



## BORDER WINDS ENERGY PROJECT

### WEEKLY PROJECT REPORT

|   |            |
|---|------------|
| Weekly report no:                         | 47         |
| Report for week period ending COB Friday: | 06/19/2015 |
| Calendar week no:                         | 25         |

### Executive Summary

#### Week's Highlights

- Completed all WTG Foundation pours on Friday, 6/19/2015;
- Vestas commenced turbine deliveries and the erection crew set the first base at T23 on Tuesday 6/16/2015;
- Received engineering approval for Masterflow 649 grout to be used on turbine pedestals. The grout has been tested and complies with the requirements of the specification. T23 was grouted and tensioned in this period;
- T23 was topped out on Sunday (6/21). Blade Set was delivered damaged – installation pending repairs by Vestas;
- Due to the delayed delivery of the two Liebherr 1300s, a Liebherr 1220 truck crane was rented to support offload work;
- Six (6) of seven (7) WTGs successfully delivered in week 1;
- Well drilling is complete at the O&M Building and has been connected to the building water line;
- Permanent utility power has been connected to the O&M;
- A walkdown of the O&M with AB Systems is scheduled for Tuesday, 6/23;
- Fence installation started and all fence and gate poles have been installed at the O&M building;
- Substation equipment foundations are complete. Conduit and grounding work continued;
- Main power transformer delivery scheduled for July 7th. Logistics representative to visit site on Monday, 6/22 to verify road conditions, radii, and determine any conflicts within the substation access roadway. Ramping over tren-wa is necessary;
- Pre-commissioning of towers scheduled to commence on July 30th to ensure maintenance of the original commissioning schedule. Substation energization scheduled for August 10th;
- Collector system on track to “cable out” the week of July 17th.

#### Week's Key Issues

- One property damage and one first aid injury during normal work activities;

- Identified traces of cement that was left over from the cement treating the roads. The subcontractor instructed to wet the cement to let it harden and avoid flying and seeping in water body or crops;
- The 1300 Buckner cranes delayed, but the crane parts have arrived onsite and assembly is ongoing and expected to be complete by 6/23/2015.

## Safety

### Week's Safety Log Summary.

| Type            | Lost Time | Recordable Injury (Medical Aid) | Minor Injury (First Aid) | Equipment Property Damage | Near Miss | 3X20 Observation |
|-----------------|-----------|---------------------------------|--------------------------|---------------------------|-----------|------------------|
| Current Period  | 0         | 0                               | 1                        | 1                         | 1         | 18               |
| Project To Date | 1         | 1                               | 11                       | 30                        | 75        | 559              |

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

**TRIR: Previous Week = 1.99 / Current week = 1.83**

**RES Safety Index: Previous Week = 0.80 / Current week = 0.64**

### Weeks Highlights:

- HSQE was onsite to perform climb training with site team members. Training conducted all week and completed on 06/19/2015;
- Site Safety conducted awareness training with all team members during the all hands safety meeting, showing OSHA statistics and providing a reaffirmation of "Everyone Goes Home Safe, Every day."

### Weeks Issues:

- One property damage. RES work truck windshield broken from a flying rock;
- One onsite first aid. RES employee had back muscle strains.

### Project Work Hours:

- Weekly Man-Hours: 14849.30
- Total Project Man-Hours: 217,752.30
- Hours Since Last Recordable Injury: 40,911.80



## Environmental

| Type            | Major Incident | Minor Incident | Near Miss | Observation |
|-----------------|----------------|----------------|-----------|-------------|
| Current Period  | 0              | 1              | 1         | 3           |
| Project to Date | 0              | 60             | 6         | 51          |

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

**Rolling Incident Score: Previous week: 0.84/ Current Week: 0.77**

### Week's Highlights:

- Delivered new bins for copper recycling;
- Notified Waste management to pick up special waste bin used for the contaminated soil.

### Week's Issues:

- Received 0.65" of rain and lightning on Friday 6/19/2015 leading to muddy conditions;
- Identified traces of cement that was left over from the cement stabilization of the roads on T32 and T26 entrances. Rock Solid was notified of the observation and instructed to wet the cement to let it harden and avoid flying and seeping in water body or crops;
- Identified trash at the O&M yard which is currently being used as the employee parking lot;
- Minor Leak - approximately 3 cups of diesel from an unknown source was found on the ground at the slope entering to the T34 foundation base. Nelson picked up the contaminated soil and disposed of it into the special waste bin.

## Quality

| 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                  | 0    | 0      | 0                   | 0    | 0      |
| PTD            | 3               | 0    | 3      | 0                | 0    | 0      | 8                  | 2    | 6      | 0                   | 0    | 0      |

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



**Week's Highlights:**

- Building & Earth continued checking densities for collector trench backfills, roads and, testing Class 5 material gradations every 2500cy, witnessed proof rolls for crane pads T-11, T-46, T-46, T-27, T-28, T-29, and T-32 with passing results;
- Took compaction test for crane pad final base density compactions after passing subgrade densities for T-26/ T-27/ T-28 all passing;
- RRC: Completed testing soils at the substation and turbine site excavations;
- Received engineering approval for Masterflow 649 grout to be used on turbine pedestals. The grout has been tested and complies with the requirements of the specification.

**Week's Issues:**

- Crane pad subgrade at T27, T28, and T30 did not pass initial proof roll and had to be reworked. T28 passed once the additional work was complete. T27 and T30 were tested using a nuclear gauge and the resulting densities met the required specifications. A TEF was sent to RES engineering to approve the crane pad bearing capacity without performing the required proof roll.

**SCHEDULE STATUS**

|                            |     |
|----------------------------|-----|
| Project duration           | 68  |
| No. of weeks into contract | 49  |
| Contract time passed (%)   | 72% |

| Key Activities (Construction)   | Weighted % | Percent Complete  |                       |        |
|---------------------------------|------------|-------------------|-----------------------|--------|
|                                 |            | Contract Schedule | Construction Schedule | Actual |
| Design Engineering              | 2.5%       | 100.0%            | 100.0%                | 100%   |
| Roads & Crane Pads              | 20.0%      | 100.0%            | 77.0%                 | 67%    |
| Foundations                     | 20.0%      | 100.0%            | 100.0%                | 99%    |
| Collection System               | 21.5%      | 69.0%             | 100.0%                | 63%    |
| Substation                      | 15.0%      | 89.0%             | 85.0%                 | 46%    |
| O&M Building                    | 6.0%       | 100.0%            | 95.0%                 | 92%    |
| WTG Delivery, Erection, & MCC   | 15.0%      | 2%                | 100.0%                | 1%     |
| Overall Actual Percent Complete |            |                   |                       | 61.8%  |



## PROGRESS REPORT

### PERMIT STATUS

| Permit Type / Description | County / State | Responsible Group | Date Needed By | Status |
|---------------------------|----------------|-------------------|----------------|--------|
| -                         | -              | -                 | -              | -      |

### 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      |                 | 80.0%           |                  |
| Rough Grade                 | 30%        | 137,622    | 152,837         | (15,215)        | 111.1%           |
| Sub Grade                   | 30%        | 137,622    | 141,772         | (4,150)         | 103.0%           |
| 1st Lift                    | 20%        | 137,622    | 153,875         | (16,253)        | 111.8%           |
| Shoulders                   | 10%        | 152,837    | 0               | 152,837         | 0.0%             |
| Ditches                     | 10%        | 152,837    | 0               | 152,837         | 0.0%             |
| Crane Pads                  | 30%        | Crane Pads |                 | 22.4%           |                  |
| WTG Site Ready for Delivery | 30%        | 75         | 13              | 62              | 17.3%            |
| Cut & Subgrade Compacted    | 40%        | 75         | 21              | 54              | 28.0%            |
| Material Placed & Compacted | 30%        | 75         | 15              | 60              | 20.0%            |

**Road and Crane Pad Progress      67%**

**Comments:**

- Completed eight (8) crane pads with road base;
- Completed six (6) crane pad sub-grade and proof roll tests;
- Continued cement stabilization on 109<sup>th</sup> st, 52<sup>nd</sup> Ave., 106<sup>th</sup> St, 108<sup>th</sup> St;
- Worked on the turning radii at 46<sup>nd</sup> Ave/108<sup>th</sup> Ave, 107st/Hwy 30, 106<sup>th</sup> St and 46<sup>th</sup> Ave.



**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     | 71              | 4               | 94.7%            |

**Foundation Progress      99%**

**Comments:**

- Completed concrete placement of all foundation on Friday, 6/19/2015;



**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            | 5.0%         | 6                    | 6              | 0               | 100%             |
| <b>Installations</b> | <b>50.0%</b> | <b>Installations</b> |                |                 | <b>54%</b>       |
| Trench               | 40.0%        | 278,230              | 152,105        | 126,125         | 54.7%            |
| MV & Fiber/Ground    | 50.0%        | 297,945              | 174,343        | 123,602         | 58.5%            |
| Junction Boxes       | 10.0%        | 28                   | 9              | 19              | 32.1%            |
| <b>Terminations</b>  | <b>20.0%</b> | <b>Terminations</b>  |                |                 | <b>28%</b>       |
| MV Cable at WTG      | 45.0%        | 75                   | 0              | 75              | 0.0%             |
| Junction Boxes       | 35.0%        | 28                   | 9              | 19              | 32.1%            |
| Underground MV       | 20.0%        | 18                   | 15             | 0               | 83.3%            |

**Collection System Progress: 63%**

**Comments:**

- Cleared 9,300 feet of ROW;
- Trenched 14,457 feet;
- Installed 14,958 feet of cable;
- Completed 13,535 feet of backfill;
- Set junction boxes at JB6-1, and JB6-2;
- Terminated junction boxes at JB1A-1, JB 1A-2, JB 6-1, JB 6-4, and underground splices at SP 1A-1, SP 5/8.

**O&M BUILDING**

| Activity Description                   | Required | Unit | Remains | % Comp. |
|--|----------|------|---------|---------|
| Design                                 | 4.0%     | 100% | 100%    | 0%      |
| Earthworks                             | 8.0%     | 100% | 100%    | 0%      |
| Septic System                          | 4.0%     | 100% | 100%    | 0%      |
| Water Service and Filter               | 4.0%     | 100% | 10%     | 90%     |
| Delivery                               | 5.0%     | 100% | 100%    | 0%      |
| Foundation Floor slab                  | 9.0%     | 100% | 100%    | 0%      |
| Electrical prep, rough-in and trim out | 5.0%     | 100% | 97%     | 3%      |
| Plumbing prep, rough-in and trim out   | 8.0%     | 100% | 96%     | 4%      |
| Building Erect and enclose             | 8.0%     | 100% | 100%    | 0%      |
| Internal Walls & Ceiling               | 9.0%     | 100% | 100%    | 0%      |
| HVAC                                   | 8.0%     | 100% | 86%     | 14%     |
| Finishes prep, rough-in and trim out   | 12.0%    | 100% | 99%     | 1%      |
| Grading, Drainage and Fence            | 8.0%     | 100% | 90%     | 10%     |
| Cleaning and Shop Finish               | 4.0%     | 100% | 100%    | 0%      |
| Security System                        | 4.0%     | 100% | 60%     | 40%     |

**Total      92%**

**Comments:**

- Well drilling is complete and connected to the building water line;
- O&M building is connected and powered by the utility power;
- Fence installation commenced and all fence and gate poles have been installed;
- All heating system has been installed, and ongoing work to finalize the plumbing and HVAC work by Tuesday, June 23, 2015;
- Electrical wiring for all security equipment is completed as well as all light fixture installation;
- Installed the two security towers at the O&M yard and the intercom system foundation near the gate;
- Completed the installations for the two canopies and final paint touch-up;
- Remaining grading work outside the fence will commence in early July and landscaping work will follow;
- Asphalt work will commence in mid-August .

### SUBSTATION

| SUBSTATION |     |  |             |             |          |               |             |      |
|------------|-----|--|-------------|-------------|----------|---------------|-------------|------|
| #          | Org | Activity Description                           | TIME Weight | QTY PLANNED | QTY DONE | QTY REMAINING | % Completed | Unit |
| 1          | REI | Engineering                                    | 5.0%        |             |          |               | 100.0%      | %    |
| 2          | REI | Submittal & Approval Drawings                  | 2.0%        | 100         | 100      | 0             | 100.0%      | %    |
| 3          | REI | Issue of Construction Drawings                 | 3.0%        | 100         | 100      | 0             | 100.0%      | %    |
| 4          | REI | Procurement & Delivery                         | 40.0%       |             |          |               | 65.8%       |      |
| 6          | REI | 69KV DEAD TANK CIRCUIT BREAKER, 3000A          | 2.0%        | 4           | 4        | 0             | 100.0%      | EA   |
| 7          | REI | 69KV DEAD TANK CIRCUIT BREAKER, 1200A          | 2.0%        | 4           | 4        | 0             | 100.0%      | EA   |
| 8          | REI | 253KV CIRCUIT BREAKER, 2000A                   | 2.0%        | 1           | 1        | 0             | 100.0%      | EA   |
| 9          | REI | CONTROL BUILDING                               | 2.0%        | 1           | 1        | 0             | 100.0%      | EA   |
| 10         | REI | DC Station Service Charger, Batteries, Rack... | 2.0%        | 1           | 1        | 0             | 100.0%      | EA   |
| 11         | REI | 34.5KV 3-Phase Reactor-10 MVAR (3 X 3.333mVAR) | 2.0%        | 1           | 1        | 0             | 100.0%      | EA   |
| 12         | REI | CAP BANK, 34.5KV, 11MVAR, with Stand           | 2.0%        | 100         | 0        | 100           | 0.0%        | EA   |
| 13         | REI | INRUSH Current Limiting Reactor                | 2.0%        | 100         | 0        | 100           | 0.0%        | EA   |
| 14         | REI | CAP BANK, Switcher                             | 2.0%        | 100         | 0        | 100           | 0.0%        | EA   |
| 15         | REI | POWER TRANSFORMER 230/34.5KV                   | 5.0%        | 1           | 0        | 1             | 0.0%        | EA   |
| 16         | REI | SUBSTATION STEEL / FITTINGS                    | 2.0%        | 100         | 90       | 10            | 90.0%       | EA   |
| 18         | REI | Dead End & Static Mast                         | 4.0%        | 100         | 100      | 0             | 100.0%      | %    |
| 19         | REI | Structural Steel                               | 5.0%        | 100         | 50       | 50            | 50.0%       | %    |
| 20         | REI | Grounding Transformer                          | 3.0%        | 100         | 100      | 0             | 100.0%      | %    |
| 21         | REI | MET Tower                                      | 3.0%        | 100         | 100      | 0             | 100.0%      | %    |
| 22         | REI | Construction                                   | 55.0%       |             |          |               | 26.2%       |      |
| 23         | REI | Site Preparation & Grading                     | 3.0%        | 100         | 95       | 5             | 95.0%       | %    |
| 23         | REI | Site Aggregate & Finishing rock                | 1.0%        | 100         | 0        | 100           | 0.0%        | %    |
| 25         | REI | Flat Foundations                               | 4.0%        | 18          | 0        | 18            | 0.0%        | EA   |
| 26         | REI | Main Power Transformer                         | 4.0%        | 100         | 0        | 100           | 0.0%        | EA   |
| 27         | REI | Piers  | 4.0%        | 78          | 77       | 1             | 98.7%       | EA   |
| 28         | REI | Grounding Grid                                 | 5.0%        | 100         | 30       | 70            | 30.0%       | %    |
| 30         | REI | Conduits Installation                          | 3.0%        | 100         | 30       | 70            | 30.0%       | %    |
| 31         | REI | Trenwa Installation                            | 3.0%        | 100         | 30       | 70            | 30.0%       | %    |
| 32         | REI | Structural Steel                               | 5.0%        | 100         | 35       | 65            | 35.0%       | %    |
| 33         | REI | Dead End & Static Mast                         | 3.0%        | 100         | 85       | 15            | 85.0%       | %    |
| 34         | REI | Collection Circuits Risers                     | 3.0%        | 100         | 0        | 100           | 0.0%        | %    |
| 35         | REI | Place Equipment and Bus                        | 5.0%        | 100         | 0        | 100           | 0.0%        | %    |
| 36         | REI | Install Cables & Control Wiring                | 4.0%        | 100         | 0        | 100           | 0.0%        | %    |
| 37         | REI | POWER TRANSFORMER 230/34.5KV                   | 4.0%        | 100         | 0        | 100           | 0.0%        | %    |
| 38         | REI | Grounding Transformer                          | 2.0%        | 100         | 0        | 100           | 0.0%        | %    |
| 39         | REI | MET Tower                                      | 2.0%        | 100         | 0        | 100           | 0.0%        | %    |
| 40         | REI | Commissioning and Testing                      | 4.0%        | 100         | 0        | 100           | 0.0%        | %    |
| 41         | REI | Sub. Substantial Completion                    | 7.0%        | 100         | 0        | 100           | 0.0%        | %    |
| 42         | REI | Hand Over of Job Books                         | 2.0%        | 100         | 0        | 100           | 0.0%        | %    |
|            |     | Substation SubcontractorTotals                 | 100.0%      | 100         | 0        | 0             | 45.7%       | %    |

**Comments:**

- Completed placing concrete for the remaining pier foundations for equipment installation;
- Continued installing Trenwa;
- Continue installing conduit for MV breakers & Control Building;
- Installed back up power and energized control building;
- Placed batteries and mounting panels and misc. work in Control Building.

### TURBINES

| Item                           | Weighted %   | Quantity             | Total Received | Total Remaining | Percent Complete |
|--------------------------------|--------------|----------------------|----------------|-----------------|------------------|
| <b>Deliveries</b>              | <b>20.0%</b> | <b>Deliveries</b>    |                |                 | <b>5.7%</b>      |
| Base                           | 15.0%        | 75                   | 4              | 71              | 5.3%             |
| Mid                            | 14.0%        | 75                   | 4              | 71              | 5.3%             |
| Upper Mid                      | 14.0%        | 75                   | 4              | 71              | 5.3%             |
| Top                            | 14.0%        | 75                   | 4              | 71              | 5.3%             |
| Nacelle                        | 14.0%        | 75                   | 5              | 70              | 6.7%             |
| Hub                            | 14.0%        | 75                   | 5              | 70              | 6.7%             |
| Blades                         | 15.0%        | 75                   | 4              | 71              | 5.3%             |
| <b>Installations</b>           | <b>50.0%</b> | <b>Installations</b> |                |                 | <b>0.4%</b>      |
| Base                           | 17.0%        | 75                   | 1              | 74              | 1.3%             |
| Mid                            | 16.0%        | 75                   | 1              | 74              | 1.3%             |
| Upper Mid                      | 16.0%        | 75                   | 0              | 75              | 0.0%             |
| Top                            | 17.0%        | 75                   | 0              | 75              | 0.0%             |
| Nacelle                        | 17.0%        | 75                   | 0              | 75              | 0.0%             |
| Blades                         | 17.0%        | 75                   | 0              | 75              | 0.0%             |
| <b>MCC &amp; Commissioning</b> | <b>50.0%</b> | <b>Terminations</b>  |                |                 | <b>0%</b>        |
| Walkdowns                      | 33.3%        | 75                   | 0              | 75              | 0.0%             |
| MCC Submitted                  | 33.3%        | 75                   | 0              | 75              | 0.0%             |
| MCC Signed                     | 33.4%        | 75                   | 0              | 75              | 0.0%             |

**Turbine Progress: 1.4%**

#### Highlights

- Continuing to receive components - to date 4 complete WTG sites have complete towers;
- Climb trained 50 individuals;
- Foundation crew completed concrete work and the batch plant will be demobilized from the lay down by next week. This will allow more space for Vestas and the erection team.

#### Issues

- Delivery of the 300-ton class cranes are delayed;
- The first Liebherr 1300 crane parts have arrived onsite and assembly is ongoing and expected to be complete by 6/23/2015. The second Liebherr 1300 crane is expected to be onsite and assembled by 7/3/2015;
- Delivery and erection production was impacted due to weather/rain/mud/lightning delays on 6/19/2015.

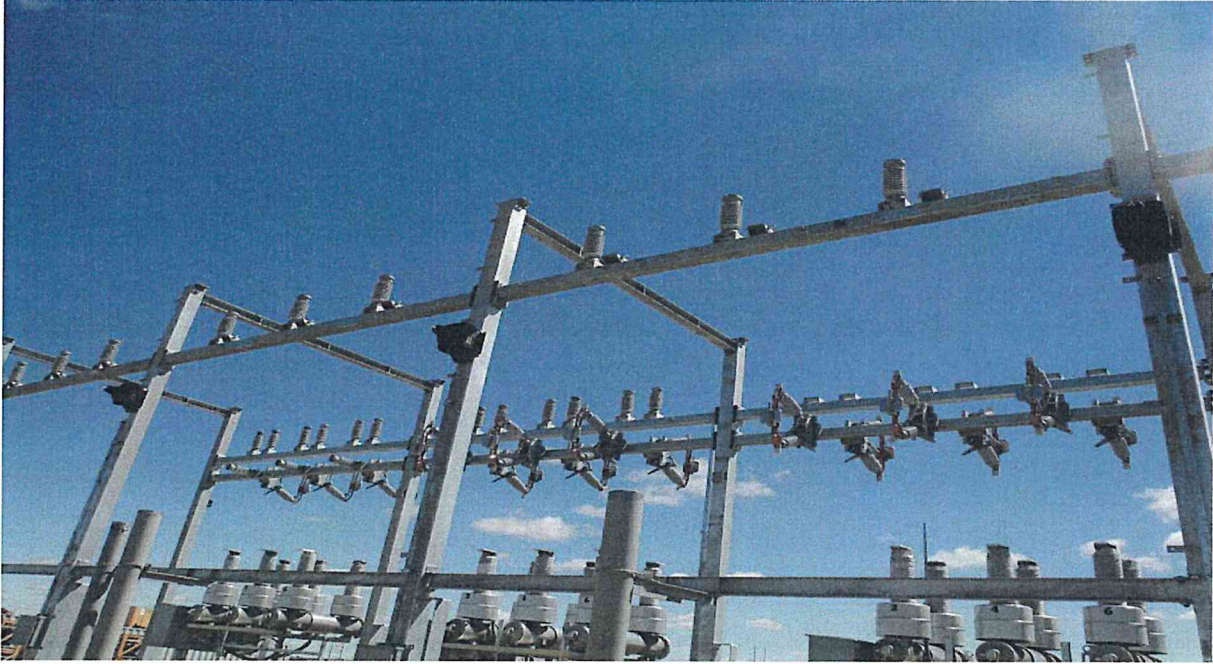
- **Exhibit 1 – Site Photographs**



**O&M Building – Fence**



**T11 Mud mat**



**Substation**



**Main Crane**



**Turbine delivery**



**Turbine delivery**



## Exhibit 2 – Safety Log

### Formulas for TRIR and RES Safety Index calculation:

$$\text{TRIR} = ((\text{Lost Time} + \text{Medical Aid}) * 200,000) / \text{Total Project Man Hours} \quad ((1+1) * 200,000 / \text{Total Project Man Hours})$$

$$\text{RES Safety Index} = ((\text{Lost Time} * 64) + (\text{Injury} * 16) + (\text{Minor Injury} * 4) + (\text{Damage} * 1) + (\text{Near Miss} * 0.25)) / \text{Man Hours} * 1000$$

$$((1 * 64) + (1 * 16) + (10 * 4) + (26 * 1) + (74 * .25)) / \text{Total Project Man Hours} * 1000$$

| #   | Date:   | Incident Observed During: | Incident Type:        | Company Involved: | Incident Details:   | Corrective Action Details:   | Actions Taken to Prevent Reoccurrence:   |
|-----|---------|---------------------------|-----------------------|-------------------|---|--|--|
| 640 | 6/12/15 | Normal Work Activities    | Injury                | RES Americas      | Safety Supervisor was removing t-posts from a barricade in the laydown yard. After removing the t-posts the Safety Supervisor noticed stiffness and pain in his back.   | Safety Supervisor was directed to try and stretch more often when performing strenuous activity after being in a vehicle and office for most of the day. | All team members were reminded that during the day all personnel should stretch again throughout the day in order to prevent tightness in muscles, ligaments and tendons while performing work activities. |
| 641 | 6/15/15 | Safety Walk               | Safe Work Observation | RES Erections     | Site Safety walked through the laydown yard after the morning safety meeting ensuring morning check offs of vehicles and equipment was being conducted. An employee brought an extinguisher to Site Safety that needed a tamper seal in order to be in service. | None, this was a Safe Observation.   | None, this was a Safe Observation.   |
| 642 | 6/13/15 | Safety Inspection         | Safe Work Observation | RES Americas      | Section 1 Job Information and Setup completed. Adequate at the time of inspection.  | None, this was a Safe Observation.   | None, this was a Safe Observation.   |



| #   | Date:   | Incident Observed During: | Incident Type:        | Company Involved:   | Incident Details:  | Corrective Action Details:   | Actions Taken to Prevent Reoccurrence:   |
|-----|---------|---------------------------|-----------------------|---------------------|--|--|--|
| 643 | 6/13/15 | Safety Inspection         | Hazard Observation    | RES Americas        | <p>Section 2 Housekeeping and Sanitation completed. Needs improvement at the time of inspection.</p> <p>Several trash cans do not have lids, trash is not being taken out regularly and trash dumpsters have overflowed and are not being replaced in a timely manner once full.</p> | Site Environmental Supervisor was made aware of the situation and has started looking at additional vendors for more trash and recycling dumpsters. All personnel have been made aware that they need to participate in site clean-up and the disposal of trash. | Environmental Supervisor has reached out to additional vendors for more dumpsters and recycling bins for the site. |
| 644 | 6/13/15 | Safety Inspection         | Safe Work Observation | RES Americas        | Section 4 Compound Electrics completed. Adequate at the time of inspection.  | None, this was a Safe Observation.   | None, this was a Safe Observation.   |
| 645 | 6/13/15 | Safety Inspection         | Safe Work Observation | RES Americas        | Section 5 Electrical Work completed. Adequate at the time of inspection.   | None, this was a Safe Observation.   | None, this was a Safe Observation.   |
| 646 | 6/13/15 | Safety Inspection         | Safe Work Observation | RES Erections       | Section 9 Lifting Operations completed. Adequate at the time of inspection.  | None, this was a Safe Observation.   | None, this was a Safe Observation.   |
| 647 | 6/13/15 | Safety Walk               | Safe Work Observation | RES Earth and Cable | A team member operating a road grader on 108st called out on the radio to his supervisor asking him to contact the trucking company to have the driver slow down when driving on the road next to workers on the ground.   | None, this was a Safe Observation.   | None, this was a Safe Observation.   |
| 648 | 6/16/15 | Safety Walk               | Hazard Observation    | RES Erections       | Several team members were observed filling a piece of equipment with lubricant. Site   | Site Safety offered each team member alcohol wipes to clean the  | All team members were reminded of the importance of donning task specific PPE                                      |



| #   | Date:   | Incident Observed During: | Incident Type:     | Company Involved:   | Incident Details:  | Corrective Action Details:   | Actions Taken to Prevent Reoccurrence:   |
|-----|---------|---------------------------|--------------------|---------------------|--|--|--|
|     |         |                           |                    |                     | Safety noticed that some of the lubricant had gotten on their bare hands.  | lubricant off and then latex gloves to don before continuing.  | and informed that Site Safety had chemical gloves if any employee needed them.   |
| 649 | 6/16/15 | Safety Walk               | Hazard Observation | Local Resident      | While component delivery was taking place on 108th St a locally owned POV drove onto site and into a congested road way where they parked to watch on going activities.  | Site Safety approached the occupant of the vehicle and made them aware that they were in a work zone and impeding the flow of traffic and asked to move their vehicle. The vehicle remained due to the road being a public road. | The make, model and license plate of the vehicle were recorded. Site Managers and Supervisors were made aware of the local ordinance "Impeding the flow of traffic" and directed to make Site Safety aware if vehicles are observed in this manner so that local law enforcement can be contacted to aid in the removal of the traffic hazard. |
| 650 | 6/13/15 | Safety Walk               | Hazard Observation | RES Earth and Cable | JHA was not complete.  | Employees were directed to finish JHA and the Supervisor was notified.   | Supervisors were asked to speak up during the all hands safety meeting about the importance of JHA's.  |
| 651 | 6/13/15 | Safety Walk               | Hazard Observation | RES Earth and Cable | Work was being conducted within 3ft of pedestal.   | Employee was educated about staying away from the pedestal and why.  | Quality supervisor reminded all employees about keeping equipment away from the turbine site pedestals.  |
| 652 | 6/16/15 | Safety Walk               | Hazard Observation | Rosendin Electric   | Two fire extinguishers were found to be out of compliance with NFPA 10 standards. The first extinguisher was not mounted and found on the ground. The second extinguisher was found on a piece of rental equipment, mounted improperly, the extinguisher was zip tied to the | Rosendin Safety Rep was made aware of the two deficiencies and provided training on the correct mounting of extinguishers per NFPA 10.   | Rosendin Foreman and Safety Rep were made aware that when they accept equipment from a vendor they are responsible for making sure it is in service and all features are furnished correctly.  |



| #   | Date:     | Incident Observed During: | Incident Type:        | Company Involved:   | Incident Details:   | Corrective Action Details:   | Actions Taken to Prevent Reoccurrence:  |
|-----|-----------|---------------------------|-----------------------|---------------------|---|--|---|
|     |           |                           |                       |                     | equipment frame preventing it from be detached for use.   |  |   |
| 653 | 6/17/15   | Safety Walk               | Safe Work Observation | RES Earth and Cable | Fuel Truck driver donned task specific PPE when fueling equipment.  | None, this was a Safe Observation.   | None, this was a Safe Observation.  |
| 654 | 6/17/15   | Safety Walk               | Safe Work Observation | RES Erections       | A turbine component inspector who is new to RES asked Site Safety to perform a safety walk with him to better understand the safety walk process and complete more quality JHA's.                                   | None, this was a Safe Observation.   | None, this was a Safe Observation.  |
| 655 | 6/17/15   | Normal Work Activities    | Damage                | RES Cable and Earth | Cable Superintendent was driving back to the laydown yard on county road 52, a rock hauling truck was coming in the opposite direction when a rock flew up and hit the RES truck windshield breaking the windshield | Driver may need to slow down when heavy haul trucks are coming in the opposite direction.  | Use caution and slow speeds when heavy haul trucks are moving in the opposite direction.  |
| 656 | 6/17/2016 | Normal Work Activities    | Near Miss             | RES Civil           | RES operator came into the office feeling ill, experiencing head ache, heart flutters, shoulders and chest pain.  | Site Safety talked with the operator and asked how he was feeling, he told me his symptoms I made the decision to take him to the hospital to get checked out. | The doctor said the operator was doing ok, his test came out fine, the doctor did say that the operator was drinking too much coffee and smoking too much, the operator was instructed to drink only two cups of coffee a day instead of 10 to 12 cups and cut down on the smoking, instructions to drink more water and sports drinks, the operator was released to work with no |



| #   | Date:   | Incident Observed During: | Incident Type:        | Company Involved: | Incident Details:  | Corrective Action Details:  | Actions Taken to Prevent Reoccurrence:  |
|-----|---------|---------------------------|-----------------------|-------------------|--|---|---|
|     |         |                           |                       |                   |  |   | restrictions  |
| 657 | 6/17/15 | Safety Walk               | Hazard Observation    | RES Erection      | On turbine pad 23 base section was suspended so the cleaning crew could wash in inside of the base. 7 new workers were standing under the boom of the crane.                                   | Site Safety had all 7 crew members move to a safer location, out from under the boom.   | Site Safety talked the crew, and made them aware of why it is not a good place to be standing, it was also brought up in the all hands weekly safety meeting.                                   |
| 658 | 6/17/15 | Safety Walk               | Hazard Observation    | RES Erection      | Crane barricade not up on one side of the crane, workers crossing over into the swing radius of the crane over the crane mats.   | Site Safety talked to the erection foremen about the barricade.   | Strike was not issued since many of the crew members are new to RES and the project, training at turbine pad provided also explanation why barricade needs to erected before crane work begins. |
| 659 | 6/18/15 | Safety Walk               | Hazard Observation    | RES Americas      | A JHA used for climbing did not have "pinch points" or "exhaustion" listed nor did it have the mitigation steps for it.<br><br>Pinch points were verbally discussed but not listed on the JHA. | Site Safety added both pinch points and exhaustion to the JHA and made the team members aware of the Exhaustion hazards and mitigation steps.<br><br>*A strike was not issued due to the JHA being part of a practical training evolution for tower climbing. | All personnel involved in the climb training were advised of the hazards and the lead person talked about the JHA process at the 19Jun2015 all hands meeting.                                   |
| 660 | 6/18/15 | Safety Walk               | Safe Work Observation | RES Americas      | All participants of the tower climb training had properly donned fall arrest systems for climbing.   | None, this was a Safe Observation.  | None, this was a Safe Observation.  |



| #   | Date:   | Incident Observed During: | Incident Type:        | Company Involved:   | Incident Details:  | Corrective Action Details:  | Actions Taken to Prevent Reoccurrence:   |
|-----|---------|---------------------------|-----------------------|---------------------|--|---|--|
| 661 | 6/18/15 | Safety Inspection         | Safe Work Observation | RES Americas        | Section 16 PPE was completed. Adequate at the time of inspection.  | None, this was a Safe Observation.  | None, this was a Safe Observation.   |
| 662 | 6/16/15 | Safety Inspection         | Safe Work Observation | RES Earth and Cable | Section 13 Welding and Cutting was completed. Adequate at the time of inspection.  | None, this was a Safe Observation.  | None, this was a Safe Observation.   |
| 663 | 6/16/15 | Safety Inspection         | Safe Work Observation | Nelson Wind         | Section 14 Concrete Construction was completed. Adequate at the time of inspection.  | None, this was a Safe Observation.  | None, this was a Safe Observation.   |
| 664 | 6/16/15 | Safety Inspection         | Hazard Observation    | RES Earth and Cable | <p>Section 11 Excavation and Shoring was completed. Needs improvement at the time of inspection.</p> <p>Due to heavy rain fall, there is undermining and erosion around barricades that expands outside of barricades.</p> | Superintendents have been made aware of the issue and tasked to assign crews to check barricades after inclement weather. | Site Safety reminded all team members of the importance of ensure proper barricading and the adjustment of barricades takes place. |



**Exhibit 3 – Environmental Log**

**Formula for the Rolling Incident Score =**

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

| #  | CLASS                     | SUB-CAT                   | CONTRACTOR | DATE                | INCIDENT DETAILS  | ACTION TAKEN TO CORRECT SITUATION  | ACTION TAKEN TO PREVENT REOCCURANCE  |
|----|---------------------------|---------------------------|------------|---------------------|---|--|--|
| 66 | Minor Incident (Below RQ) | Equipment Failure or leak | Nelson     | Civil - Foundations | 3 cups of diesel from unknown source found on the ground, north of T34 foundation base.           | The spoil was collected in a 5 gallon container  | Advised everyone to inspect their vehicle for leaks every morning.   |
| 67 | Near Miss                 | Trash or other Refuse     | All        | RES                 | Noticed traces of cement at T32 and T26 entrances that was used for road cement treated           | Cement was wetted to harden and flow into any water body.  | Rock Solid was informed not to leave cement dust on the ground and wet them to avoid draining into water body. |
| 68 | Observation               | Informational             | All        | RES                 | Received new copper recycling bin on site   | None   | Informed all crew about the copper recycling on site   |
| 69 | Observation               | Weather Event             | All        | RES                 | Received 0.65" of rain.   | Perform BMP inspection and ensure all culverts inlets are clear of silt and no damaged silt fence. | Ensure all BMPs are installed properly   |
| 70 | Observation               | Trash or other Refuse     | All        | Other               | Noticed trash including wrappers and cans on the O&M building yard provided for employee parking. | O&M building crew picked up the trash and disposed into the trash bin.                             | Informed all crew to keep the site clean and disposing the trash in the right bin.                             |



**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<br>Backfills and compactions of the turbine bases in freezing conditions |                             |                             | X                                |                                    |
| NCR-2014-38,<br>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.             |             |
| 23053-082 | Emad Alaydi    | RES     | Brad Morrison    | Xcel Energy - Generation   | Substation testing and commissioning requirements | 05/04/15   | 05/08/15              | Substation                    | Received response on 06/03/2015 forwarded to Chris Ayika |             |
| 23053-083 | Emad Alaydi    | RES     | Brad Morrison    | Xcel Energy - Generation   | BW Public and Local IP Address                    | 05/04/15   | 05/08/15              | O&M Building                  | received revision on 6/17/2015                           | 05/28/15    |
| 23053-088 | Emad Alaydi    | RES     | Brad Morrison    | Xcel Energy - Generation   | Bolted and welded bus connection                  | 06/01/15   | 06/05/15              | Substation                    |  | 06/17/15    |
| 23053-091 | Lester Archer  | RES     | Brad Morrison    | Xcel Energy - Generation   | Low side bus ground                               | 06/05/15   | 06/12/15              | Substation                    |  |             |
| 23053-092 | Emad Alaydi    | RES     | Jayme Orrock     | Xcel Energy - Generation   | Fiber termination inside the turbine              | 06/16/15   | 06/22/15              | Turbine                       |  | 06/17/15    |
| 23053-093 | Lester Archer  | RES     | Chris Ayika      | Xcel Energy - Transmission | Xcel End to End Tests                             | 06/17/15   | 06/23/15              | Turbine                       |  |             |



**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  | \$ 11,000.00 | 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  | \$ 11,151.00 | 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 | <p>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.</p> <p>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.</p> <p>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.</p> |

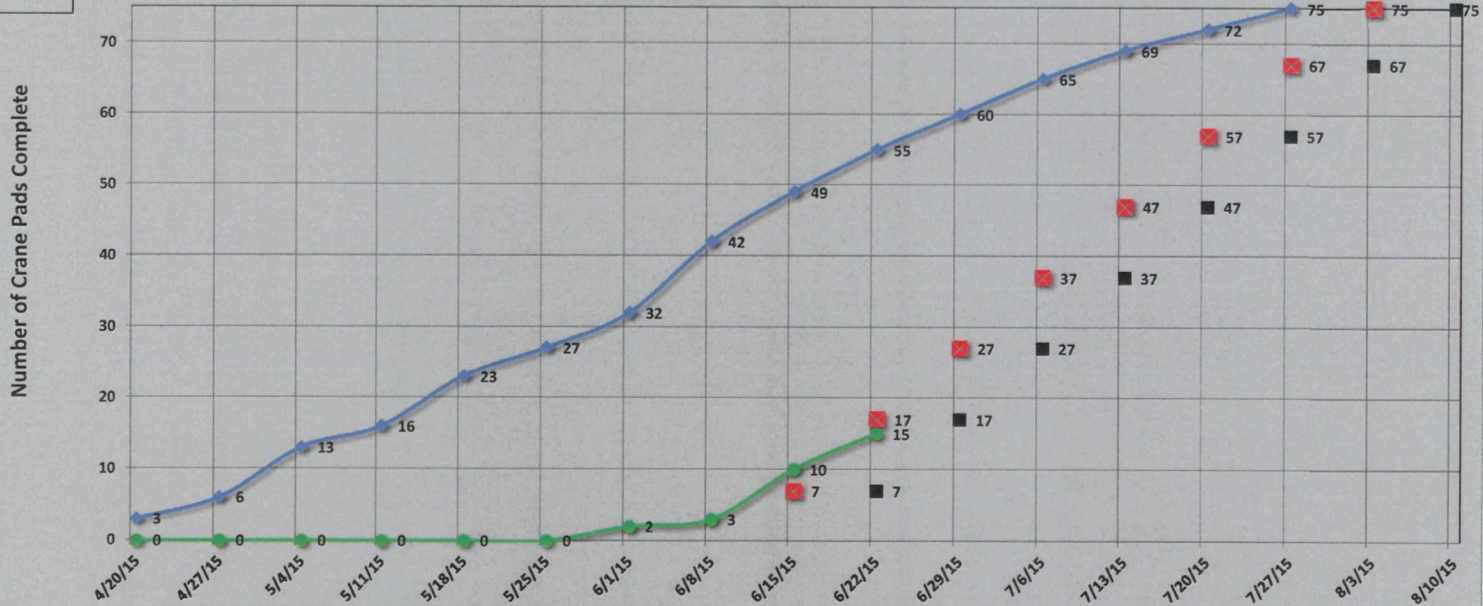
| CO No. | Date Identified | Date Submitted | Date Executed | Description  | Value of CO   | Comments  |
|--------|-----------------|----------------|---------------|--|---------------|---|
| 6      | 06/11/15        |                |               | Upgrade from SEL351 to SEL421 relay and bus relays 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   |



| CO No.       | Date Identified | Date Submitted | Date Executed | Description                                    | Value of CO   | Comments   |
|--------------|-----------------|----------------|---------------|--|---------------|--|
|              |                 |                |               |  |               | not evident from any of the supplied specifications, since Xcel does not have a standard specification for 34.5kV capacitor banks.   |
| 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. |
| <b>TOTAL</b> |                 |                |               |  | \$ 379,294.00 |  |

Last Updated: 6/20/2015

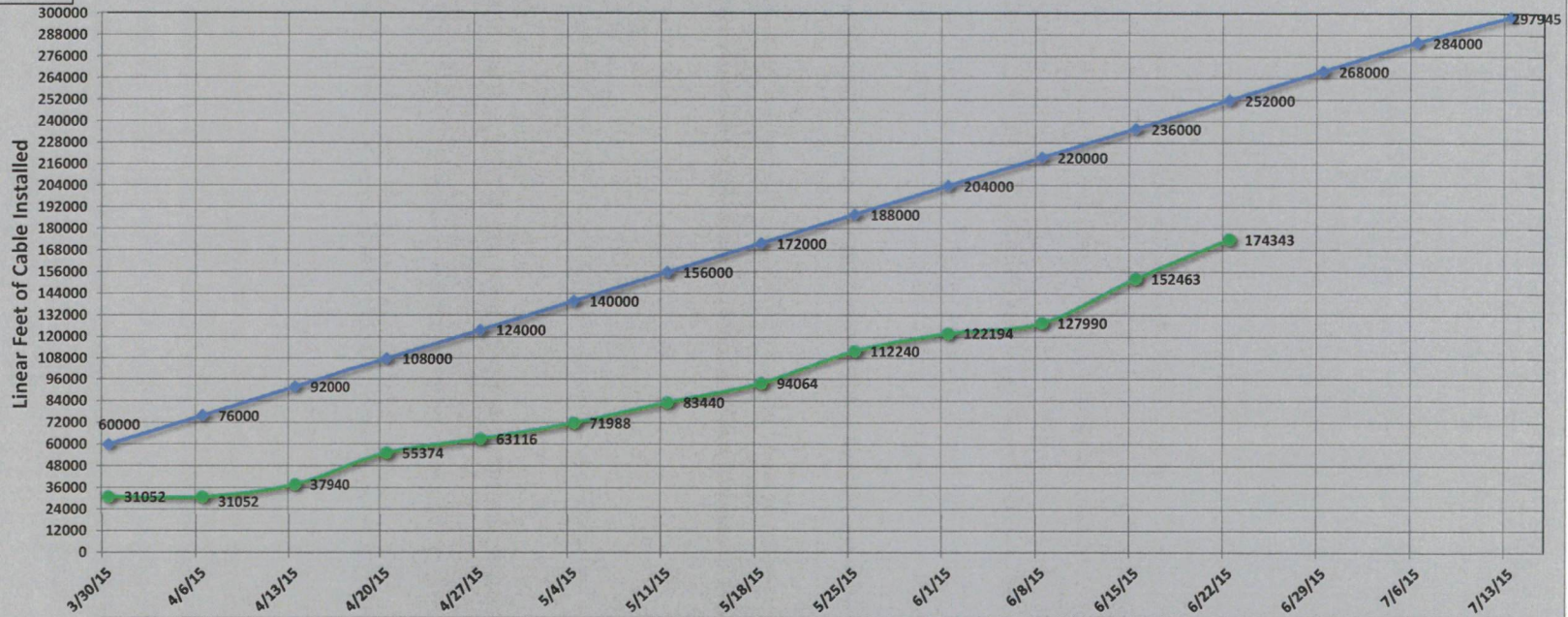
Border Winds - Crane Pad Completion Progress Chart



|                             | 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      | 10      | 15      |         |        |         |         |         |        |         |
| Anticipated WTG Deliveries  |         |         |        |         |         |         |        |        | 7       | 17      | 27      | 37     | 47      | 57      | 67      | 75     |         |
| Guaranteed WTG Deliveries   |         |         |        |         |         |         |        |        | 7       | 17      | 27      | 37     | 47      | 57      | 67      | 75     |         |

Last Updated: 6/20/2015

### Border Winds - Cable Installation Progress Chart

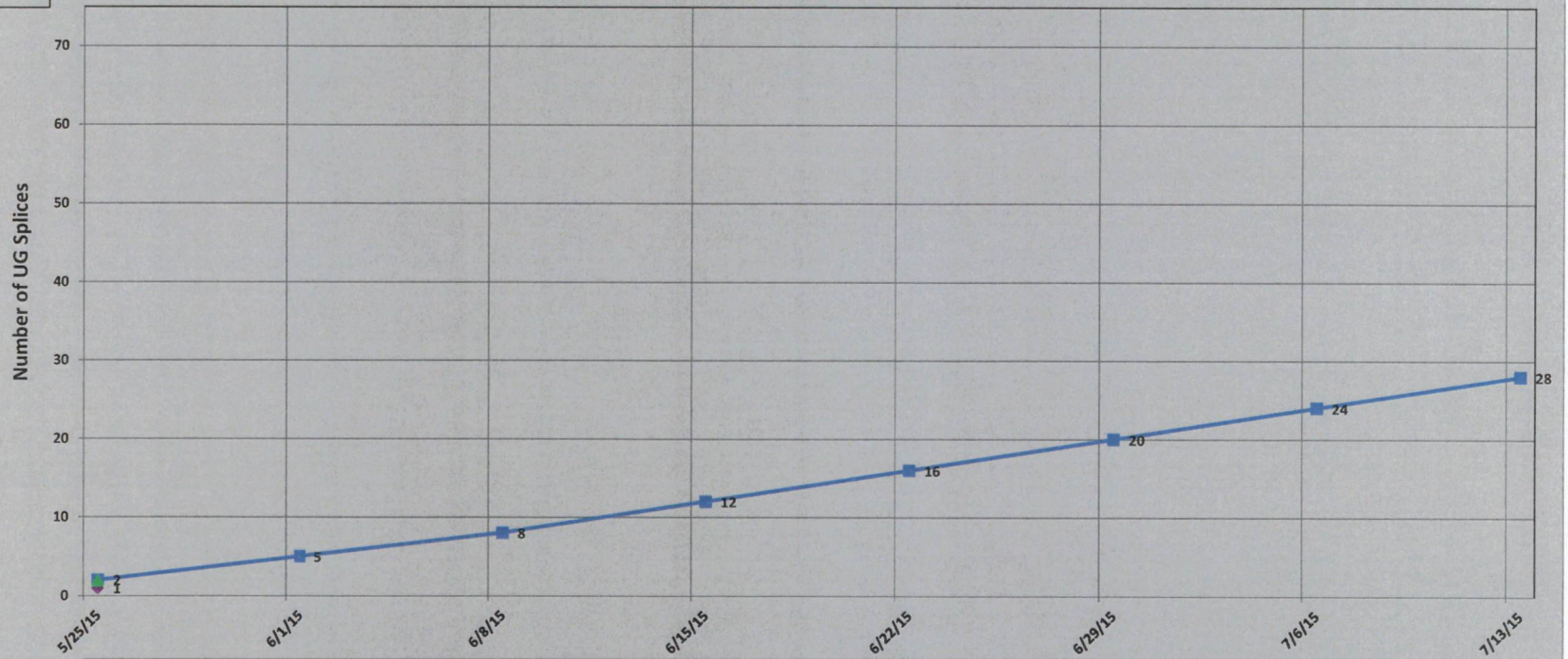


|                            | 3/30/15 | 4/6/15 | 4/13/15 | 4/20/15 | 4/27/15 | 5/4/15 | 5/11/15 | 5/18/15 | 5/25/15 | 6/1/15 | 6/8/15 | 6/15/15 | 6/22/15 | 6/29/15 | 7/6/15 | 7/13/15 |
|----------------------------|---------|--------|---------|---------|---------|--------|---------|---------|---------|--------|--------|---------|---------|---------|--------|---------|
| Planned Cable Installation | 60000   | 76000  | 92000   | 108000  | 124000  | 140000 | 156000  | 172000  | 188000  | 204000 | 220000 | 236000  | 252000  | 268000  | 284000 | 297945  |
| Actual Cable Installed     | 31052   | 31052  | 37940   | 55374   | 63116   | 71988  | 83440   | 94064   | 112240  | 122194 | 127990 | 152463  | 174343  |         |        |         |



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       |        |        |         |         |         |        |         |







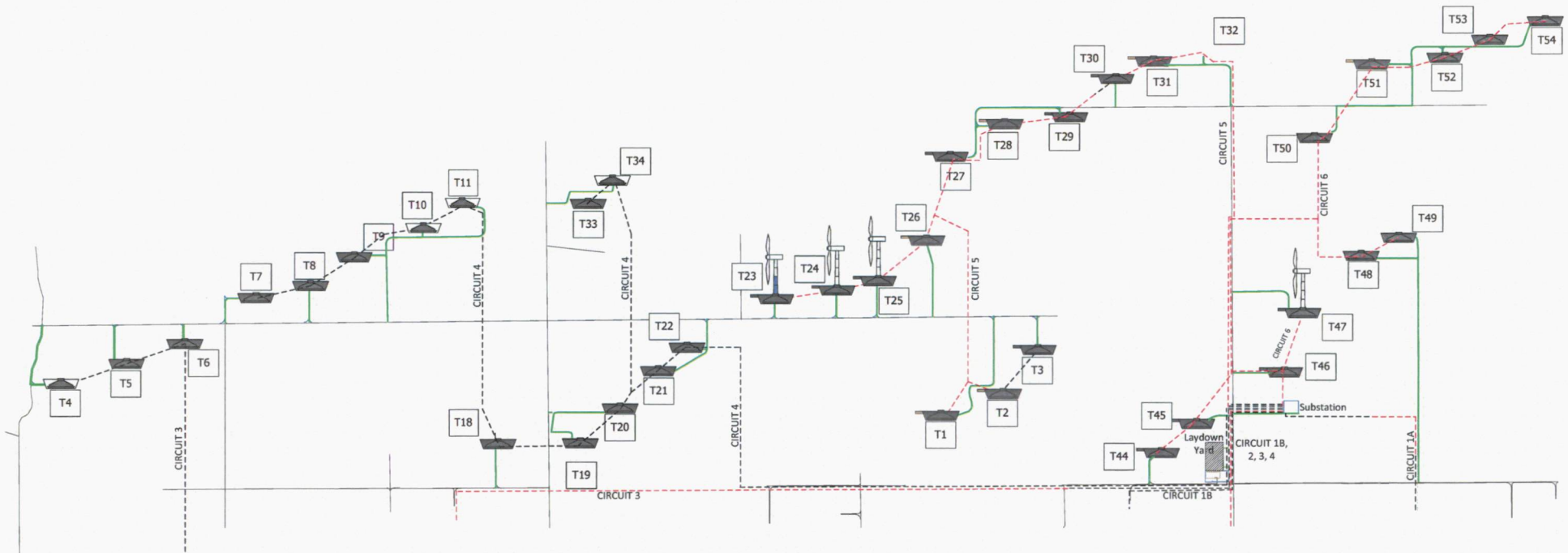






Updated - 06/19/2015

# Border Winds – North Construction Progress Status Map

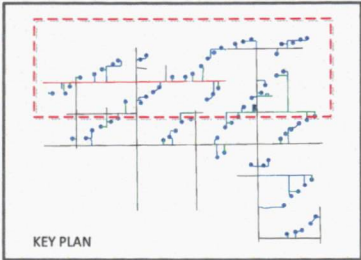


- road design
- road base installed
- - - - 34.5kV underground- design
- - - - 34.5kV underground- installed

| foundation status |           | erection status |                             |
|-------------------|-----------|-----------------|-----------------------------|
|                   | excavated |                 | pedestal                    |
|                   | mud mat   |                 | backfilled                  |
|                   | base      |                 | crane pad subgrade complete |
|                   |           |                 | crane pad complete          |

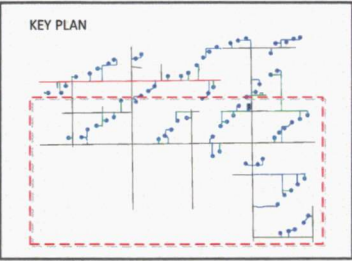
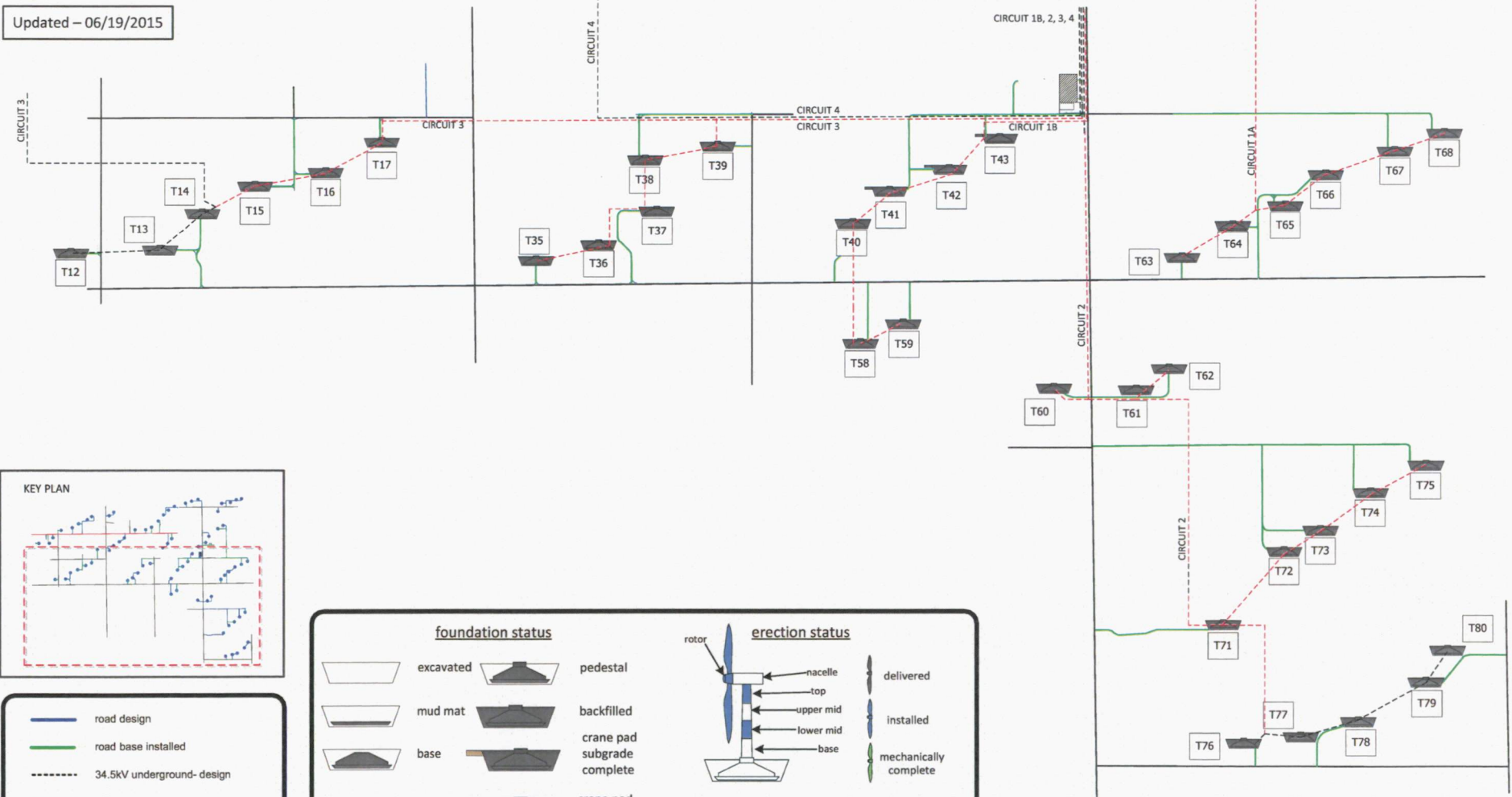
| erection status |                       |
|-----------------|-----------------------|
|                 | delivered             |
|                 | installed             |
|                 | mechanically complete |



# Border Winds – South Construction Progress Status Map

Updated – 06/19/2015



- road design
- road base installed
- - - - 34.5kV underground- design
- - - - 34.5kV underground- installed

| foundation status |           | erection status |                             |
|-------------------|-----------|-----------------|-----------------------------|
|                   | excavated |                 | pedestal                    |
|                   | mud mat   |                 | backfilled                  |
|                   | base      |                 | crane pad subgrade complete |
|                   |           |                 | crane pad complete          |

| erection status |                       |
|-----------------|-----------------------|
|                 | delivered             |
|                 | installed             |
|                 | mechanically complete |

The diagram shows a side view of a turbine tower with labels for its components: rotor, nacelle, top, upper mid, lower mid, and base.