BORDER WINDS ENERGY PROJECT

WEEKLY PROJECT REPORT

Weekly report no:	55
Report for week period ending COB Friday:	08/14/15
Calendar week no:	33

Executive Summary

Week's Highlights

- Substation was energized on Monday, 8/10/2015 and REI demobilized from site on 8/13/2015.
- Cherie Mecca, HSQE manager at RES was on site to complete the QA/QC audit.
- Mike Hogan, Project Controls Manager at RES was on site for DOT audit and compliance.
- Steve Hjermstad, VP of Engineering and Constructing at Xcel Energy was on site for our weekly and monthly meeting and report.
- Completed VLF testing for Circuit 5 on 8/14/2015 and Circuit 6 on 8/13/2015.
- SCADA O&M Commissioning is scheduled to occur on 8/19/2015 through 8/20/2015.
- Complete turbine deliveries of all 75 sites on 8/13/2015.

Week's Key Issues

- Offload/Base/Mid crew has been working extra-long days all week to assist Vestas in offload schedule to allow them to stay in compliance with road travel permits. Due to road construction permits would not be issued past 8/13/2015. Crew successfully offloaded all components before the construction occurred. Had the deliveries not been offloaded in time, offloads would have been delayed approximately 30 days.

- A rental crane brought in to clean black marks off T25 & T26 arrived with a hydraulic crack which occurred during transportation from Fargo, North Dakota and was inoperable. A replacement Liebherr 350 arrived on 8/12/2015.

Safety

Type	Lost Time	Recordable Injury (Medical Aid)	Minor Injury (First Aid)	Equipment Property Damage	Near Miss	Safety Walks
Current Period	0	0	0	0	0	21
Project To Date	1	3	13	38	84	652

*Full description of week's Safety Log plus the formulas for TRIR and Safety index calculation in Exhibit 2.

TRIR: Previous Week = 2.22 / Current week = 2.11

RES Safety Index: Previous Week = 0.51/ Current week = 0.49

Weeks Highlights:

- Cable crew accomplished the last cable pull through the bores on county road 52nd and 43rd without any injuries or damages to equipment or workers.
- Rosendin demobilized from the site after having finished up safely. RES safety did thank both groups for their efforts on site and for the good quality work that was performed.
- American Wind Transport also delivered their last turbine component and finished out the day safely along with the RES erection team as they had to put in a long day to finish up within their permits time limit.

Weeks Issues:

- An unidentified person backed in to a RES company truck which was parked in the O&M area and did not report it to anyone. The vehicle had been parked on 8/13/2015 and on the morning of 8/14/2015 they returned to use the truck. As they went to add a hitch to the truck it was found to be damaged. Investigation is underway.
- To accelerate the top-out schedule a night shift will commence on 8/17/2015. In preparation of working at night personal LED lights have been ordered for all personnel to wear during the shift. A risk assessment is being prepared to address all hazards and will be completed before the night work begins. Light plants arrived on 8/13/2015.

Project Work Hours:

- Weekly Man-hours: 15,622.00
- Total Project Man-hours: 377,857.00
- Hours since Last Recordable Injury: 50,343.00

Environmental

Type	Major Incident	Minor Incident	Near Miss	Observation
Current Period	0	0	0	2
Project to Date	0	77	7	64

*Full description of week's Environmental Report and Rolling Incident Score formula in Exhibit 2.

Rolling Incident Score: Previous week: 0.63 / Current Week: 0.59

Week's Highlights:

- Completed the week without any spills or leaks.
- Additional trash bins will be provided by Waste Management on 8/17/2015.

Week's Issues:

- Continuing issue with replacing the trash roll off in the laydown yard. The vendor has had an issue with the truck and is still working scheduling a pick up date.

Quality

Type	RES Issued NCRs				Client Issued NCRs		
	Issued	Open	Closed		Issued	Open	Closed
Current Period	0	0	0		0	0	0
PTD	4	1	3		10	4	6

*Full description of week's Quality Report can be found in Exhibit 4

NCRs Issued Details:

- Xcel issued NCR-2015-026 for not having 115V outlets at work locations per page 1 exhibit I of the Purchase and Sale Agreement.
- Xcel signed NCR-2014-38 for closure in regards to the grounding installation at T3.

Week's Highlights:

- Building & Earth: Witnessed compaction test for access roads reclamation and sampling and breaking grout cubes.
- The roads on site are being proof rolled and density (compaction) tested with inspection done by Building and Earth for quality control and assurance.
- Working on job books and Vestas mechanical completion books.
- Monitor grout placement at T7, T11, T19, T77, T78, T79 & T80.

SCHEDULE STATUS

Project duration	68
No. of weeks into contract	57
Contract time passed (%)	84%

Key Activities (Construction)	Weighted %	Percentage Complete		
		Contract Schedule	Construction Schedule	Actual
Design Engineering	2.5%	100.0%	100.0%	100%
Roads & Crane Pads	20.0%	100.0%	99.0%	86%
Foundations	20.0%	100.0%	100.0%	100%
Collection System	21.5%	69.0%	100.0%	89%
Substation	15.0%	89.0%	100.0%	98%
O&M Building	6.0%	100.0%	99.0%	99%
WTG Delivery, Erection, & MCC	15.0%	50.0%	50.0%	57%
Overall Actual Percent Complete		**84.2%**	**92.2%**	**88.1%**

PROGRESS REPORT

PERMIT STATUS

Permit Type / Description	County / State	Responsible Group	Date Needed By	Status
FAA Part 2	Federal	RES	Final Height	OPEN

CONSTRUCTION STATUS

Certificates	Total	Submitted	Signed
Foundation Completion Certificate	75	75	75
Mechanical Completion Certificate	75	12	4
Electrical Works Completion Certificate	1	0	0
Project Mechanical Completion Certificate	1	0	0
Project Substantial Completion Certificate	1	0	0
Project Final Completion	1	0	0

Roads & Crane Pads					
Item	Weighted %	Budget	Total Completed	Total Remaining	Percent Complete
Roads	**70%**		**Roads**		**80.0%**
Rough Grade	30%	137,622	137,622	-	100.0%
Sub Grade	30%	137,622	137,622	-	100.0%
1st Lift	20%	137,622	137,622	-	100.0%
Shoulders	10%	152,837	0	152,837	0.0%
Ditches	10%	152,837	0	152,837	0.0%
Crane Pads & Site Laydown	**30%**		**Crane Pads & Site Laydown**		**100.0%**
WTG Site Ready for Delivery	30%	75	75	0	100.0%
Cut & Subgrade Compacted	40%	75	75	0	100.0%
Material Placed & Compacted	30%	75	75	0	100.0%
				Roads & Crane Pads Progress	**86%**

Comments:

- Continue to maintain roads to support WTG component delivery.
- The roads on site are being proof rolled and density (compaction) tested with inspection done by Building and Earth for quality control and assurance.
- Started reclamation of WTG pads on Circuit 5 and radius removal.
- Civil crew started reclaiming collection line to avoid schedule conflict with turbine crews and allow turbine crew and Vestas to complete their work in the towers as needed.

Foundations					
Item	Weighted %	Budget	Total Completed	Total Remaining	Percent Complete
Excavations	10%	75	75	0	100.0%
Mud Mats	5%	75	75	0	100.0%
Bases	40%	75	75	0	100.0%
Pedestals	20%	75	75	0	100.0%
Earthing Kit	5%	75	75	0	100.0%
Backfill	20%	75	75	0	100.0%
				Foundation Progress	**100.0%**

Comments:

- All foundation work complete.

COLLECTION SYSTEM

Item	Weighted %	Quantity	Total Received	Total Remaining	Percent Complete
Deliveries	**30.0%**		**Deliveries**		**100%**
MV Cable	50.0%	901,972	314,910	0	100%
Fiber	40.0%	335,107	336,590	0	100%
Junction Boxes	5.0%	28	28	0	100%
Grounding Transformers	5.0%	6	6	0	100%
Installations	**50.0%**		**Installations**		**95.0%**
Trench	40.0%	278,230	277,230	1,000	99.6%
MV & Fiber/Ground Cable	50.0%	297,945	294,473	3,472	98.8%
Junction Boxes	10.0%	28	14	14	50%
Terminations	**20.0%**		**Terminations**		**51.0%**
MV Cable at WTG switch gear	45.0%	75	32	43	42.7%
Junction Boxes	35.0%	28	16	12	57.1%
Underground MV Splices	20.0%	29	27	3	84.4%
			Collection System Progress:		**88.7%**

Comments:

- Completed the last cable pull into the substation on 8/10/2015.
- Completed VLF testing for Circuit 5 on 8/14/2015 and Circuit 6 on 8/13/2015.
- Completed six (6) MV terminations on Circuit 6 at the switchgear. All Circuit 6 MV terminations are complete.
- Completed the remaining three (3) fiber terminations on Circuit 1B.
- Identified 3 locations with broken duct for fiber. IFS was on site on 8/13/2015 and started working on fiber splicing and repairing the areas.
- Collection crew demobilized from site on 8/10/2015. Civil crew will complete the remaining junction box installations and termination crew will remain on site until associated work is complete.

O&M Building					
Item	Weighted %	Budget	Total Completed	Total Remaining	Percent Complete
Design	4.0%	100%	100%	0%	100.0%
Earthworks	8.0%	100%	100%	0%	100.0%
Septic System	4.0%	100%	100%	0%	100.0%
Water Service and Filter	4.0%	100%	100%	0%	100.0%
Delivery	5.0%	100%	100%	0%	100.0%
Foundation Floor slab	9.0%	100%	100%	0%	100.0%
Electrical prep, rough-in and trim out	5.0%	100%	100%	0%	100.0%
Plumbing prep, rough-in and trim out	8.0%	100%	100%	0%	100.0%
Building Erect and enclose	8.0%	100%	100%	0%	100.0%
Internal Walls & Ceiling	9.0%	100%	100%	0%	100.0%
HVAC	8.0%	100%	100%	0%	100.0%
Finishes prep, rough-in and trim out	12.0%	100%	100%	0%	100.0%
Grading, Drainage	8.0%	100%	91%	9%	91.0%
Cleaning and Shop Finish	4.0%	100%	100%	0%	100.0%
Security System	4.0%	100%	100%	0%	100.0%
				O&M Building Progress	**99.3%**

Comments:

- SCADA O&M Commissioning is scheduled for 8/19/2015 and 8/20/2015.
- Working through the last few punch list items with AB systems. Anticipating completing all remaining work by the end of August.
- RES is working on the grading to prepare for the landscaping work to commence on 8/18/2015.
- Plumbers were on site to address the water leak in the men's restroom.

SUBSTATION

Item	Weighted %	Budget	Total Completed	Total Remaining	Percent Complete
Engineering	**10%**		**Engineering**		**100%**
IFC Drawings	**100%**	**100%**	**100%**	**0%**	**100%**
Procurement and Delivery	**20%**		**Procurement and Delivery**		**100%**
Foundation Rebar & Cages	5.00%	100%	100%	0%	100.00%
Breakers - Low and High Sides	15.00%	100%	100%	0%	100.00%
Reactors, Cap Back and Switchers	20.00%	100%	100%	0%	100.00%
MPT 230/34.5kV	10.00%	100%	100%	0%	100.00%
Grounding Transformer	5.00%	100%	100%	0%	100.00%
EEE - Control Building with DC Station	15.00%	100%	100%	0%	100.00%
Grounding Wire, Rods and Accessories	5.00%	100%	100%	0%	100.00%
Dead End and Static Mast	5.00%	100%	100%	0%	100.00%
Structural Steel and Bus	10.00%	100%	100%	0%	100.00%
MET Tower Foundation	5.00%	100%	100%	0%	100.00%
Chain Link Fence and Gates	5.00%	100%	100%	0%	100.00%
Construction	**70%**		**Construction**		**99%**
Site Preparation & Grading	3.00%	100%	100%	0%	100.00%
Site Aggregate and Finishing Rock	3.00%	100%	100%	0%	100.00%
Foundations work for substation	9.00%	100%	100%	0%	100.00%
Breakers, Switches, PTs, CTs	12.00%	100%	100%	0%	100.00%
Reactors, Cap Back and Switchers	8.00%	100%	100%	0%	100.00%
EEE - Energize and Finish	4.00%	100%	100%	0%	100.00%
Ground Grid, Conduits, Trenwa	12.00%	100%	100%	0%	100.00%
Structural Steel, Risers, Bus	12.00%	100%	100%	0%	100.00%
Collection Risers/Feeders and GTs	8.00%	100%	100%	0%	100.00%
EEE Wire Pull, Termination and Test	5.00%	100%	100%	0%	100.00%
SCADA Fiber Optic Cables Pull	4.00%	100%	95%	5%	95.00%
Chain Link Fence, Gates	4.00%	100%	100%	0%	100.00%
MPT Testing and Commissioning	4.00%	100%	100%	0%	100.00%
MET Tower Install, Wiring and Testing	4.00%	100%	95%	5%	95.00%
Substation Commissioning	6.00%	100%	100%	0%	100.00%
Hand over of Job Books	2.00%	100%	80%	20%	80%
				Substation Progress	**99.4%**

Comments:

- Substation was energized on 8/10/2015.
- Ongoing installation of grounding transformers.
- Rosendin completed punch list items. RES and REI went over punch list items that have been completed and issue a revised list and schedule for Xcel to verify punch list closeout.
- Dakota Fence was onsite to finish CAD welding the top of the fence.
- Completed the rock placement at the substation pad outside of the fence.
- REI demobilized from site on 8/13/2015.
- Circuit 1B will be energized on 8/19/2015.
- Substation's Job Books were delivered for revision.

Turbines					
Item	Weighted %	Budget	Total Received	Total Remaining	Percent Complete
Deliveries	**20.0%**	**Delivered to turbine pad**			**100.0%**
Base	15.0%	75	75	0	100.0%
Mid	14.0%	75	75	0	100.0%
Upper Mid	14.0%	75	75	0	100.0%
Top	14.0%	75	75	0	100.0%
Nacelle	14.0%	75	75	0	100.0%
Hub	14.0%	75	75	0	100.0%
Blades	15.0%	75	75	0	100.0%
Erection	**60.0%**	**Erection**			**58.2%**
Base	17.0%	75	74	1	98.7%
Mid	16.0%	75	57	18	76.0%
Upper Mid	16.0%	75	33	42	44.0%
Top	17.0%	75	33	42	44.0%
Nacelle	17.0%	75	33	42	44.0%
Blades	17.0%	75	32	43	42.7%
Mechanical Completions	**20.0%**	**Mechanical Completions**			**12.4%**
Walkdowns	33.3%	75	12	63	16.0%
MCC Submitted	33.3%	75	12	63	16.0%
MCC Signed	33.4%	75	4	71	5.3%
				Turbines Progress	**57.4%**

Week's Highlights

- Complete delivery and offloading of all 75 turbines.
- Set seven (7) bases, and stacked out five (5) complete WTGs.
- Completed four (4) mechanical completion walk downs, and submitted six (6) MCCs.

Week's Issues

- Offload/Base/Lower-mid crew has been working extra-long days all week to assist Vestas in offload schedule to allow them to stay in compliance with road travel permits.
- A rental crane was brought in to clean black marks off the blades at T25 & T26. It was damaged during transportation from Fargo, North Dakota and was inoperable on arrival. A replacement Liebherr 350 arrived on 8/12/15.
- Due to upcoming road construction on Hwy 30 and to assist Vestas in getting offloads complete prior to road construction and permits ending, the offload crew held off lower-mid stacking and walking to the next offload site to expedite the offload process. At the last two turbine sites bases were not set in order to offload the trucks.

Exhibit 1 – Site Photographs

Safety – Domino Award to Tom Kennon

Collection system – Empty cable reel

Reclamation – WTG pad

Collection – Cable trenching

Exhibit 2 – Safety Log

Formulas for TRIR and RES Safety Index calculation:

TRIR = ((Lost Time + Medical Aid) * 200,000) / Total Project Man Hours ((1+1) *200,000/ Total Project Man Hours
RES Safety Index = ((Lost Time*64) + (Injury*16) + (Minor Injury*4) + (Damage * 1) + (Near Miss*0.25))/Man Hours*1000
((1*64) + (3*16) + (13*4) + (38*1) + (84*.25)) / Total Project Man Hours * 1000

#	Date:	Incident Observed During:	Incident Type:	Company Involved:	Incident Details:	Corrective Action Details:	Actions Taken to Prevent Reoccurrence:
766	8/4/15	Normal Work Activities	Hazard Observation	Unknown/ Crop Dusters	Crop dusters by towers 31,32 and 33 spraying herbicide to kill wheat crop, erection crew at T-32.	Found crop dusters at the Rolla Airport and talked with them and gave them my phone number to call and give us advance notification if possible also obtained SDS for the herbicide.	I talked with our managers on site to see if we could talk to the land owners and ask them to give us proper notification when crop dusting may be going on so we can notify our crew and subcontractors.
784	8/10/15	Safety Walk	Hazard Observation	RES Erection	T-15 tarps, cibbing and trash lest behind this area's need's to be cleaned up.	Talked ton erection crew to let them know that we need to make sure all debris and trash needs to picked up before we leave the site.	Erection crew will clean T-15 and have crew pick up before they move to next pad.
785	8/10/15	Safety Walk	Hazard Observation	RES Erection	Barricade was not erected around crane.	Talked to the Erection Foreman and Barricade are not erected. No strikes issued.	All crews using barricades have been notified that barricades must be erected once they have reached the crane pads.
786	8/10/15	Safety Walk	Safe Work Observation	VESTAS	Vestas tech. performing blade repairs on T-6 good JHA, blade tech suing the proper ppe for fiber glass work and using the proper tools for the job.	None required at this time.	None, this was a Safe Observation.

#	Date:	Incident Observed During:	Incident Type:	Company Involved:	Incident Details:	Corrective Action Details:	Actions Taken to Prevent Reoccurrence:
787	8/12/15	Safety Walk	Safe Work Observation	RES Erection	T-20 crane properly barricaded, Good JHA, Good explanation of work being performed, all trucks had cones, over all good job.	None required at this time.	None, this was a Safe Observation.
788	8/12/15	Safety Walk	Hazard Observation	World Wind & Solar	T-59 pulled up on pad and noticed a World Wind & Solar worker with no safety glasses on, truck also had no cones displayed.	Talked to the worker without his safety glasses on he said he did not have clear glasses, I had him return to his office and get a pair, also had them get cones for the truck. No strikes issued correction made.	Safety Supervisor talked to the lead foreman and informed him that from now on if they cannot comply with RES polices strikes will be given.
789	8/12/15	Safety Walk	Hazard Observation	World Wind & Solar	T-40 World Wind & Solar truck had no cones displayed.	Worker's cones had been taken from his truck in the laydown yard he was not aware they were missing until he got to the pad, the worker returned to his company trailer and retrieved new cones. No Strike issued.	Worker returned back to his trailer and got a set of cone's since his had been taken out of his truck.
790	8/13/15	Safety Walk	Hazard Observation	VESTAS	T-25 two VESTAS trucks had no cone's worker uptower so I was not able to talk to them.	VESTAS Safety was called to correct the issue. No strikes issued.	VESTAS Safety said they will correct the issue with all their team members.
791	8/13/15	Safety Walk	Safe Work Observation	RES Erection	T-26 erection crew preparing to use a man basket to clean a blade already erected, good job on team tailgate meeting, good attitude with the crew, good communication with other subs in the area, man basket inspection completed.	None required at this time.	None, this was a Safe Observation.

#	Date:	Incident Observed During:	Incident Type:	Company Involved:	Incident Details:	Corrective Action Details:	Actions Taken to Prevent Reoccurrence:
792	8/13/15	Safety Walk	Safe Work Observation	RES Cable and Earth	Crew working near county road 107, good JHA, good explanation of job scope and the hazards, cones in place on the road and truck, good job.	None required at this time.	None, this was a Safe Observation.
793	8/5/15	Safety Walk	Safe Work Observation	RES Erection	At T-27 all were working safe, crane barricaded off, cones in place.	None required at this time.	None, this was a Safe Observation.
794	8/5/15	Safety Walk	Safe Work Observation	RES Erection	Top out crane was being walked from the east side of highway 30 to the west and all measures had been taken to reroute any traffic around. All alternate roads were manned so that the locals would not have a long wait.	None were needed.	Everything was done properly by all present.
795	8/5/15	Safety Walk	Safe Work Observation	RES Erection	T-77 the off load crew were unloading the blades. 100% tie off was being practiced when climbing to hook up the rigging. RES inspector called for the tag lines to be kept tighter and no one to walk under any suspended loads.	Crew was working safely.	Good work being performed by all.
796	8/6/15	Safety Walk	Safe Work Observation	RES Erection	T-79 the RES inspector called for more help with the rigging to make sure the load was secure. Good hand signals along with communication between the equipment operators and riggers.	Man powere was called for and presented themselves.	Little short on help but they showed up quickly to help those present.

#	Date:	Incident Observed During:	Incident Type:	Company Involved:	Incident Details:	Corrective Action Details:	Actions Taken to Prevent Reoccurrence:
797	8/6/15	Safety Walk	Safe Work Observation	RES Erection	Offloading the nacelle along with the hub the crew had just inspected their rigging to make sure it was safe to use. Crew coordinated hand signals with radio communications very well.	Everything looked good.	Good work being performed by all.
798	8/10/15	Safety Walk	Safe Work Observation	RES Erection	Off load crew at T-21 were off loading the base and lower mid. Foot traffic in the area were making good eye contact with the equipment operators before crossing into their path or work areas.	Good safe work.	None needed.
799	8/11/15	Safety Walk	Safe Work Observation	RES Erection	While offloading the hub the RES inspector noted that the person holding on to the ladder took a better hold to allow the climber to enter the hub safely. Good work by the crew but took a slow start.	Crew was paying good attention.	None needed.
800	8/13/15	Safety Walk	Safe Work Observation	RES Erection	The crane walk from 21 to 22 was maintained well with eye contact amongst the crew. Radios and hand signals were used to communicate with all parties during the road closure.	Everyting was communicated to all persons in the area.	None needed.
801	8/14/15	Safety Walk	Safe Work Observation	RES Electrical	MV cable was attempting to pull the underground cable from the north side of the RES trailers to the intersection of 106th and 109th.	All was going as planned.	Crew finally succeeded after many attempts and was finally done on the Border Winds Project. Aside from cleaning tools and equipment crew will be leaving for the next wind farm in Oklahoma.

#	Date:	Incident Observed During:	Incident Type:	Company Involved:	Incident Details:	Corrective Action Details:	Actions Taken to Prevent Reoccurrence:
802	8/14/15	Safety Walk	Safe Work Observation	Rosendin Electric	Substation sub was cleaning up all areas of their area as they were about to move off site once finished with the punch list walk thru with RES and owner.	Rosendin was taking their time and not being careless.	Crew was not taking any short cuts to get out quickly and worked slowly and deliberately to accomplich what they needed to do.
803	8/14/15	Safety Walk	Safe Work Observation	RES Civil	On 52nd & 109th the civil crew was blading the roads and improving driving conditions. Signage was set out to warn onsite workers and local farmers in the area.	None needed.	Civil crew did allow for site traffic along with local farmers to pass thru their area as they worked to improve the road ways.
804	8/14/15	Safety Walk	Safe Work Observation	RES Civil	On 52nd and 43rd the backhoe operator was clearing the culvert for removal of some culverts and cleaning out of vegetation in the ditches.	None needed.	The crew did have all required signage in place and spotters in place to watch and help the operator.
805	8/14/15	Safety Inspection	Safe Work Observation	RES Erection & RES Civil& Electrical	3.15 SDS: Both RES trailers do contain all their SDS sheets that cover all chemicals that they use. Workers do know that these items are also in the RES Safety trailer.	None needed.	RES employees are aware of the location for the SDS on site.
806	8/14/15	Safety Inspection	Safe Work Observation	RES	3.16 Personal Protective Equipment: All RES employees know that the safety office has all required PPE in the office for work being conducted on site. Any items that are worn or no longer proper to use can be replaced at any time.	None needed.	Workers on site know that they can ask for any specialized PPE or replace anything that is torn or no longer functional as far as PPE goes.

Exhibit 3 – Environmental Log

Formula for the Rolling Incident Score =

((Major Incident * 16) + (Minor Incident * 4) + (Near Miss * 0.25) + (Observation * 0)) * 1000 / Total Man Hours

#	CLASS	SUB-CAT	CONTR ACTOR	DATE	INCIDENT DETAILS	ACTION TAKEN TO CORRECT SITUATION	ACTION TAKEN TO PREVENT REOCCURANCE
107	Observation	Trash or other Refuse	RES	8/13/2015	Large quantity of wood piled up around the wood recycling bin due to lack of space	Asked crew to arrange it in an organized manner by stacking up and dispose when a bin is available.	Working with Vendor to replace bins more frequently.
108	Observation	Trash or other Refuse	RES	8/15/2015	Trash dumpster is full and needs to be replaced. The vendor has broken truck and has not been able to schedule a pick up date.	Continue to follow up with the current local vendor and contacted to new vendor to keep up with the large amount of trash over the next 2 months.	Arranged a new vendor to provide additional bins on Monday 8/17/15 and replace bins frequently.

Exhibit 4 – Quality Log

- Incidents - None
- CPARs - 1
- NCRs - 10

NCR log

Description of Material	NCR Opened (Current Week)	NCR Closed (Current Week)	Total NCR Open (As of this Week)	Total NCR Closed (As of this week)
Totals	1	1	4	7
NCR-2015-026 for not having 115V outlets at work locations per page 1 exhibit I of the Purchase and Sale Agreement.	X			
NCR CPAR 23053-004 Sent to Vestas concerning the high rate of damage to the turbine blades during shipping			X	
NCR-2015-024 Concerning tower door to be facing south.			X	
NCR-2015-016 Backfills and compactions of the turbine bases in freezing conditions			X	
NCR-2014-38, T3 grounding was not installed per specifications		X		

Exhibit 5 – RFI Log

Outgoing RFIs

	Generated By	Company	Sent To	Company	Subject	Date Sent	Response Requested By	Type: Civil, Electrical, etc.	Status / Comments	Date Closed
23053-030	Shabeeb Khader	RES	Bradley Morrison	Xcel Energy - Generation	Install crushed aggregate on the substation site	10/31/14	11/6/14	Civil	RES to respond before 8/19/2015	
23053-096	Emad Alaydi	RES	Ritchie Farmer	Vestas	Ice detection documentation	06/22/15	06/29/15	SCADA	Vestas responded on 6/23/15. Awaiting additional info	
23053-098	Emad Alaydi	RES	Ritchie Farmer	Vestas	VPN Tunnel in tunnel communication	06/25/15	07/02/15	Turbine	Vestas responded. Awaiting additional info	
23053-105	Kyler Leen	RES	Kyle Louis	REI	Feeder Fault Clearing Time	7/27/2015	7/29/2015	Substation		

Exhibit 6 - Change Order Request Log

CO No.	Date Identified	Date Submitted	Date Executed	Description	Value of CO	Comments
1	06/11/15			Change in the landscaping design - larger trees for windbreak at O&M	$ 3,176.00	RES and Xcel agreed to split total cost of $6,352.00
2	06/11/15			Storm shelter changes at O&M	$ 11,907.00	RES to request additional information from ABS on who directed the changes
3	06/11/15			Changes in final design vs specification of electrical layout at O&M	$ 2,300	RES is still working through the changes
4	06/11/15			Changes in security system at O&M	$ 8,936.00	Xcel requested breakdown of changes and the delta
5	06/11/15			Changes in the Control Building - Increasing the station service transformer, additional switch requests, and additional landings at entrance doors	$ 36,141.00	Station Service transformer sizing – Original station service transformer sizing was done at 50kVA. This was based on historic numbers initially and was later proven by station service calculations. Xcel requested to change this to 100kVA, since that is the Xcel standard (was requested at the 90% design review meeting). RES reviewed the Xcel standards provided and did not see this requirement anywhere in the standards provided. This increase in station service size also required upgrading multiple disconnect and safety switches from 200A to 400A rating in order to meet the requirements of the 100kVA station service transformer to be installed per the Xcel direction/request. Additional switch requests - Xcel requested during the 90% design review meeting that safety disconnect switches be moved from inside the control building to the outside. This requires the installation of waterproof cabinets for the switches. Xcel also requested an additional yard cabinet to connect and supply larger equipment from the AC system. Addition of landings at entrance doors – this was added at the 90% design review meeting per Xcel request and was not evident for the provided Xcel specifications.

CO No.	Date Identified	Date Submitted	Date Executed	Description	Value of CO	Comments
6	06/11/15			Upgrade from SEL351 to SEL421 relay and bus relays at the substation	$ 163,789.00	Industry standard for wind farm collection circuits are to install SEL351 relays (O/C & G/F) relays to protect the collector systems. Collection systems (although balanced) are considered distribution circuits, since they are four wire systems, with a ground reference transformer connected to each circuit. The collection circuits are insulated to 150kV BIL, which is further evidence that they are considered as distribution feeders (compared to the 200kV BIL insulation levels typically associated with transmission lines/circuits). Xcel identified the requirement to install SEL 351 relays on Distribution feeders. During design review meetings, Xcel classified these as transmission lines and required the installation of step distance protection (SEL421 relays). This resulted in additional cost. The 34.5kV bus differential relays subsequently were also upgraded from distribution bus relays to transmission class bus diff relays with 100% redundancy
7	06/11/15			Addition of three additional shield masts at the substation	$ 73,838.00	The original substation design utilized a combination of shield masts and shield wires in order to establish a lightning shielding system for the substation equipment. During the 60% design review meeting Xcel indicated they do not allow shield wires to span over top of equipment and requested that the shield wires be removed and that lightning shielding protection be done with shield masts. This requirement is not seen in any of the supplied specifications. This required the addition of 3 additional shield masts and thus additional cost.
8	06/11/15			Addition of anchor/rigging points for the oil containment based on the change to above ground containment system at the substation	$ 36,907.00	Xcel required an above grade containment system with a removable wall and built in rigging/anchor points in the containment system. This was not evident in any of the provided specifications or the contract agreement. The above grade construction as such does not add cost, but the inclusion of the removable wall and the addition of the anchor/rigging points that is integrated into the oil containment system does add cost
9	06/11/15			Addition of separate relay/plc controller to control the capacitor banks at the substation	$ 23,510.00	Typical capacitor bank controls on wind farms are done by the wind farm controller through the SCADA system. Xcel requested during the 90% design review not to control the equipment through the SCADA system, but rather have a separate relay/plc controller to control the capacitor banks. This required the installation of an additional relay in order to have a dedicated controller for the capacitor banks. This was not evident form any of the supplied specifications, since Xcel does not have a standard specification for 34.5kV capacitor banks.

CO No.	Date Identified	Date Submitted	Date Executed	Description	Value of CO	Comments
10	06/11/15			Upgrade to the capacitor bank interlock system	$ 10,846.00	Typical interlocks for capacitor banks only include a time delay after opening the associated capacitor/circuit switched to release a key that will unlock the ground switch and lock the switcher in the open position. Xcel requires a much more elaborate system, which in turn costs more. This was not identified in any of the supplied standard and was determined as designs progressed.
	TOTAL				$ 379,294.00	