



## BORDER WINDS ENERGY PROJECT

### WEEKLY PROJECT REPORT

Weekly report no:	45
Report for week period ending COB Friday:	06/05/2015
Calendar week no:	23

### Executive Summary

#### This Week's Highlights

- Vestas site safety representative has arrived on site;
- In an effort to aid production, work times and the arrival of 60+ personnel to site, Site Safety held several 05:30 am orientations prior to the work shift beginning during the week;
- Delivered new bins for plastic and wood recycling;
- Completed cement stabilization of 52<sup>nd</sup> Ave, 106<sup>th</sup> St. and 107<sup>th</sup> St. Commenced stabilization on 109<sup>th</sup> Tt. Work on site access road into T9, T10 and T11 will start on Tuesday, 5/9/2015;
- Completed the concrete pour for the stoops and the apron for the O&M building;
- Completed the revised grading plan for the area outside the fence at the O&M building;
- Poured concrete for (48) pier foundations to date;
- MV breakers are being installed on pads;

#### This Week's Key Issues

- Low productivity rate due to inclement weather and muddy condition;
- Muddy conditions at sites T9, T10 & T11. Cement stabilization planned for these areas;
- Identified gravel pushed to the silt fence on the west side on the O&M building. Gravel pushed to half the height of the silt fence following rain and regrading of the O&M site. Working on removing silt to avoid damage to the silt fence.



**Safety**

\*Full description of week’s Safety Report can be found in Exhibit 2

Accident and incident statistics for this period and to date are:

Type	Lost Time Accident	Recordable Injury	Non Recordable Injury	Equipment/Property Damage	Near Miss	Safety Observation
Current Period	0	0	0	4	1	5
Project To Date	1	1	10	29	74	541

\*Full description of week’s Safety Report can be found in Exhibit 1

**Previous Week’s TRIR = 2.14 / Current Week’s TRIR = 2.06**

Total Recordable Incident Rate = 200,000 \* (Lost Time Accidents + Recordable Injuries) / Total Man Hours

**Previous Week’s RES Safety Index = 0.88 / Current Week’s RES Safety Index = 0.86**

((Lost Time Accident \* 64) + (Recordable Injury \* 16) + (Non Recordable Injury \* 4) + (Equipment/Property Damage \* 1) + Near Miss \* 0.25) / Total Man Hours \* 1000

**Weeks Highlights:**

- Vestas site safety representative has arrived on site;
- In an effort to aid production, work times and the arrival of 60+ personnel to site, Site Safety held several 05:30 am orientations prior to the work shift beginning during the week;
- Site Risk Assessment has been updated to include erection, substation energization and climbing activities.

**Weeks Issues:**

- Four Damage Incidents occurred on site;
  - The back window of a backhoe was not locked into place when open and fell out of the track and shattered on the hoe arm;
  - An equipment operator’s grader rolled backward into a turbine site pedestal;
  - An equipment operator opened the door of his equipment and when open the door hit the window pane located behind the door and shattered;
  - While backing a truck, the truck slid off the edge of the work area and into a front end loader;

**Project Work Hours:**

- Weekly Man-hours: 7,234.50
- Total Project Man-hours: 193,736.50
- Hours Since Last Recordable Injury: 24,130.50

## Environmental

\*Full description of week's Environmental Report can be found in Exhibit 3

Type	Major Incident	Minor Incident	Near Miss	Observation
Current Period	0	0	1	4
Project to Date	0	58	4	46

\*Full description of week's Environmental Report can be found in Exhibit 2

**Rolling Incident Score: Previous week: 0.96/ Current Week: 0.89**

$((\text{Major Incident} * 16) + (\text{Minor Incident} * 4) + (\text{Near Miss} * 0.25) + (\text{Observation} * 0)) * 1000 / \text{Total Man Hours}$

### **Week's Highlights:**

- Delivered new bins for plastic and wood recycling. The filled bins for wood and plastic have been taken off site.

### **Week's Issues:**

- Received more than 0.40" of rain on 6/1/2015 (0.63") and 6/3/2015 (0.41"). Ongoing BMP inspection to identify location with culvert plugged and silt fence damage.
- Identified gravel pushed to the silt fence on the west side on the O&M building. Gravel pushed to half the height of the silt fence following rain and regrading of the O&M site. Working on removing silt to avoid damage to the silt fence.

## Quality

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

Type	RES Issued NCRs			RES Issued CPARs			Client Issued NCRs			Client Issued CPARs		
	Issued	Open	Closed	Issued	Open	Closed	Issued	Open	Closed	Issued	Open	Closed
Current Period	0	0	0	0	0	0	0	2	0	0	0	0
PTD	3	0	3	0	0	0	7	2	5	0	0	0

### **Week's Highlights:**

- Building & Earth checked densities for collector trench backfills, roads and culverts, testing Class 5 material gradations;
- Monitored construction at the O & M Building;
- RRC is tested soils at the substation and Turbine site excavations;
- Inspected collector trenching & backfills;
- Monitored concrete placement at the substation for piers;
- Monitored concrete placement for apron at roll up doors at O&M building.





## SCHEDULE STATUS

Project duration	68
No. of weeks into contract	47
Contract time passed (%)	69%

Key Activities (Construction)	Weighted %	Percent Complete		
		Contract Schedule	Construction Schedule	Actual
Design Engineering	2.5%	100%	100%	100%
Roads	14%	100%	90%	87%
Crane Pads	6%	15%	15%	4%
Foundations	20%	100%	98%	97%
Collection System	20%	57%	57%	50%
Substation	10%	57%	51%	36%
WTG Delivery, Erection, MCC	20%	0%	0%	0%
O&M Building	5%	100%	95%	84%
Completion	2.5%	0%	0%	0%
Overall Actual Percent Complete				48%

## PROGRESS REPORT

### PERMIT STATUS

Permit Type / Description	County / State	Responsible Group	Date Needed By	Status
O&M Well Permit	ND State	AB Systems	-	No permit required Awaiting documentation

### CONSTRUCTION STATUS

Certificates	Total	Submitted	Signed
Foundation Completion Certificate	75	71	71
Mechanical Completion Certificate	75	0	0
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		69.7%	
Clear and Grub	20%	152,837	100.0%	0	100%
Subgrade	25%	152,837	92.0%	11,491	92%
Place and Compact Road Base	30%	207,469	89.0%	21,914	89%
Shoulders	15%	152,837	0.0%	152,837	0%
Ditches	10%	152,837	0.0%	152,837	0%
Crane Pads	30%	Crane Pads		4%	
Shape and Compact Sub Grade	40%	75	4	71	5.3%
Place and Compact Road Base	60%	75	2	73	2.7%

**Comments:**

- Completed one crane pad with road base;
- Completed cement stabilization of 52<sup>nd</sup> Ave, 106<sup>th</sup> St. and 107<sup>th</sup> St. Commenced stabilization on 109<sup>th</sup> St. Work on site access road into T9, T10 and T11 will start on Tuesday, 5/9/2015;
- Reworking on the laydown to fix soft spots following rain and frost boils;
- Magnesium chloride will be applied in specific areas to mitigate dust and cement treatment will be installed to stabilize 108<sup>th</sup> Street;
- Work on turning radius modifications, as per permit, at Hwy 30/108<sup>th</sup>, Hwy 30/107<sup>th</sup>, Hwy 30/106<sup>th</sup>, and US 281/52<sup>nd</sup> will start on Monday, 6/8/2015.

### FOUNDATIONS

Item	Weighted %	Budget	Total Completed	Total Remaining	Percent Complete
Excavations	10%	75	75	1	100%
Mud Mats	5%	75	74	1	98%
Bases	45%	75	71	4	98%
Pedestals	20%	75	71	4	95%
Backfilled	15%	75	71	4	95%
Vestas Ground Kit	5%	75	71	4	95%

**Foundation Progress      97%**

**Comments:**

- Nelson completed tying the bottom mat at T4 and T34. Top mat of rebar at T4 and continue to tie the top mat of rebar at T34;
- Completion of all remaining foundations is targeted for Wednesday, June 17, 2015.

**COLLECTION SYSTEM**

Item	Weighted %	Quantity	Total Received	Total Remaining	Percent Complete
<b>Deliveries</b>	<b>30.0%</b>	<b>Deliveries</b>			<b>100%</b>
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%
<b>Installations</b>	<b>50.0%</b>	<b>Installations</b>			<b>39%</b>
Trench	60.0%	278,230	115,812	162,418	42%
MV & Fiber/Ground Cable	30.0%	297,841	127,990	169,851	43%
Grounding Transformers	5.0%	6	0	6	0%
Junction Boxes	5.0%	28	4	24	14%
<b>Terminations</b>	<b>20.0%</b>	<b>Terminations</b>			<b>3%</b>
Grounding Transformers	10.0%	6	0	6	0.0%
Junction Boxes	30.0%	28	3	25	11.0%
Turbines	60.0%	75	0	75	0.0%

**Collection System Progress: 50%**

**Comments:**

- Cable crew trenched 4,126 feet and installed 5,796 feet of cable;
- Collection crew set junction box JB 6/4;
- Dolan onsite to complete the last 3 bores. Completed bore between T29 & T30.

**O&M BUILDING**

Activity Description	Required	Unit	Remains	% Comp.
Earthworks	100	%	1	99%
Foundation	100	%	0	100%
Deliver Building	100	%	0	100%
Building Enclosed	100	%	0	100%
Building Interior Framing	100	%	0	100%
Building Electrical	100	%	12	88%
Building HVAC	100	%	15	85%
Plumbing	100	%	6	94%
Building Interior Trim & Finishing	100	%	12	98%
Septic System	100	%	0	100%
Water Well	100	%	100	0%
Fence and Yard Rock	100	%	85	15%

**O&M Building Progress: 84%**



**Comments:**

- Completed the concrete pour for the stoops and the apron;
- Ongoing installation of rock on the east side of the building;
- Received part of Rev 9 drawing from AB Systems on Thursday, 6/4/2015;
- Sent the revised grading plan, outside the fence, to Xcel for review;
- Utility company continuing installation of the power line to the building;
- The electrical subcontractor continued installing light fixtures, power outlets, pulling wire and terminating to the panel;
- Ongoing interior work and finishes – mill work, painting, bathroom accessories;
- Ongoing HVAC and plumbing installations. Completed the duct and HVAC outlet installation;
- Well system installation to start on Monday, 6/8/2015.

**SUBSTATION**

Item	Weighted	Required	Total Completed	Total Remaining	Percent Complete
<b>Design</b>	<b>20%</b>	<b>Design</b>			<b>20%</b>
Design Drawings	20%	100	100	0	100
<b>Deliveries</b>	<b>35%</b>	<b>Deliveries</b>			<b>2.5%</b>
Structural Steel	15.0%	100	90	10	90%
Main Transformer	30.0%	1	0	1	0%
Control House	15.0%	1	0	1	0%
Relay Panel	15.0%	100	0	100	0%
Arrestors	5.0%	100	0	100	0%
Switches	10.0%	100	0	100	0%
Breakers	10.0%	100	100	0	100%
<b>Construction</b>	<b>45%</b>	<b>Construction</b>			<b>18%</b>
Grading & Drainage	15.0%	100	75	25	75.0%
Foundations	15.0%	77	48	29	62%
Underground/Grounding	10.0%	18	14	4	77.78%
Structural Steel Work	10.0%	100	7	93	7%
Equipment Installation	10.0%	100	3	97	3%
Control Building/Wiring	10.0%	100	0	100	0%
Transformer Fit Out	10.0%	100	0	100	0%
Commission	10.0%	100	0	100	0%
Fence, Gravel, & Clean Up	10.0%	100	0	100	0%

**Substation Progress: 36%**

**Comments:**

- Poured concrete for (48) pier foundations to date;
- MV Breakers are being installed on pads;
- Conduit and Trenwa for MV breakers are being installed;





- Conduit is being installed at Electrical Equipment Enclosure (EEE) in preparation for delivery of building;
- EEE will be delivered on site on Tuesday, 6/16/2015;
- Ground grid is being installed in the NW corner of substation.

**TURBINES**

Item	Weighted %	Quantity	Total Received	Total Remaining	Percent Complete
<b>Deliveries</b>	<b>20.0%</b>	<b>Deliveries</b>			<b>0%</b>
Base	10.0%	75	0	75	0%
Lower & Upper Mid	10.0%	75	0	75	0%
Top	10.0%	75	0	75	0%
Hub	10.0%	75	0	75	0%
Nacelle	35.0%	75	0	75	0%
Blades	25.0%	75	0	75	0%
<b>Installations</b>	<b>50.0%</b>	<b>Installations</b>			<b>0%</b>
Base	10.0%	75	0	75	0%
Lower & Upper Mid	10.0%	75	0	75	0%
Top	10.0%	75	0	75	0%
Nacelle	20.0%	75	0	75	0%
Rotor	30.0%	75	0	75	0%
Electrical Build out	20.0%	75	0	75	0%
<b>MCC &amp; Commissioning</b>	<b>50.0%</b>	<b>Terminations</b>			<b>0%</b>
MCC	50.0%	75	0	75	0%
Commissioning	50.0%	75	0	75	0%

**Turbine Progress: 0%**

- Erection crew and Vestas have set up offices on site;
- Erection crew is receiving crane parts at T23;
- Vestas page turn is planned for Wednesday and Thursday next week (6/10 and 6/11);
- Vestas delivered sixteen (16) connexes to date.



**Exhibit 1 – Site Photographs**



REBAR AT T10



ROADS – CEMENT STABILIZATION





REBAR FOR PIERS AT SUBSTATION

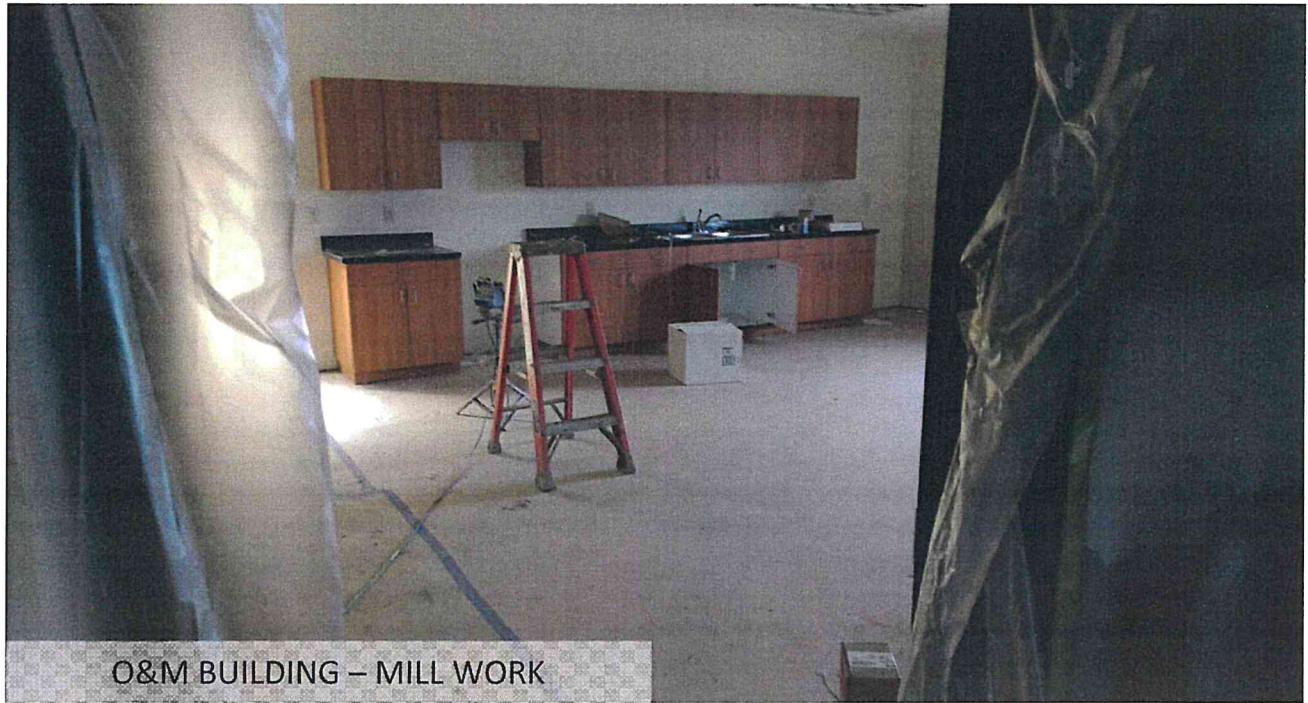


SUBSTATION – BREAKERS





O&M BUILDING – SHOP AREA



O&M BUILDING – MILL WORK



O&M BUILDING – APRON POUR





## Exhibit 2 – Safety log

#	Date:	Incident Observed During:	Incident Type:	Company Involved:	Incident Details:	Corrective Action Details:	Actions Taken to Prevent Reoccurrence:
613	5/30/15	Safety Inspection	Hazard Observation	RES Earth and Cable	Section 6 Hand Tools completed. Inadequate at the time of inspection.  Extension cords no color code tape, three way plug wrong color code, heat gun no color code for monthly inspection.	E-mail was sent out to all the leads and foreman's to have inspections corrected by the end of next week.	A week has been given to correct findings on monthly inspections.
614	5/30/15	Safety Inspection	Safe Work Observation	RES Earth and Cable	Section 8 Ladders completed. Adequate at the time of inspection.	None, this was a Safe Observation.	None, this was a Safe Observation.
615	5/30/15	Safety Inspection	Hazard Observation	RES Earth and Cable	Section 2 Housekeeping and Job Setup re-conducted. Needs Improvement at the time of re-inspection.	All Border Winds Superintendents have been directed to complete all inspections by 04Jun15.	All personnel have been briefed on RASWP 10 and made aware of the inspection timeframes.
616	5/30/15	Safety Walk	Hazard Observation	Rosendin Electric	Incomplete JHA no SIMOPS on JHA paper work.	Went over proper JHA paperwork. Rosendin PTP card does not have a SIMOPS box. Rosendin Safety has been encouraged to add this to their JHA but if not then the Rosendin and Evergreen crews need to use one JHA.	It was explained to the proper SIMOPPS, Brandon went up to the substation and talked with the foreman and their HSE Manager.
617	5/30/15	Safety Walk	Hazard Observation	RES/REC	No traffic cones on 4 RES cable trucks.	Talked with all employees again about deploying cones with all vehicles.	In our morning meeting this has been addressed again.
618	5/30/15	Safety Walk	Hazard Observation	Building & Earth	Smoking on site, observed 2 building & earth employee's smoking at site T-4.	Reiterated RES smoking policy there will be no more verbal warning.	In our morning meeting it has been communicated about RES smoking policy and area's smoking is allowed.
619	5/30/15	Safety Walk	Hazard Observation	Nelson Wind	Traffic cones, observed 2 Nelson co. trucks without cones placed while parked.	Talked with supervisor (Jim) and issue was corrected.	In our morning meeting and POD all employee' and contractors must use cones when working anywhere on site.





#	Date:	Incident Observed During:	Incident Type:	Company Involved:	Incident Details:	Corrective Action Details:	Actions Taken to Prevent Reoccurrence:
620	6/1/15	Safety Inspection	Hazard Observation	RES Americas	<p>Section 3 Fire Prevention completed. Needs Improvement at the time of inspection.</p> <p>Multiple employees are being seen smoking on site in areas that are not approved. Approved areas are the designated smoking area in the laydown yard and on a 50' radius area of non-combustible materials.</p> <p>Site Managers, Superintendents, Supervisors and Foreman's are not enforcing this policy or participating in corrective action.</p>	<p>Site Safety has contacted the site Project Managers and made them aware of the problem and asked for a specific set of guidelines that outline where personnel can smoke.</p>	<p>The June Site Audit will show this section of the audit needs improvement. During the Spring HSQE Audit and the July Audit if it is not corrected it will be changed from needs improvement to inadequate at the time of inspection, needs immediate improvement.</p>
621	6/2/15	Safety Inspection	Hazard Observation	RES Americas	<p>Section 19 First Aid completed. Needs Improvement at the time of inspection.</p> <p>Several of the RES staff onsite are not First Aid Trained. Classes have been offered by Site Safety who is an American Red Cross authorized instruction but they did not wish to participate.</p> <p>Site Safety Supervisor Rhine cannot at this time hold classes due to manikins being damaged. New manikins will need to be purchased.</p>	<p>Site Safety has made site Project Managers aware that this training needs to be completed.</p>	<p>The June Site Audit will show this section of the audit needs improvement. During the Spring HSQE Audit and the July Audit if it is not corrected it will be changed from needs improvement to inadequate at the time of inspection, needs immediate improvement.</p>
622	6/3/15	Safety Inspection	Safe Work Observation	Nelson Wind	<p>Section 11 Excavations and Shoring completed. Adequate at the time of inspection.</p>	<p>None, this was a Safe Observation.</p>	<p>None, this was a Safe Observation.</p>



#	Date:	Incident Observed During:	Incident Type:	Company Involved:	Incident Details:	Corrective Action Details:	Actions Taken to Prevent Reoccurrence:
623	6/4/15	Safety Walk	Near Miss	Evergreen Cassion	Working under a suspended load. Workers bolting up a breaker suspended by a crane.	Lonnie Laquey talked with the site foreman, that working under a load is dangerous, that the employees needed to find a better way two bolt rack without workers getting under the load.	Evergreen foreman to coming up with a better solution to secure load before workers get under the load.
624	6/5/15	Safety Walk	Hazard Observation	RES Earth and Cable	Worker had road blocked and was supposed to re-directing traffic , I asked the worker why was the road blocked he did not know, I asked him which direction I should go around he did not know, worker did not have all the details needed to complete his work assignment.	I called his foreman to let him know that the person controlling traffic did not know or have the information needed to complete his job task.	Civil crew foremen was heading out to the area where road was blocked and give the worker proper work instructions.
625	6/5/15	Safety Walk	Hazard Observation	RES Erection	At T-24 delivery driver's standing outside of their trucks were not wearing site required PPE.	I talked to both drivers and instructed them that any time they exit their trucks full PPE is required.	I talked to their RES foremen and asked him to let all and any delivery drivers to make sure they have on all required PPE before exiting their trucks.
626	5/30/15	Normal Work Activities	Damage	RES Earth and Cable	An operator, operating a backhoe at turbine site 48 lifted the rear section window. Operator failed to lock in the window in place, when he went to lift the arm for the hoe the glass slid out and shattered.	Operator's foreman is to provide re-training on the proper use of the equipment.	I talked with Anthony foremen to be re-trained on this equipment.
627	5/30/15	Normal Work Activities	Damage	RES Civil	A grader operating at turbine site 25 failed to use a spotter and backed into the site pedestal causing damage to the pedestal and two anchor bolts	Mr. Witt will receive another ride along on the equipment with his foremen or superintendent before being allowed to operate the equipment.	As part of May's corrective actions for multiple damage incidents. Site Superintendents have been aware that on 6/02/15 an audit of all operators' cards will be conducted by site safety supervision.





#	Date:	Incident Observed During:	Incident Type:	Company Involved:	Incident Details:	Corrective Action Details:	Actions Taken to Prevent Reoccurrence:
628	6/4/15	Normal Work Activities	Damage	RES Earth and Cable	Two employees were backing a work truck next to a front end loader. While backing the truck got to close to the edge of the area they were backing into and sunk/ slid over the edge and into the tire of the front end loader.	Both employees will need to be reinstructed on the proper backing and spotting of equipment by their foreman.	In our morning safety meeting I made it clear that all workers need to use caution when backing and spotters watch how close drivers are to equipment. Both employees will do a ride along with foreman.
629	6/3/15	Normal Work Activities	Damage	RES Erection	An employee opened the door to the JLG fork truck to check the fuel level, when he opened the door the operator indicated he heard a pop noise and noticed that the glass pane behind the door frame of the JLG fork truck had shattered	After inspecting the JLG the only cause that might have caused the glass from shattering is that the edge of the door may have made contact with the glass.	All crew members were spoken to about the incident. All operates were reminded that when operating equipment, entering and exiting equipment they need to control doors and windows. They need to control the features of the equipment to prevent damage.





### Exhibit 3 – Environmental Log

#	CLASS	SUB-CAT	CONTR ACTOR	DATE	INCIDENT DETAILS	ACTION TAKEN TO CORRECT SITUATION	ACTION TAKEN TO PREVENT REOCCURANCE
058	Observation	Weather Event	All	6/1/15	Received 0.63" of rain. Water accumulated in different areas of the site	Perform BMP inspection and ensure all culverts inlets are clear of silt and no damaged silt fence.	Ensure all BMPs are installed properly
059	Observation	Weather Event	All	6/3/15	Received 0.41" of rain. Water accumulated in different areas of the site.	Perform BMP inspection and ensure all culverts inlets are clear of silt and no damaged silt fence.	Ensure all BMPs are installed properly
060	Observation	Informational	All	6/4/15	The filled plastic recycling bin has been removed off site.	None	Replace with new plastic recycling bin on site.
061	Near Miss	Lack of or Damaged BMP	RES	6/4/15	Identified gravel pushing the silt fence on the West side of the O&M building. Noticed gully erosion on the top after the O&M site was graded as per the proposed plan. No damage to the silt fence	REC crew asked to pull part of the gravel away from the silt fence to avoid further damage to silt fence.	The slop on the west has to be re-graded as per the final grading plan and seeded.
062	Observation	Informational	All	6/5/15	The filled wooden recycling bin has been removed off site.	None	Replace with new plastic recycling bin on site.



### Exhibit 4 – Quality Log

- Incidents - None
- CPARs - None
- NCRs - 8

### NCR log

Description of Material	NCR Opened (Current Period)	NCR Closed (Current Period)	Total NCR Open (As of this Week)	Total NCR Closed (As of this Week)
Totals			2	6
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

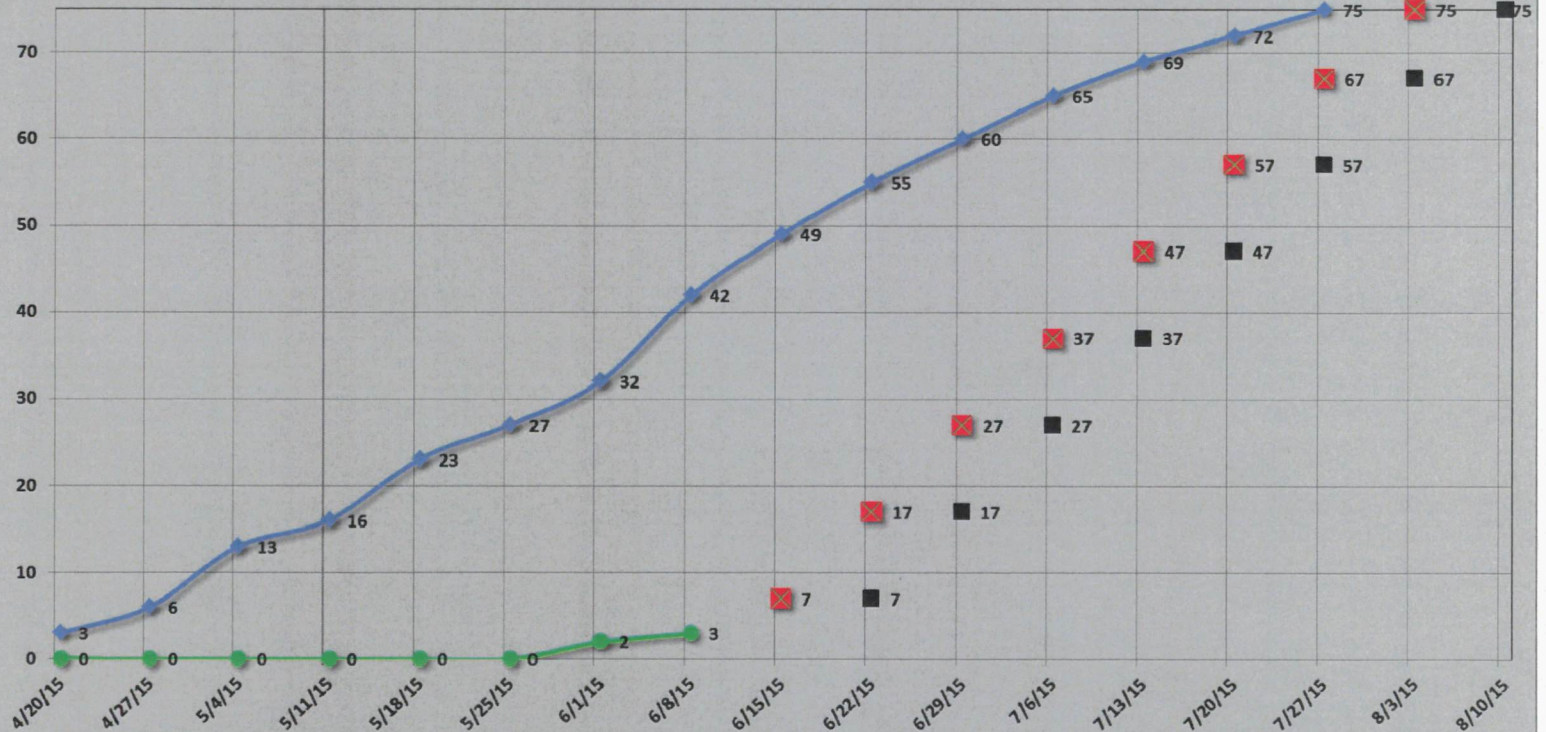
### Outgoing RFIs

	Generated By	Company	Sent To	Company	Subject	Date Sent	Response Requested By	Type: Civil, Electrical, etc.	Status / Comments	Date Closed
23053-30	Shabeeb Khader	RES	Bradley Morrison	Xcel Energy - Generation	Install crushed aggregate on the substation site	10/31/2014	11/6/2014	Civil	Xcel Responded. RES to perform density test the week of 5/18/2015.	
23053-81	Shabeeb Khader	RES	Brad Morrison	Xcel Energy - Generation	Cap Switchers	5/1/2015	5/4/2015	Substation	Multiple responses.	6/3/15
23053-82	Emad Alaydi	RES	Brad Morrison	Xcel Energy - Generation	Substation testing and commissioning requirements	5/4/2015	5/8/2015	Substation		6/3/15
23053-087	Lester Archer	RES	Brad Morrison	Xcel Energy - Generation	Border Winds- Reactor/Cap Bank Controls	5/22/2015	6/1/2015	Substation		6/3/15
23053-088	Emad Alaydi	RES	Brad Morrison	Xcel Energy - Generation	Bolted and welded bus connection	6/1/2015	6/5/2015	Substation		
23053-089	Emad Alaydi	RES	Brad Morrison	Xcel Energy - Generation	SCADA Commissioning	6/1/2015	6/8/2015	SCADA		
23053-090	Lester Archer	RES	Brad Morrison	Xcel Energy - Generation	Switch grounding detail	6/5/2015	6/12/2015	Substation		
23053-091	Lester Archer	RES	Brad Morrison	Xcel Energy - Generation	Low side bus ground	6/5/2015	6/12/2015	Substation		

Last Updated: 6/08/2015

### Border Winds - Crane Pad Completion Progress Chart

Number of Crane Pads Complete



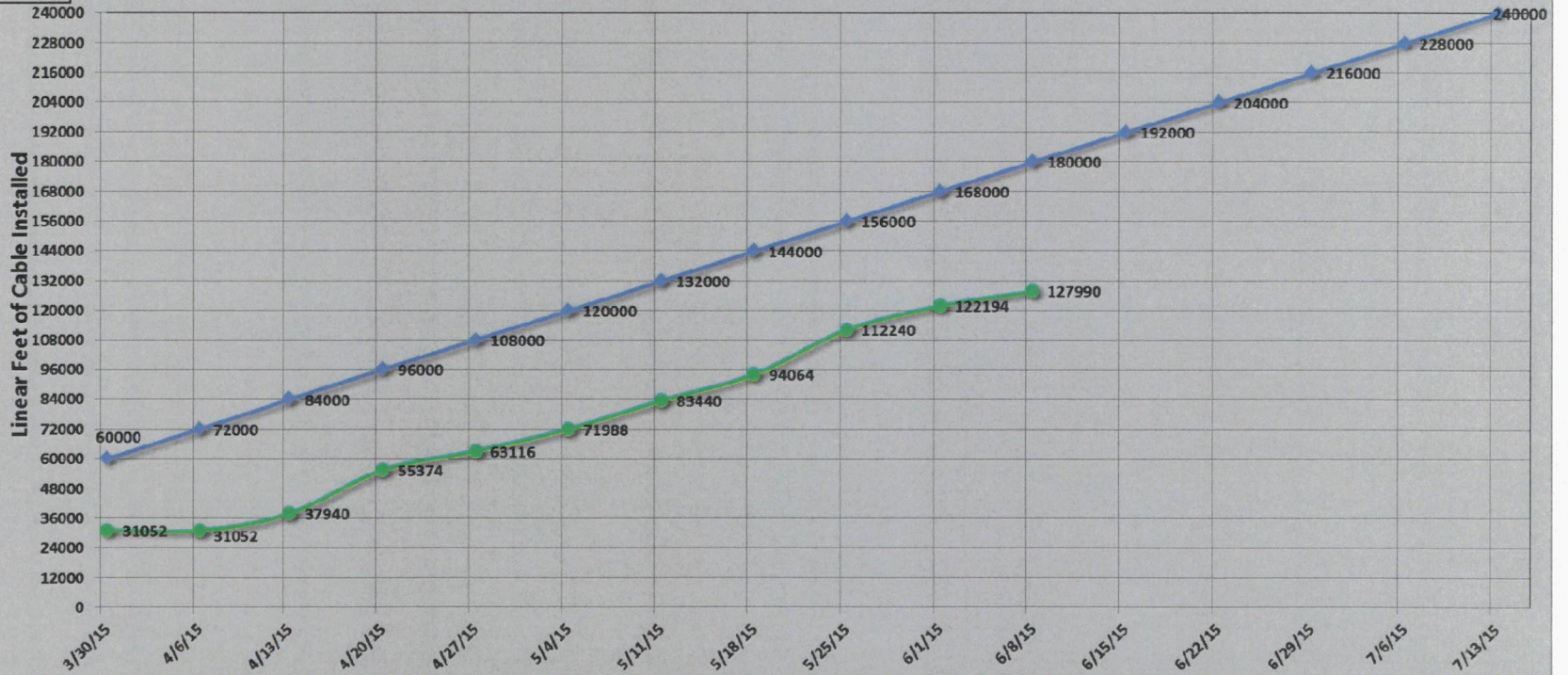
	4/20/15	4/27/15	5/4/15	5/11/15	5/18/15	5/25/15	6/1/15	6/8/15	6/15/15	6/22/15	6/29/15	7/6/15	7/13/15	7/20/15	7/27/15	8/3/15	8/10/15
Planned Crane Pads Complete	3	6	13	16	23	27	32	42	49	55	60	65	69	72	75		
Actual Crane Pads Complete	0	0	0	0	0	0	2	3									
Anticipated WTG Deliveries									7	17	27	37	47	57	67	75	
Guaranteed WTG Deliveries										7	17	27	37	47	57	67	75





Last Updated: 6/01/2015

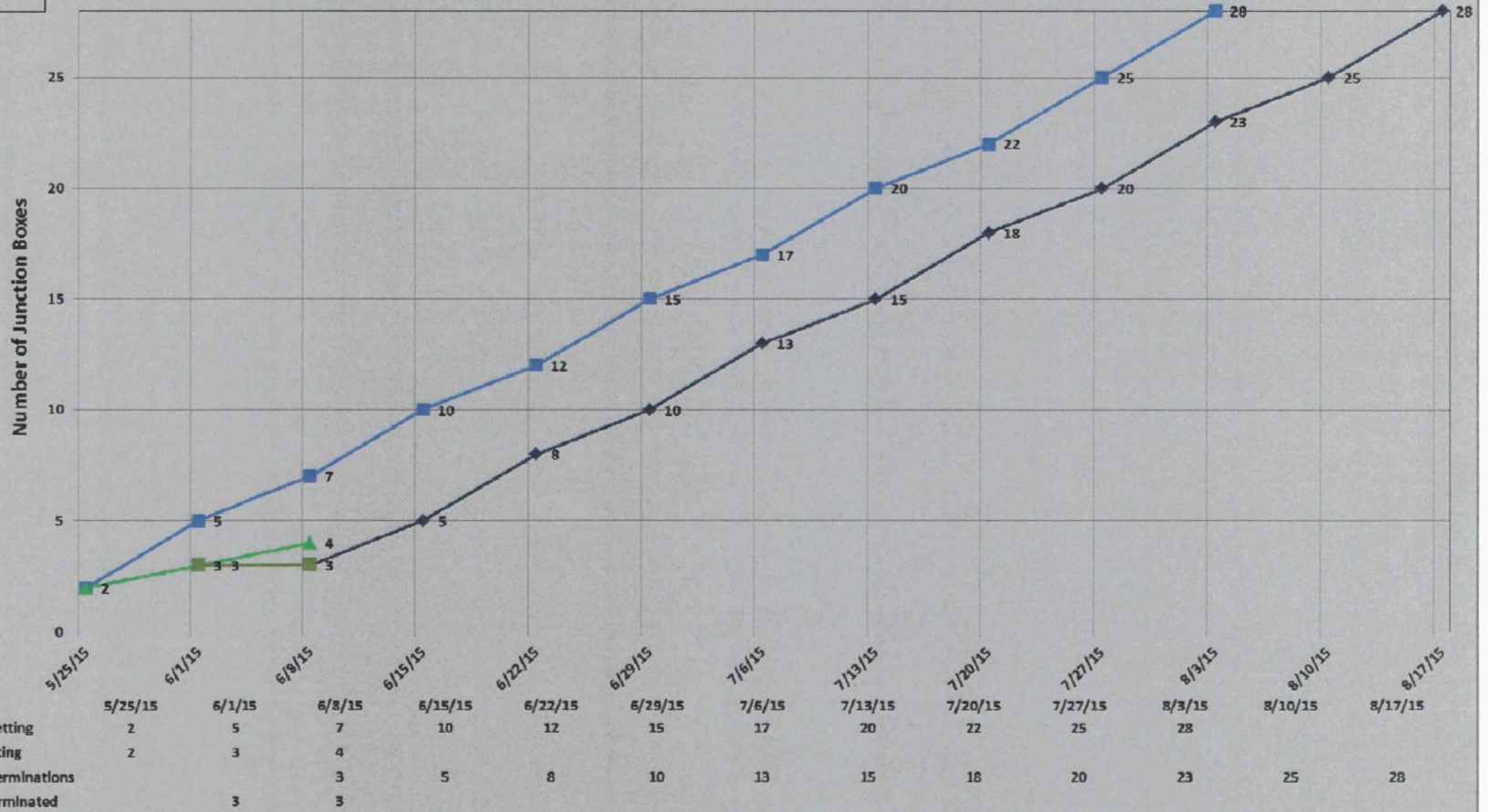
Border Winds - Cable Installation Progress Chart



	3/30/15	4/6/15	4/13/15	4/20/15	4/27/15	5/4/15	5/11/15	5/18/15	5/25/15	6/1/15	6/8/15	6/15/15	6/22/15	6/29/15	7/6/15	7/13/15
Planned Cable Installation	60000	72000	84000	96000	108000	120000	132000	144000	156000	168000	180000	192000	204000	216000	228000	240000
Actual Cable Installed	31052	31052	37940	55374	63116	71988	83440	94064	112240	122194	127990					

Last Updated: 6/1/2015

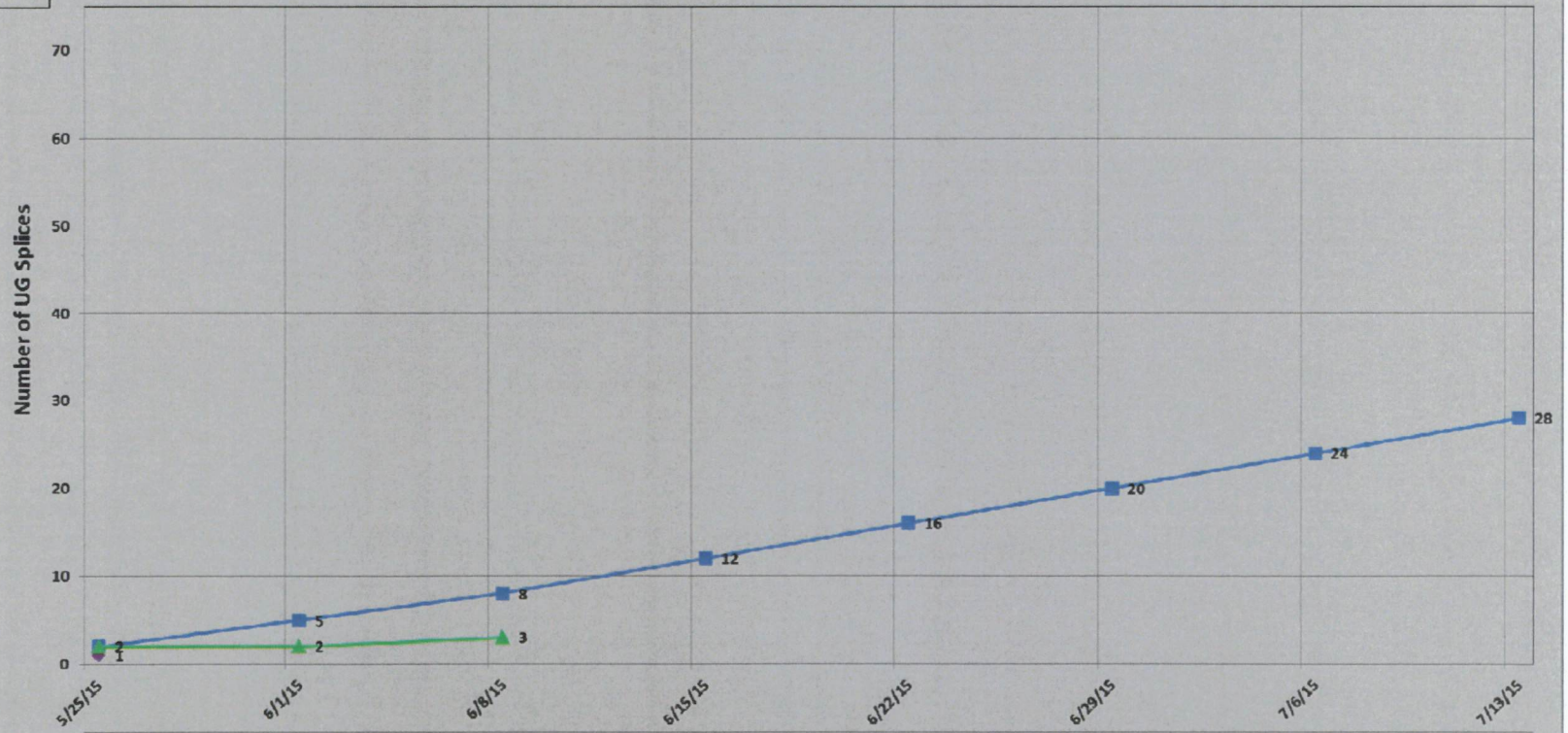
Border Winds - Junction Box Progress Chart



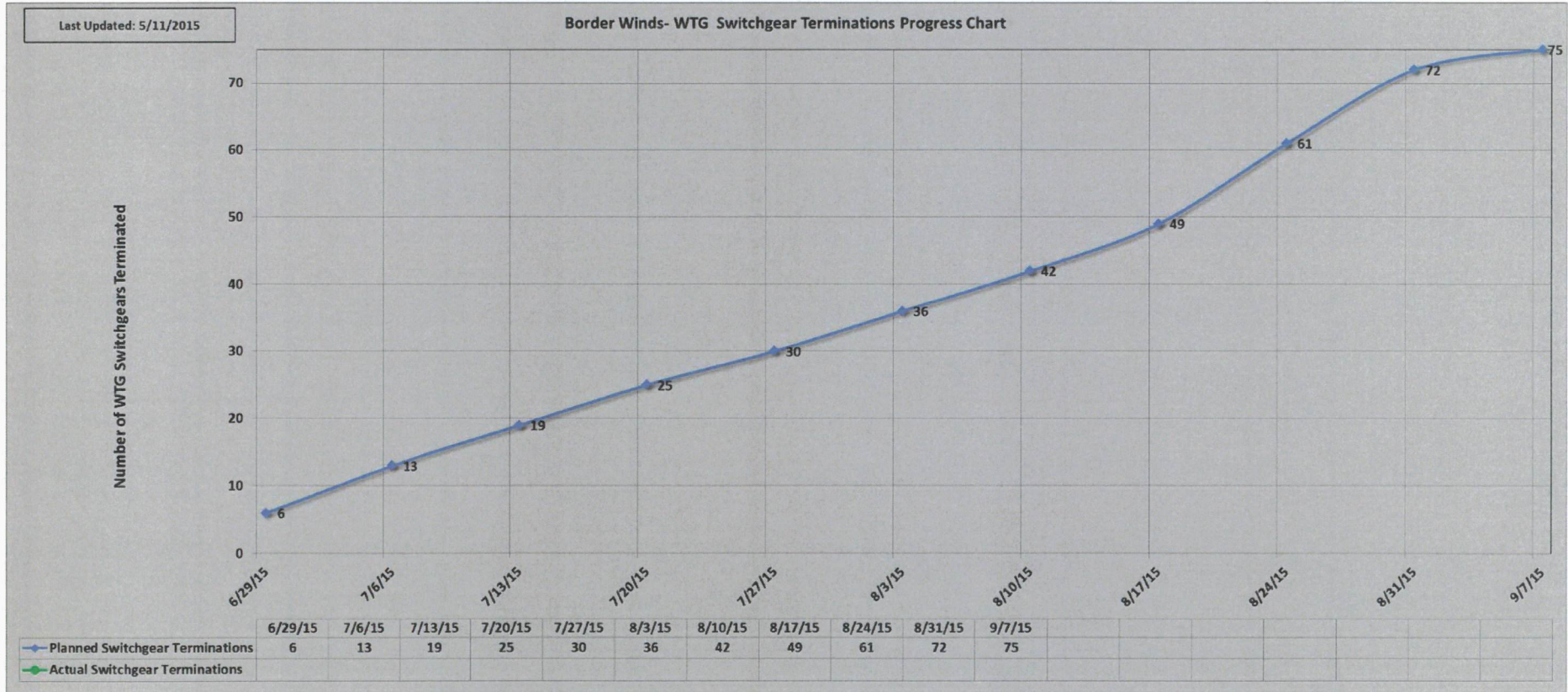


Last Updated: 5/11/2015

Border Winds - UG Splice Progress Chart



	5/25/15	6/1/15	6/8/15	6/15/15	6/22/15	6/29/15	7/6/15	7/13/15
#REF!	1							
Planned Splices	2	5	8	12	16	20	24	28
Actual Splices	2	2	3					

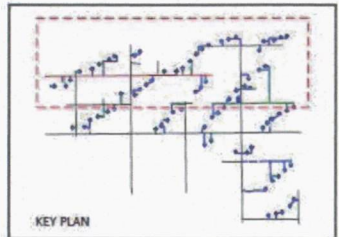
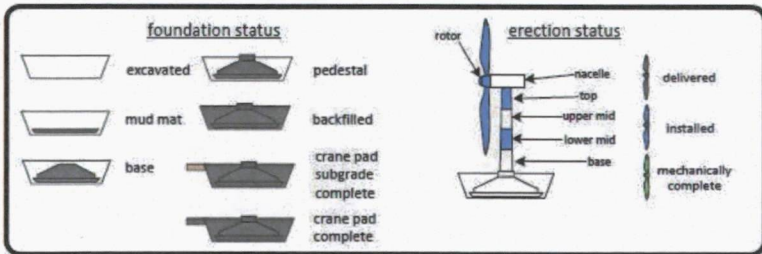
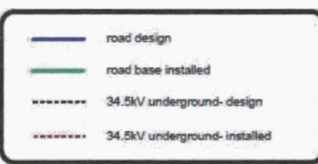
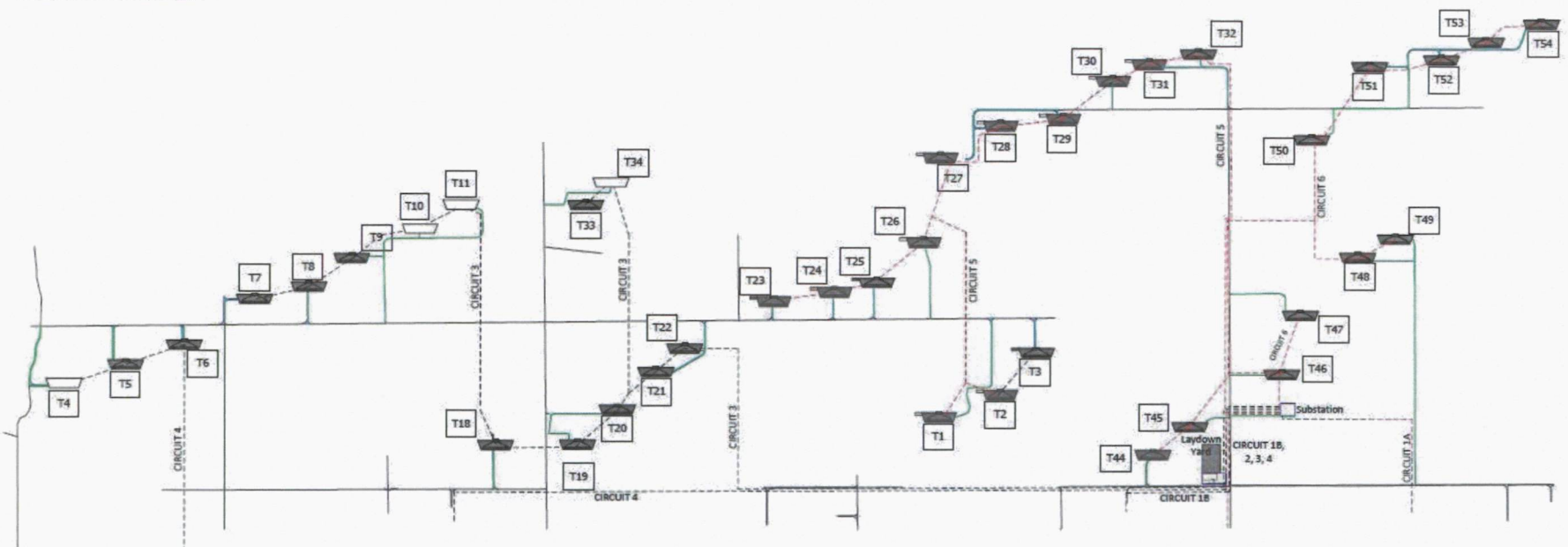






Updated - 06/05/2015

## Border Winds – North Construction Progress Status Map



# Border Winds – South Construction Progress Status Map

Updated – 06/05/2015

