nordex - 9