

# **EXHIBIT E**

## **TAB 3**

### **Management Report Samples**

## Plan of the Week

### Safety

(Valard Update) - Plan for period starting 27-Sep:

- COVID-19 screening & compliance. Subcontractor compliance reviews and site assessments.

### Environmental

(Valard Update) – Plan for period starting 27-Sep:

- Environmental monitoring of construction activities in all workfronts, focusing on new clearing activities and watercrossing installations.
- Pre-installation inspections of watercrossings in WF3-WF11.
- Erosion and sediment control repair / installation in all workfronts.
- Remaining wetland flagging and pre-construction surveys in W10-WF11.

### Foundation

(Valard Update) –Plan for period starting 27-Sep:

- Installation of Drilled Shaft at B019.
- Installation of Micropiles at D068, D125, D126, D129 and D130.
- Installation of Drilled Pipe Piles at B116.
- Installation of Grouted Guy Anchors at from B036-B040, at D068, D113 and D125.

### Civil

(Valard Update) – Plan for period starting 27-Sep:

- Clearing structure boxes at B074-B076, C001-C004, C025-C027, C045, C046, C058, C083, C227, C228, D008, E012-E014, E178, E198, E199, E212, E214, E216, F001, F003, F004, F013-F015, F189-F191, F194-F197 and F205-F207.
- Road Building at B074-B077, B159, B160 and C023-C027, D073, D085, D086, D133, E010, E011, E037, E038, F004, F005, F167, F168, F195 and F196.

### Install / Erection

(Valard Update) – Plan for period starting 27-Sep:

- Assembly of structures B036, B037, B038, B039, B040, B097, E037, E160, E166, E167, E185 and E186.
- Erection of structures B018, B020, B021, B065, B138-B142, D056 and D061-D064.

### Collection

(Valard Update) – Not applicable.

### Substation

(Valard Update) – Not applicable.

### Transmission Line

(Valard Update) – Plan for period starting 27-Sep:

- Survey: Foundation support in WF3 and WF9. IFC staking in WF3 and WF7-WF9. IFCR staking WF2-WF5 and WF7-WF9. Survey as-builts in WF8 and WF9.
- Materials: Receive and haul tower steel, ROW materials, foundation materials and stringing hardware in Thunder Bay and Marathon yards. Hauling of tower steel to B088-B091, B096-B099, E037-E044, E212 and E215.
- Stringing: Begin pulling conductors and OHSW from A087-A104/A105. Pull OPGW from A049-A066. Flying Rope from A104/A105-A121/A122.

## Construction Status Summary

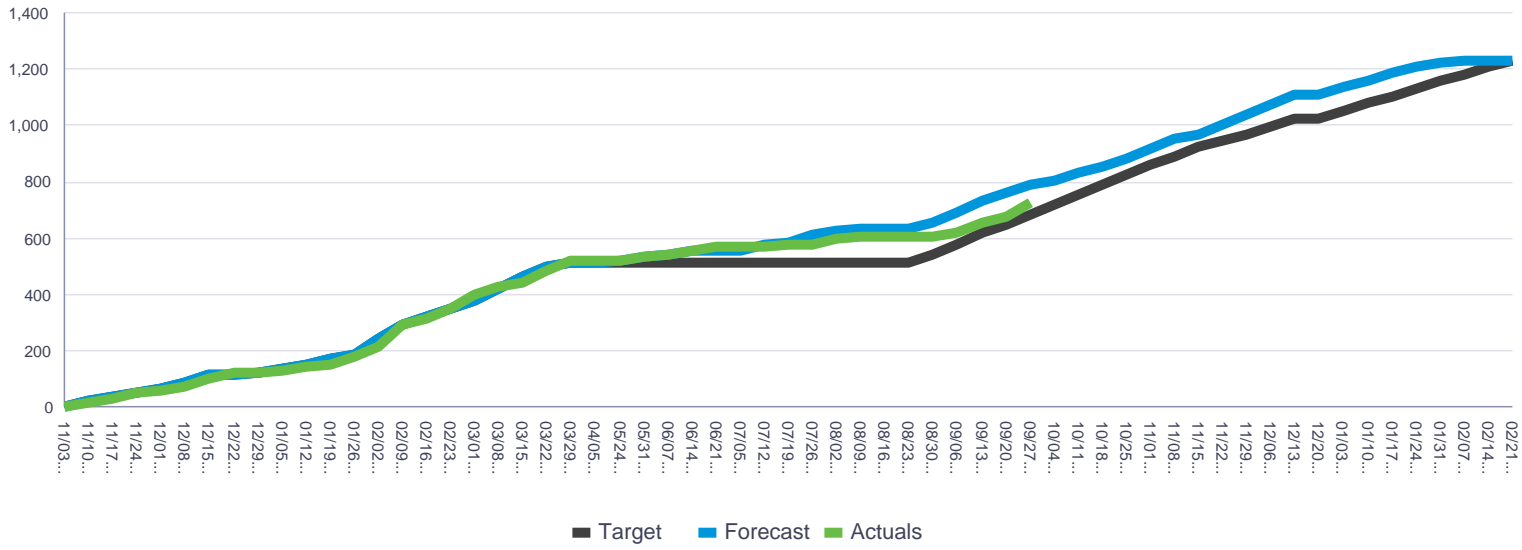
Activity	Total Amounts	To Date Amounts			% Complete	
		Target	Forecast	Actuals	% of Total Target	% of To Date Target
Clearing Complete (Ea.)	1228	684	786	724	59%	106%
Access Road Complete (Ea.)	1228	616	751	715	58%	116%
Foundation Complete (Ea.)	1228	482	506	420	34%	87%
Structure Delivery Complete (Ea.)	1228	357	597	510	42%	143%
Framing Complete (Ea.)	1228	327	530	526	43%	161%
Structure Erected (Ea.)	1228	175	238	193	16%	110%
Anchor Installation Complete (Ea.)	774	238	378	298	39%	125%
Conductor Stringing Complete (Ea.)	1228	144	98	73	6%	51%
Conductor Clipping Complete (Ea.)	1228	144	98	71	6%	49%
OPGW/OHGW Stringing Complete (Ea.)	1228	144	64	32	3%	22%
OPGW/OHGW Clipping Complete (Ea.)	1228	144	64	0	0%	0%
Restoration Complete (Ea.)	0	0	0	1	0%	0%

## Material Receiving

Material Description	Quantity Received to Date
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## Clearing Complete-Ea.



**Vendor: Valard**

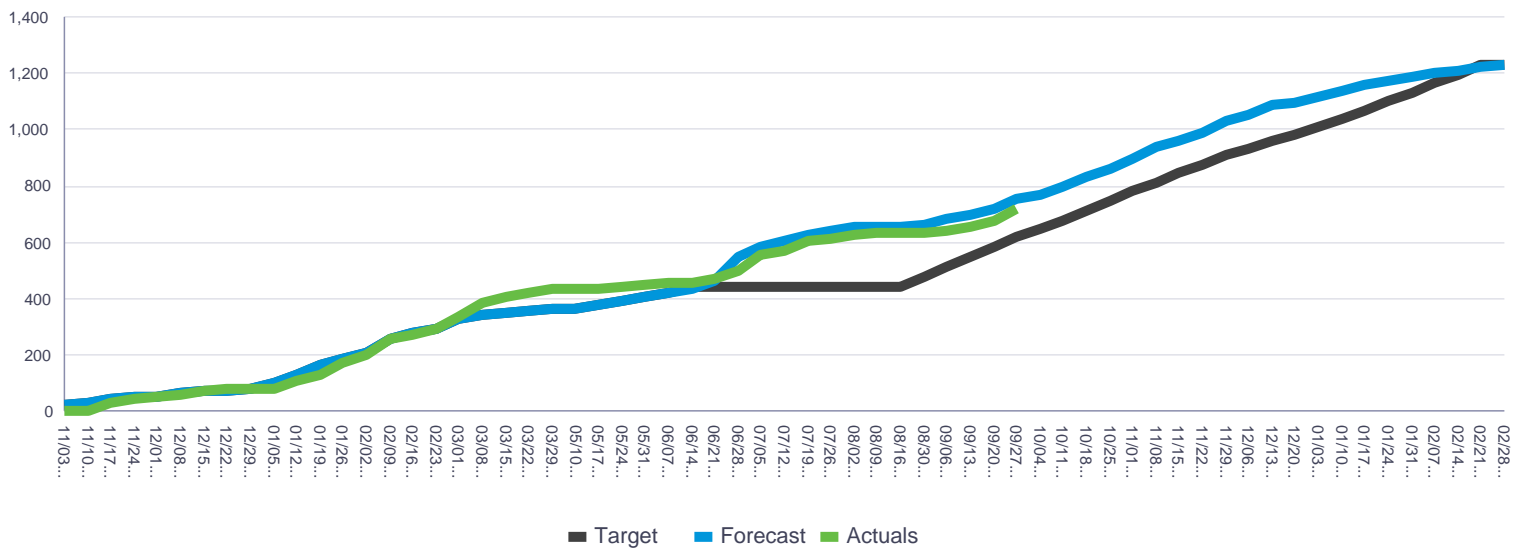
**Status:** On/Ahead of Target

**Progress:** Clearing work is ongoing in WF3, WF4, WF5, WF6, WF7, WF8, WF9, WF10 and WF11. Refer to the T-Line Installation Tracker - NEE for further detail.

**Recovery Plan:** Updated Project Schedule to be determined after Valard-NextBridge executive discussions - working towards draft schedule.

**Progress as of: SEP-30-2020**  
**Quantity Completed to Date: 724**

## Access Road Complete-Ea.



**Vendor: Valard**

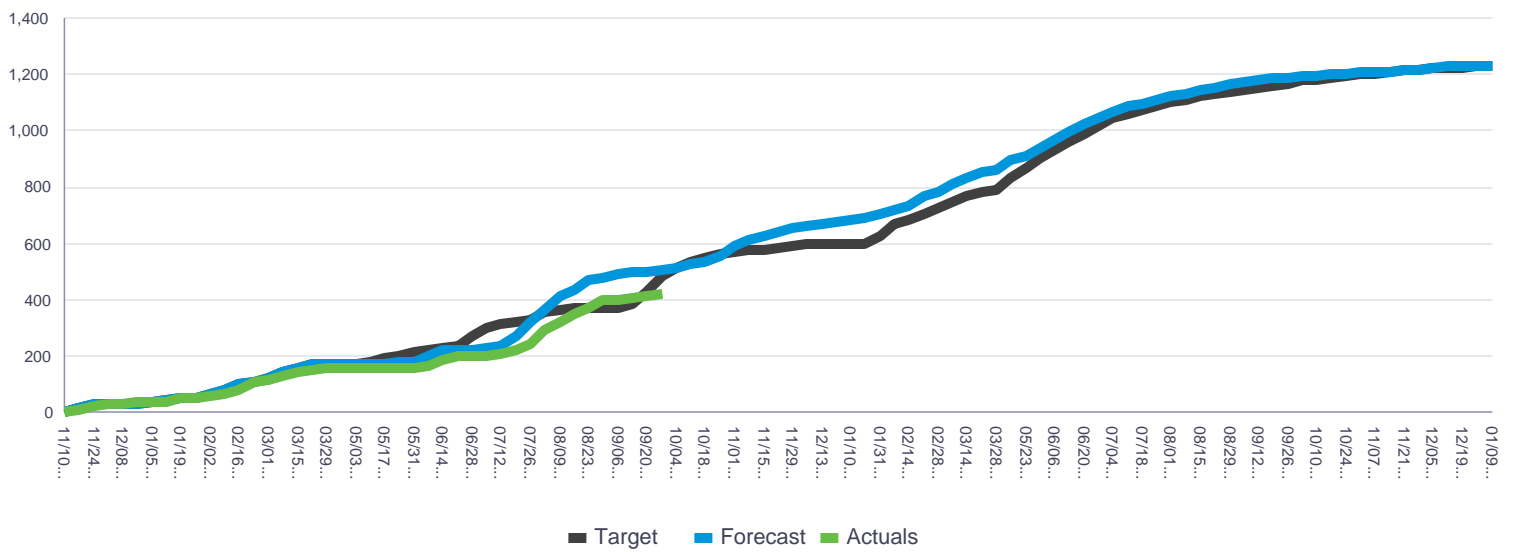
**Status:** On/Ahead of Target

**Progress:** Access Road work is ongoing in WF3, WF4, WF5, WF7, WF8, WF9, WF10 and WF11. Refer to the T-Line Installation Tracker - NEE for further detail.

**Recovery Plan:** Updated Project Schedule to be determined after Valard-NextBridge executive discussions - working towards draft schedule.

**Progress as of: SEP-30-2020**  
**Quantity Completed to Date: 715**

## Foundation Complete-Ea.



**Vendor: Valard**

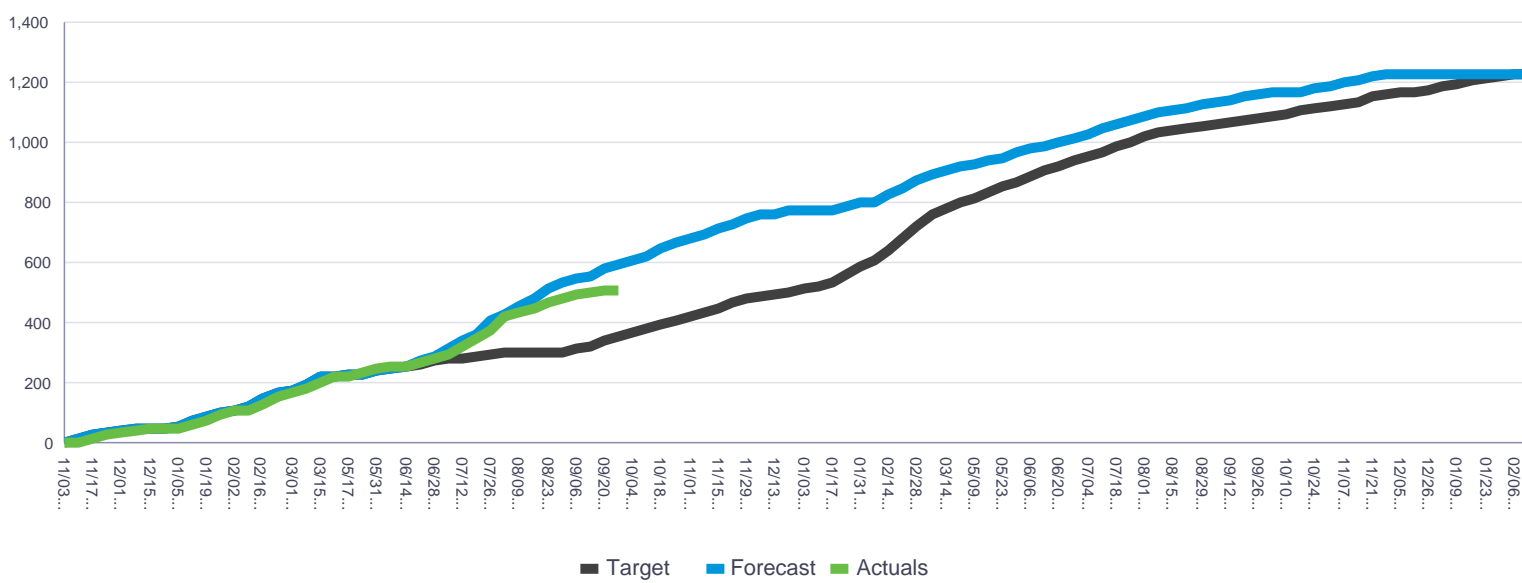
**Status:** On/Ahead of Target

**Progress:** Foundation Installation work is ongoing in WF2, WF3, WF7, and WF9. Refer to the T-Line Installation Tracker - NEE for further detail.

**Recovery Plan:** Updated Project Schedule to be determined after Valard-NextBridge executive discussions - working towards draft schedule.

**Progress as of: SEP-30-2020**  
**Quantity Completed to Date: 420**

## Structure Delivery Complete-Ea.



**Vendor: Valard**

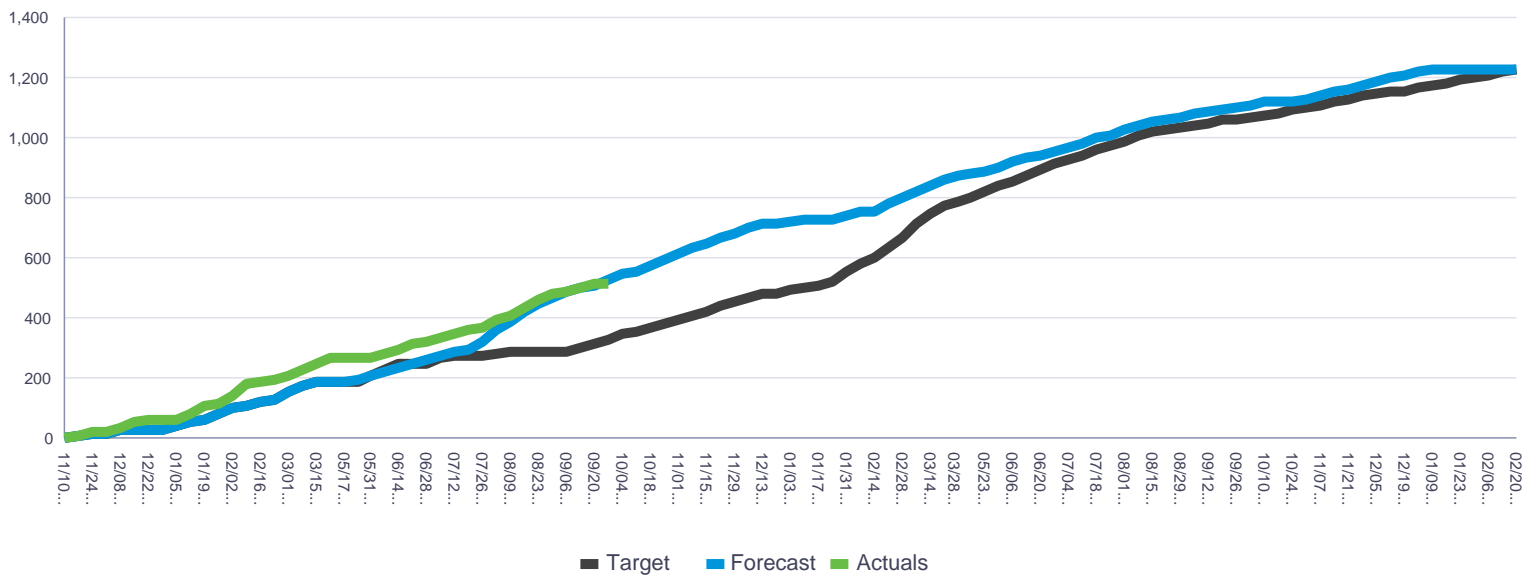
**Status:** On/Ahead of Target

**Progress:** Structure Delivery work is ongoing in WF9. Refer to the T-Line Installation Tracker - NEE for further detail.

**Recovery Plan:** Updated Project Schedule to be determined after Valard-NextBridge executive discussions - working towards draft schedule.

**Progress as of: SEP-30-2020**  
**Quantity Completed to Date: 510**

Framing Complete-Ea.



Vendor: Valard

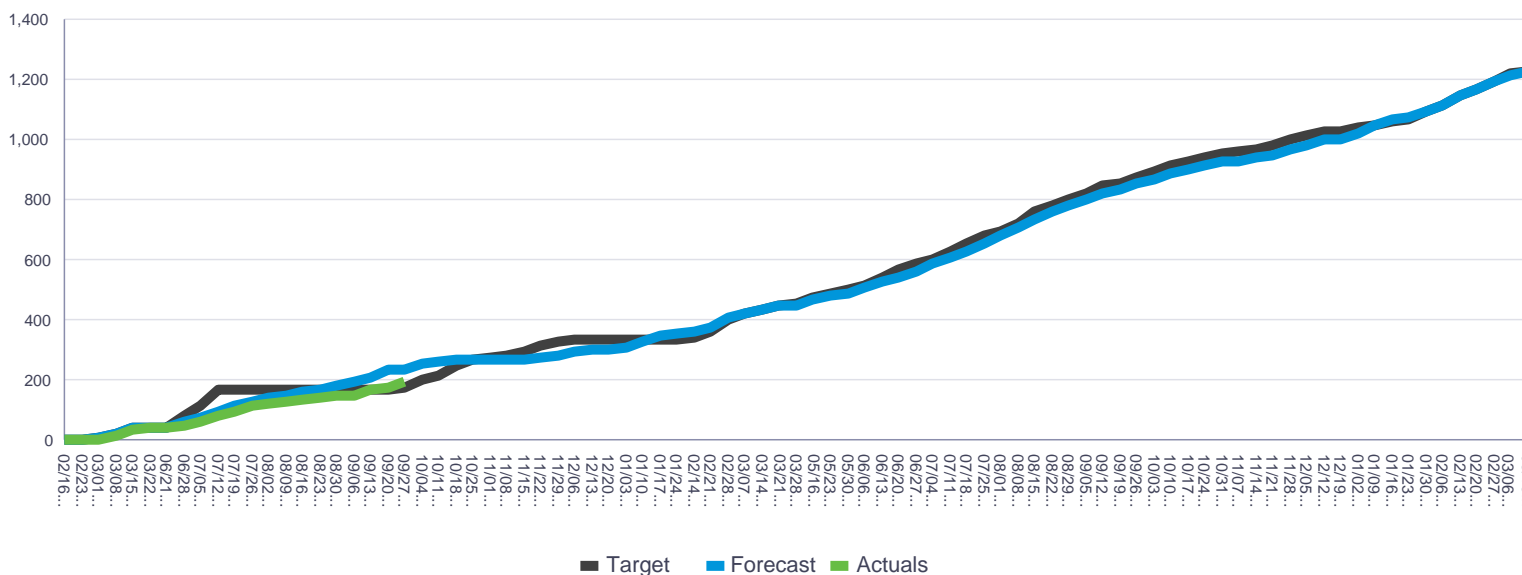
Status: On/Ahead of Target

Progress: Structure Assembly work is ongoing in WF3 and WF9. Refer to the T-Line Installation Tracker - NEE for further detail.

Recovery Plan: Updated Project Schedule to be determined after Valard-NextBridge executive discussions - working towards draft schedule.

Progress as of: SEP-30-2020
Quantity Completed to Date: 517

Structure Erected-Ea.



Vendor: Valard

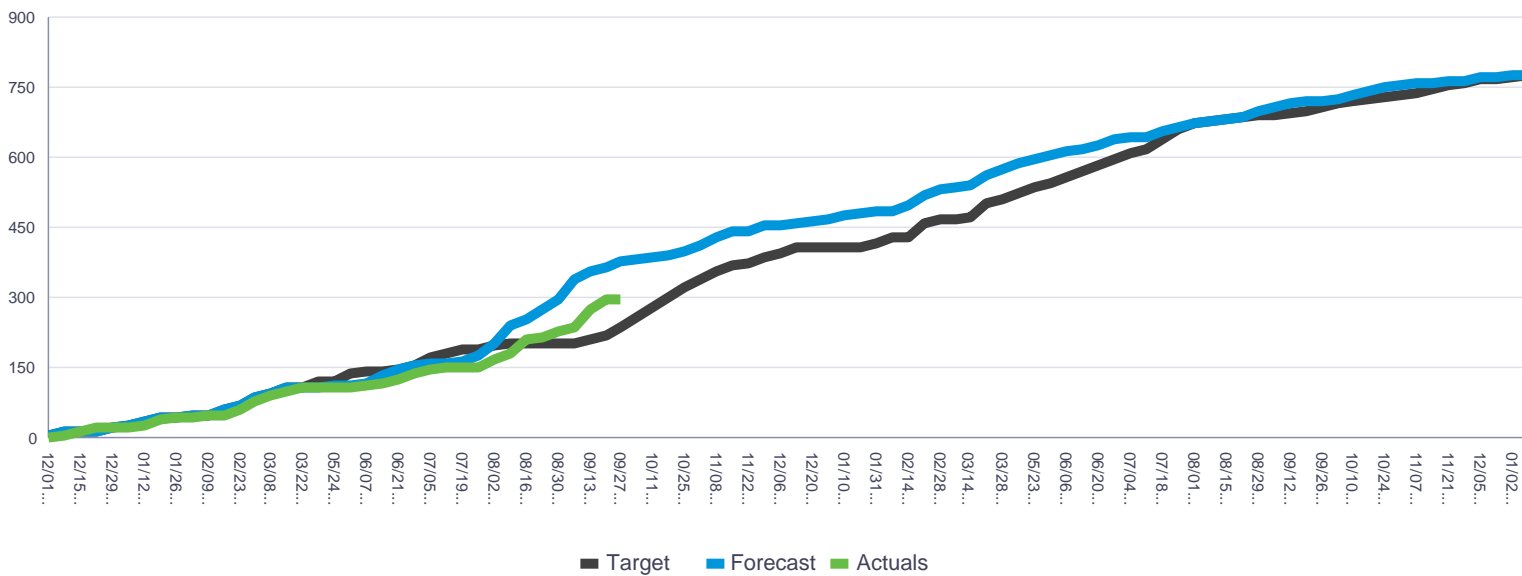
Status: On/Ahead of Target

Progress: Structure Erection work is ongoing in WF2, WF3 and WF7. Refer to the T-Line Installation Tracker - NEE for further detail.

Recovery Plan: Updated Project Schedule to be determined after Valard-NextBridge executive discussions - working towards draft schedule.

Progress as of: SEP-30-2020
Quantity Completed to Date: 193

Anchor Installation Complete-Ea.



Vendor: Valard

Status: On/Ahead of Target

Progress: Guy Anchor Installation work is ongoing in WF2 and WF7. Refer to the T-Line Installation Tracker - NEE for further detail.

Recovery Plan: Updated Project Schedule to be determined after Valard-NextBridge executive discussions - working towards draft schedule.

Progress as of: SEP-30-2020
Quantity Completed to Date: 298

Conductor Stringing Complete-Ea.



Vendor: Valard

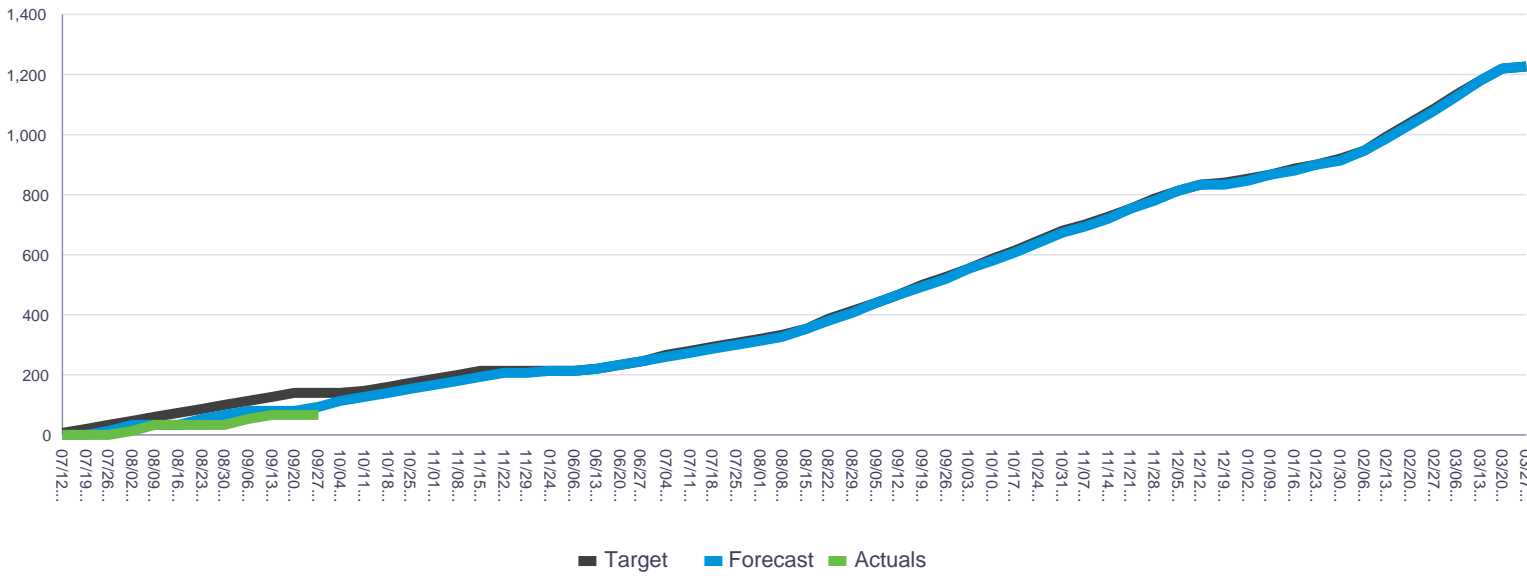
Status: Behind Target - Recovery

Progress: Stringing activities are ongoing in WF1. Refer to the T-Line Installation Tracker - NEE for further detail.

Recovery Plan: Updated Project Schedule to be determined after Valard-NextBridge executive discussions - working towards draft schedule.

Progress as of: SEP-30-2020
Quantity Completed to Date: 73

**Conductor Clipping Complete-Ea.**



**Vendor: Valard**

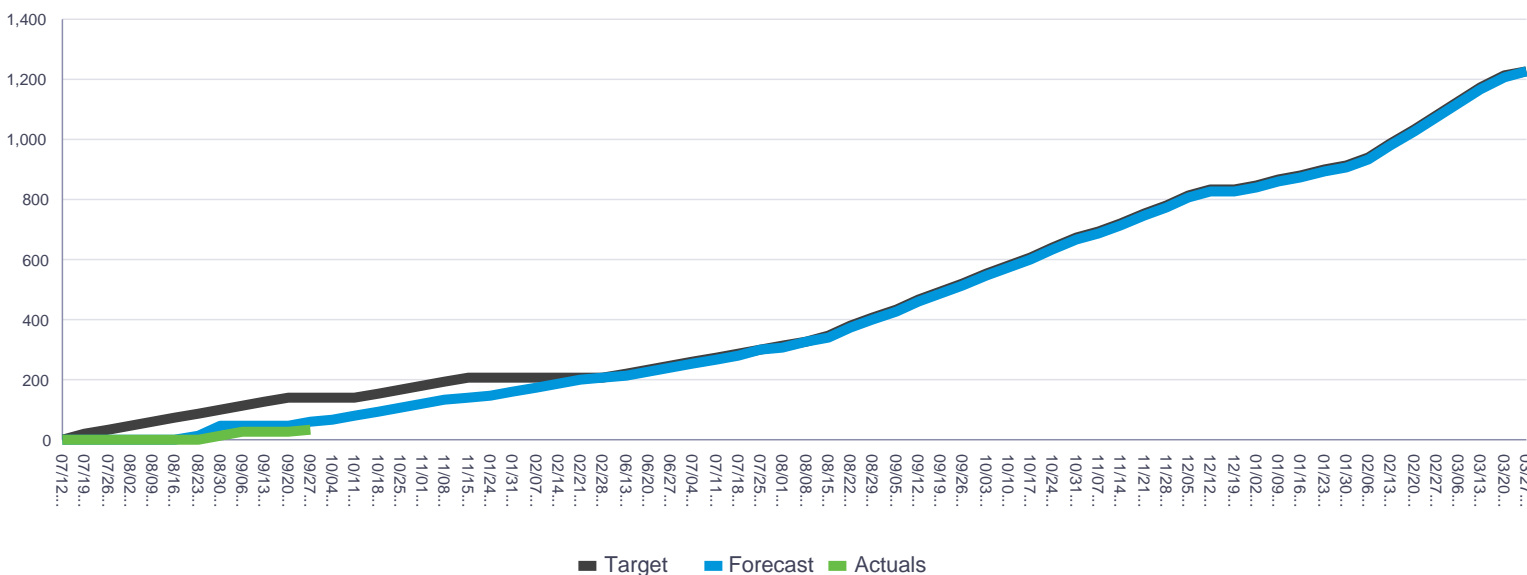
**Status:** Behind Target - Recovery

**Progress:** Stringing activities are ongoing in WF1. Refer to the T-Line Installation Tracker - NEE for further detail.

**Recovery Plan:** Updated Project Schedule to be determined after Valard-NextBridge executive discussions - working towards draft schedule.

**Progress as of: SEP-30-2020**  
**Quantity Completed to Date: 71**

**OPGW/OHGW Stringing Complete-Ea.**



**Vendor: Valard**

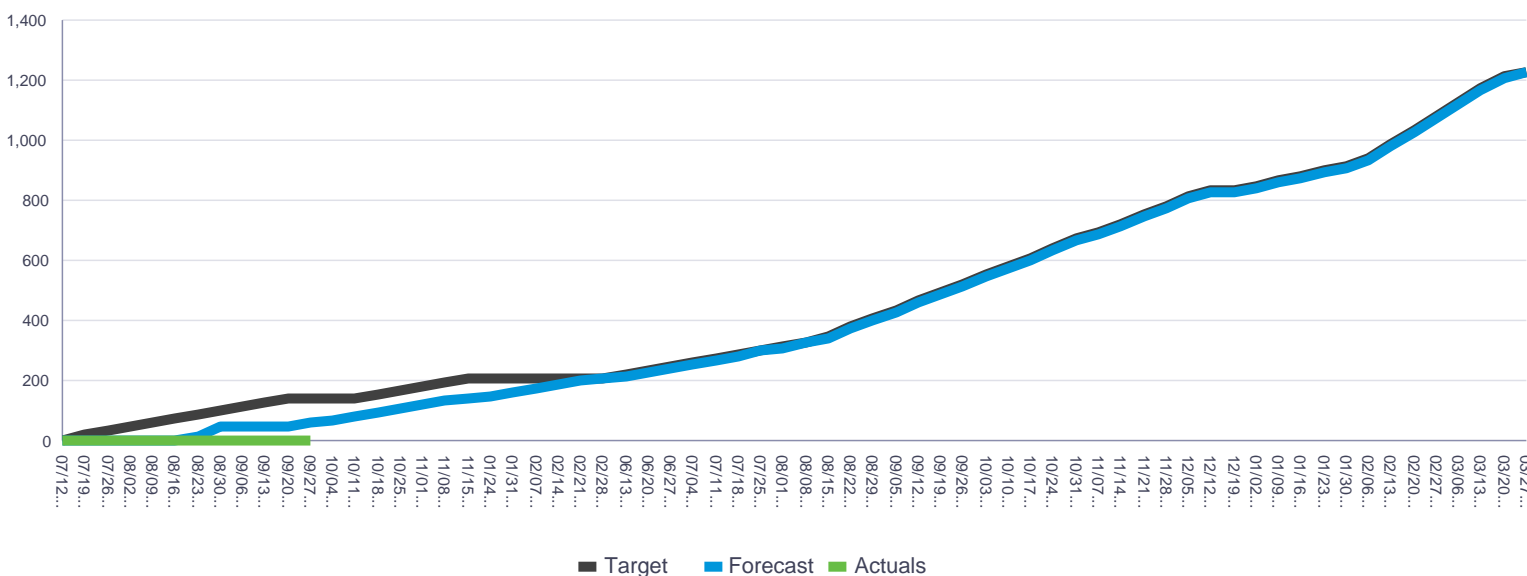
**Status:** Behind Target - Recovery

**Progress:** Stringing activities are ongoing in WF1. Refer to the T-Line Installation Tracker - NEE for further detail.

**Recovery Plan:** Updated Project Schedule to be determined after Valard-NextBridge executive discussions - working towards draft schedule.

**Progress as of: SEP-30-2020**  
**Quantity Completed to Date: 32**

**OPGW/OHGW Clipping Complete-Ea.**



**Vendor: Valard**

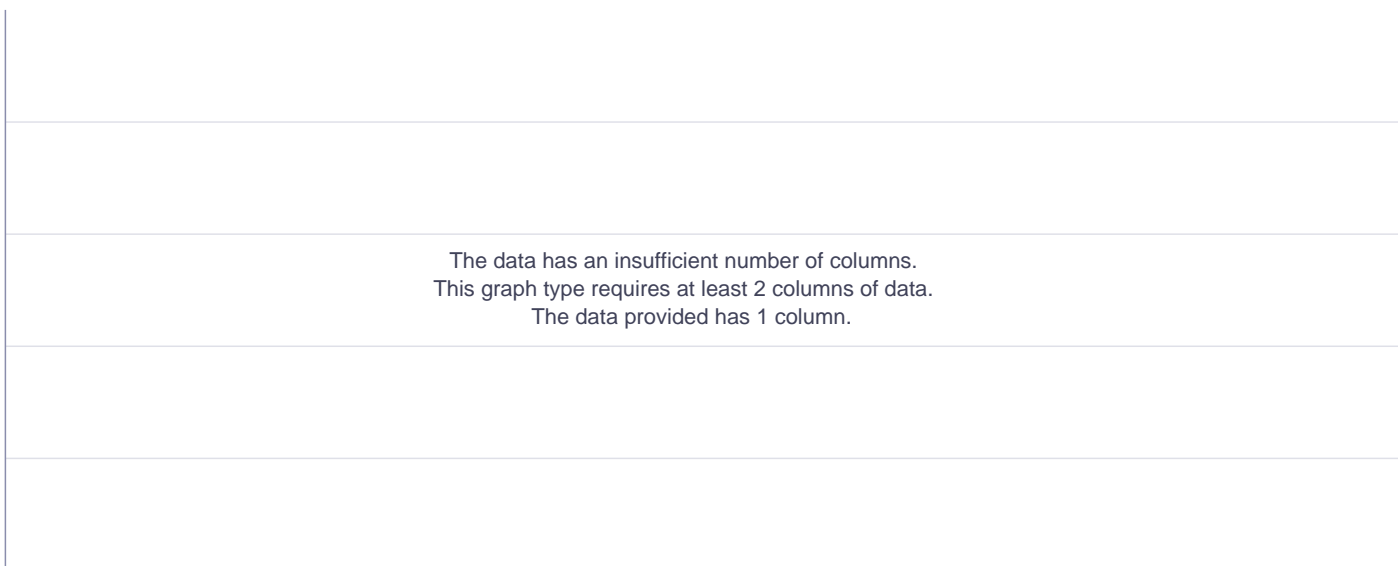
**Status:** Behind Target - Recovery

**Progress:** Stringing activities are ongoing in WF1. Refer to the T-Line Installation Tracker - NEE for further detail.

**Recovery Plan:** Updated Project Schedule to be determined after Valard-NextBridge executive discussions - working towards draft schedule.

**Progress as of: SEP-30-2020**  
**Quantity Completed to Date: 0**

**Restoration Complete-Ea.**



**Vendor: Valard**

**Status:** Behind Target - Recovery

**Progress:** No planned activities for this reporting week.

**Recovery Plan:** Updated Project Schedule to be determined after Valard-NextBridge executive discussions - working towards draft schedule.

**Progress as of: SEP-30-2020**  
**Quantity Completed to Date: 1**

# **Ontario East West Tie Line Transmission Project**

## **Monthly Report – November, 2019**

Company: Valard Construction LP  
Client: NextBridge Infrastructure LP

Report #: 02

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## 1.0 Project Overview

An updated Project Organizational Chart for Valard is provided in the attached Appendix A.

### 1.1 Project Status

As of the end of November, the project is significantly behind schedule due to delays in permitting. Refer to Appendix F for the Commodity Curves and project status.

Discipline	Activity	November Completions	Completions To Date	Total	Remaining
ROW	Clearing (Span)	49	49	1227	1178
	Road Building (Str)	51	51	1228	1177
Foundations (Str)	Foundations	27	27	1228	1201
	Guy Anchors	0	0	774	774
Assembly (Str)	Guyed	12	12	774	762
	Self Support	0	0	454	454
Erection (Str)	Guyed	0	0	774	774
	Self Support	0	0	454	454
Stringing (Km)	Pull Conductor	0	0	445	445
	Tie-In Conductor	0	0	445	445
	Pull OPGW	0	0	445	445
	Tie-In OPGW	0	0	445	445
	Pull OHSW	0	0	445	445
	Tie-In OHSW	0	0	445	445

Table 1: Project Status - Data Date: Nov. 30<sup>th</sup>, 2019

### 1.2 Identified Critical Issues

- The project has suffered delays from permitting due to the MNRF for clearing and road building, private land owner agreements and due to land expropriation.
- Kama Cliffs access – potential requirement for a heli program due to MECP restriction. Permission to build access roads is currently under review.
- Aggregate sourcing and restrictive road construction parameters.
- Culverts to clear span bridges; the project is being affected by this change in multiple workfronts.
- Foundation reveal elevations; low line clearance tolerances requiring additional 1m extensions. Additional surveying and assembly required.
- Foundation pile cap galvanization / dissimilar metals.

### 1.3 Short-Term Lookahead Activities

December 1<sup>st</sup> to 7<sup>th</sup>:

- **Survey** – Construction support and staking in WF1. Flagging in WF2, WF5 and WF8. *TBT Surveyors* will be performing legal survey for access roads from F021-F074.
- **ROW** – *E. Corbiere*: Clearing Clean-Up and Access Construction - A036-A062, A076-A115, A118-A123, B006-B012.
- **Assembly** – Complete assembly of towers A021, A022, A023, A024 and start A025-A029.
- **Foundations** – *LEG*: Install grouted anchors from A004-A010.  
*Doublestar*: Test micropile installation at A047, start installation of foundations at A047.
- **Environment** – Environmental monitoring of construction activities in WF1 and WF7. Water withdrawal site selection and testing in WF1.



- **Camps – Nipigon:** Continue closing buildings and working on setting up camp infrastructure.  
*Marathon:* Start camp build, blocking of dorms.  
*White River:* Initial camp layout planning and pre-permit application.  
*Wawa:* Initial planning stages.
- **Materials** – Receive tower steel, foundation materials, guy hardware and conductor. Deliver tower steel to A050-A065.
- **Safety** – Subcontractor compliance review, crew orientations and onboarding.

December 8<sup>th</sup> to 14<sup>th</sup>:

- **Survey** – Construction support and staking in WF1. Flagging in WF2, WF3 and WF4.
- **ROW – E. Corbiere:** Clearing Clean-Up and Access Construction - A036-A042, A070-A115, B006-B012.  
*Kabi Lake:* Mobilization of equipment, equipment inspections and starting Clearing and Access - D110-E001.
- **Foundations – Valard:** Prepare for rock anchor install at A114.  
*LEG:* Install drilled pipe piles at A018 and from A043-A054. Install grouted anchors from A012-A018.  
*Doublestar:* Install micropiles at A047 and A050.
- **Assembly** – Complete assembly of towers A025-A028, A030 and A032. Start assembly of towers A008, A029, A031, A035, A044 and A045.
- **Environment** – Environmental monitoring of construction activities in WF1 and WF7. Water withdrawal site selection and testing in WF1. Pre-construction environmental surveys starting in WF2.
- **Camps – Nipigon:** Continue closing buildings and working on setting up camp infrastructure. Start cleaning camp.  
*Marathon:* Continue camp build and schedule inspections for completed dorms.  
*White River:* Initial camp layout planning and pre-permit application.  
*Wawa:* Initial planning stages.
- **Materials** – Receive tower steel, foundation materials, guy hardware and conductor. Deliver tower steel to A003 and A111-A114.
- **Safety** – Subcontractor compliance review, crew orientations and onboarding.

December 15<sup>th</sup> to 21<sup>st</sup>:

- **Survey** – Construction support and staking in WF1. Flagging in WF2 and WF3.
- **ROW – E. Corbiere:** Clearing and Access - A036-A042, A070-B012.  
*Kabi Lake:* Begin Clearing and Access - D118-E001.
- **Foundations – Valard:** Prepare for rock anchor install at A114.  
*LEG:* Install drilled pipe piles from A055-A060, grouted anchors from A021-A031 and A033-A035.  
*Doublestar:* Install micropiles at A019 and A050.
- **Assembly** – Complete assembly of towers A008, A029, A031, A035, A044 and A045. Start assembly of towers A003 and A011.
- **Environment** – Environmental monitoring of construction activities in WF1 and WF7. Pre-construction environmental surveys starting in WF2.
- **Camps – Nipigon:** Finish camp build and prepare for shut down.  
*Marathon:* Finish camp build and prepare for shut down.  
*White River:* Initial camp layout planning and pre-permit application.  
*Wawa:* Initial planning stages.

- **Materials** – Receive tower steel, foundation materials, guy hardware and conductor. Deliver tower steel to A100-A110.
- **Safety** – Site assessments in WF1 and WF7, review of accesses and overhead lines.

December 22<sup>nd</sup> to 28<sup>th</sup>:

- **Survey** – No survey activities planned due to holiday break.
- **ROW** – *E. Corbiere*: Clearing and Access - A070-B012.  
Kabi Lake: Clearing and Access - D118-E001.
- **Foundations** – No foundation activities planned due to holiday break.
- **Assembly** – No assembly activities planned due to holiday break.
- **Environment** – No environment activities planned due to holiday break.
- **Camps** – No camp activities planned due to holiday break.
- **Materials** – No materials activities planned due to holiday break.
- **Safety** – Safety manager on call for subcontractors. No other safety activities planned due to holiday break.

## 2.0 Safety & Environmental Status / Areas of Concern

### 2.1 Safety

See Appendix B for the OEWTl Safety Statistics Report – November, 2019.

#### 2.1.1 Safety Status Update

- Onboarding and orientations conducted throughout the month.
- Hazard Identification – Conducted Energy Wheel, crew refocus meetings.
- Set-up and review of emergency response and medical coverage.
- Updated structure access reference document.
- Start-up meetings for Foundations and Assembly crews have been conducted and are ongoing.
- Incident investigations and corrective action implementation is ongoing.
- ROW Access Radio Protocol was issued to all supervisors and sub-contractors.

#### 2.1.2 Areas of Concern - Safety

- Signage and radio protocols.
- ROW ground conditions – snow and ice.
- Utility recognition and awareness.
- Focus on pinch points and injury avoidance.
- Access and egress controls.
- Crew communication – identified radio channels.
- Subcontractor controls, auditing required.

### 2.2 Environment

#### 2.2.1 Environmental Status Update

- Pre-construction environmental surveys completed from A001-B012 (WF1) and D110-D148 (WF7).
- Site inspections of clearing and access activities from A003-A110.

- Beaver dam site mapping and assessment in Workfront 1.
- Staking and flagging watercourses and wetlands in Workfront 1.
- Setup approved water withdrawal locations at Thunder Bay (TB) yard, A007 (4801.00-WC-A) and A047-A048 (5000.01-WC-A). Equipment for water withdrawal inspected and correct screens were installed on intake hoses as per the Freshwater Intake End of Pipe Fish Screen Guidelines.
- Signage has been installed and crews have been provided documentation to track water withdrawal volumes to ensure a Permit to Take Water (PTTW) is not required.

(i) *Sediment and Erosion Control*

- Valard’s project specific Sediment and Erosion Control Plan will be implemented when erosion and sediment issues are observed.
- Silt fence installed, as required, at watercourse crossings and locations with potential for erosion and sediment issues (Workfront 1).

(ii) *Spill monitoring and Environmental Incident Reporting*

<b>Spill Tracking Log</b>						<b>Project: VC7556 OEWT</b>
<b>Incident #</b>	<b>Date of Incident</b>	<b>Lvl of Incident Spill (1-5) Incident (1-4)</b>	<b>Type of Incident</b>	<b>Nature of Substance/ Incident</b>	<b>Cause</b>	<b>Volume (L) Released to Env.</b>
8	05-Nov-19	2	Spill	Engine Oil	Damaged oil pan on tandem truck released 5 L of engine oil to the ground.	5
9	06-Nov-19	1	Spill	Hydraulic Fluid	Leaking cylinder on feller buncher released 1 L of hydraulic fluid to the ground.	1
10	07-Nov-19	1	Spill	Hydraulic Fluid	Leaking hydraulic line on feller buncher released 0.2 L of hydraulic fluid to the ground.	0.2
11	09-Nov-19	1	Spill	Hydraulic Fluid	Insufficiently tightened hydraulic hose clamp on excavator caused hose to slip off of fitting; releasing 1 L of hydraulic fluid to the ground.	1
12	09-Nov-19	2	Spill	Antifreeze	Hose under coolant (anti-freeze) reservoir of excavator slipped off fitting, releasing 3 L of anti-freeze to the ground.	3
13	09-Nov-19	2	Spill	Hydraulic Fluid	Worn o-ring in plug on lock valve of excavator caused 2 L of hydraulic fluid to be released to the ground.	2
14	10-Nov-19	3	Spill	Hydraulic Fluid	Hose on stick cylinder of excavator ruptured, releasing 25 L of hydraulic fluid to the ground.	25
15	10-Nov-19	3	Spill	Antifreeze	Severed coolant (anti-freeze) line on tandem truck released 20 L of coolant to the ground.	20
16	10-Nov-19	1	Spill	Engine oil	Leaking oil pan on triaxle truck released 1 L of engine oil to the ground.	1
17	11-Nov-19	1	Spill	Hydraulic Fluid	Rock lodged in blade cylinder of dozer, releasing 1 L of hydraulic fluid to the ground.	1
18	13-Nov-19	1	Spill	Engine oil	Minor leak from undercarriage of feller buncher released 0.2 L of engine oil to the ground.	0.2
19	14-Nov-19	1	Spill	Hydraulic Fluid	Damaged o-ring on swivel fitting of feller buncher released 0.5 L of hydraulic fluid to the ground.	0.5
20	16-Nov-19	1	Spill	Engine oil	Repair activities on a rock truck released 1 L of engine oil to the ground.	1
21	16-Nov-19	1	Spill	Hydraulic Fluid	Repair activities on a dozer released 1 L of hydraulic fluid to the ground.	1
22	16-Nov-19	1	Spill	Diesel	Unknown. Likely spill tray wasn't utilized during refueling releasing 1 L of diesel to the ground near a light plant.	1
23	21-Nov-19	2	Spill	Hydraulic Fluid	Hydraulic hose failure.	2
24	22-Nov-19	1	Spill	Hydraulic Fluid	Hydraulic hose fitting failure.	1
25	23-Nov-19	1	Spill	Hydraulic Fluid	Hydraulic hose failure.	0.5
26	29-Nov-19	1	Spill	Hydraulic Fluid	Hydraulic fitting failure.	0.5
27	30-Nov-19	2	Spill	Hydraulic Fluid	Hydraulic fitting failure.	10

(iii) *Waste Management*

- Hazardous waste storage set up in Thunder Bay (TB) yard.
- Storage and spill response supplies set up in warehouse and sea can at TB yard.
- UN rated sludge bin for contaminated soil/snow storage setup in TB yard.
- IBC totes drained and removed from TB yard.
- Additional non-hazardous waste storage delivered to TB yard.

2.2.2 Areas of Concern - Environment

- Additional non-hazardous waste storage required. GFL has been contacted and additional bins will be brought to the TB yard.
- Additional hazardous waste storage for contaminated snow/soil was required due to recent spill cleanups. UN rated sludge bin for contaminated soil/snow storage setup in TB yard.
- Potential for issues with access construction method (i.e. ditch to build) in newly identified wetlands. Wetlands in Workfront 1 and a portion of Workfront 7 (D110-D148) have been mapped and submitted to ROW for access planning.
- Potential for conflict with ROW access due to water impoundment from beaver dams. Dams and impoundment areas mapped in Workfront 1 and submitted to ROW for access planning.
- Ongoing discussions regarding “go-no-go” zones for construction access on the ROW. Desktop review and supporting site-specific inspections will be completed to identify environmental constraints.

## 3.0 Cost Management Report

Refer to the Cost Management Report in Unifier under “Cost Management - Scope Deviation Notice - NEE”.

Invoicing for the subsequent month will follow the process per meetings in Thunder Bay the week of Oct. 21<sup>st</sup>.

## 4.0 Procurement Status

See Appendix C for the complete list of materials that are to be procured by Valard Construction and the subcontractors of Valard Construction along with the latest update on their status.

## 5.0 Schedule Update

### 5.1 Milestone Schedule

See Appendix D for the Milestone Schedule updated at the end of November.

### 5.2 Updated Detailed Schedule

See Appendix E for a PDF and .XER copy of the Project Schedule updated at the end of November.

### 5.3 Commodity Curves

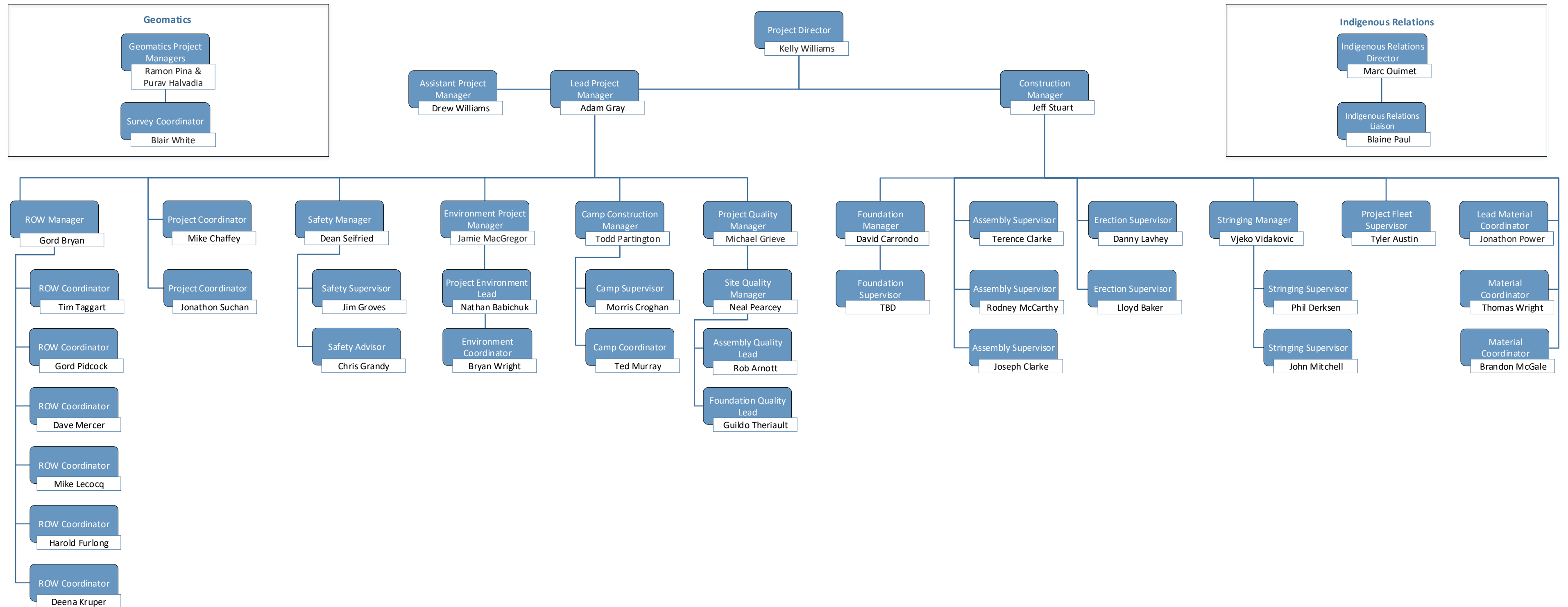
See Appendix F for the Project Commodity Curves generated at the end of November.



Client: NextBridge Infrastructure LP  
Project: Ontario East West Tie Line

Project Number: VC-7556  
Date Created: 2019-12-10 Rev: 00  
Monthly Report: November, 2019

## Appendix A: OEWTl Organizational Chart





Client: NextBridge Infrastructure LP  
Project: Ontario East West Tie Line

Project Number: VC-7556  
Date Created: 2019-12-10 Rev: 00  
Monthly Report: November, 2019

## Appendix B: OEWTl Safety Statistics Report – November, 2019

OEWTL Safety Stat Report - November, 2019



OEWTL Performance Report	Total Of All	Total Of All
Weeks on Project OEWTL		
Reporting Week Ending:	Project To Date Total	November Total
Project Wide		
<b>HS&amp;E Administration Records :</b>		
Hours Worked	140357.6	37025.57
Orientations	443	96
Training Courses (excluding orientations)	82	2
<b>Leading Indicators:</b>		
Hazard Analysis (FLHA, Tailboards, etc.)	2840	612
Weekly Safety Meetings	244	35
Formal Site Inspections	77	21
Supervisors Observations	108	38
<b>Injury Illness:</b>		
First Aid	1	1
Medical Aid	1	1
MA with Mod	1	1
Lost Time Incidents	0	0
Lost Time Days	0	0
Fatality	0	0
Property Damage	1	1
Vehicle Damage	1	1
Other	1	1
Theft/Security	2	0
Non-Compliance	0	0
Near Miss	3	1
<b>TRIF</b> (Recordable x 200,000)/Man Hours	<b>2.85</b>	<b>10.80</b>
<b>Severity</b> (Lost Time Days x 200,000)/ Man Hours	<b>0.00</b>	<b>0.00</b>





Client: NextBridge Infrastructure LP  
Project: Ontario East West Tie Line

Project Number: VC-7556  
Date Created: 2019-12-10 Rev: 00  
Monthly Report: November, 2019

## Appendix C: OEWTl Procurement Status Report – November, 2019

OEWTL Procurement Status Report - November 2019

Yard Location Name	Parts Numeric Bundle Value	Parts Category	Yard Inventory Parts Description	Yard Inventory Parts UOM	Quantity	Reel Length
Marathon Yard	GUY-220-7/8	STRINGING	Grade 220, 7/8-inch diameter, 19-wire, zinc-coated steel strand [Price Per Metre] Non-Returnable Steel Reels	EACH	86130	
Thunder Bay Yard	RMORGG-U-74	STRINGING	Guy Guard Orange 1 3/4' x 7ft Orange 517-3052	EACH	0	
Marathon Yard	RMORGG-U-74	STRINGING	Guy Guard Orange 1 3/4' x 7ft Orange 517-3052	EACH	3030	
Thunder Bay Yard	N160/146	STRINGING	Insulator	EACH	10152	
Marathon Yard	N160/146	STRINGING	Insulator	EACH	12558	
Thunder Bay Yard	N21/156	STRINGING	Insulator, Glass DE Bell, 222kN, 25KLBS, CS-11, 52-11, type K, 117525	EACH	3042	
Marathon Yard	N21/156	STRINGING	Insulator, Glass DE Bell, 222kN, 25KLBS, CS-11, 52-11, type K, 117525	EACH	4008	
Thunder Bay Yard	RA3.01-D3ASSY	Foundation	Drawing # RA3.01 Detail # 3 Assembly Includes; Qty:1 - A449 105KSI 1:1/2" x 36.02" Pin Qty:1 - CSA G40.21, 50W levelling plate Qty:1 - DH 1:1/2" Nut Galvanizing included.	EACH	130	
Thunder Bay Yard	RA3.03-DET.4	Foundation	Tower SDX.90 & SDX.30 - Surface RA3.03 Det.4 (No Threaded Bar, nut or Washer)	EACH	36	
Thunder Bay Yard	RA3.04-DET4-BAR	Foundation	Deep - #8 Gr75 Galv Threaded Bar 3.5M	EACH	92	
Thunder Bay Yard	RA3.04-DET4-NUT	Foundation	Deep - #8 Galv Hex Nut	EACH	324	
Thunder Bay Yard	RA3.04-DET4-WASHER	Foundation	Deep - #8 Galv Flat Washer F436	EACH	216	
Thunder Bay Yard	RA3.03-DET4-BAR	Foundation	Surface - #10 Gr75 Galv Threaded Bar 6.1M	EACH	320	
Thunder Bay Yard	RA3.03-DET4-NUT	Foundation	Surface - #10 Galv Hex Nut Gr 75 FL	EACH	864	
Thunder Bay Yard	RA3.03-DET4-WASHER	Foundation	Surface - #10 Galv Flat Washer	EACH	576	
Thunder Bay Yard	RA3.05-DET3-BAR	Foundation	Intermediate - #10 Gr75 Galv Threaded Bar 6.1M	EACH	136	
Thunder Bay Yard	RA3.05-DET3-NUT	Foundation	Intermediate - #10 Galv Hex Nut Gr 75 FL	EACH	908	
Thunder Bay Yard	RA3.05-DET3-WASHER	Foundation	Intermediate - #10 Galv Flat Washer	EACH	622	
Thunder Bay Yard	R61-08	Anchors	#8 GR.75 Material x 3,650mm Long. C/W - 500mm Left hand thread both ends. Fully Galvanized.	EACH	367	
Thunder Bay Yard	R61-08-1	Anchors	#8 GR.75 All Thread Bar x 6,000mm Long. C/W-Fully Threaded Left Hand - Plain Finish	EACH	232	
Thunder Bay Yard	R62-NS08	Anchors	NS #8 GR.75 OVS Stop Coupling	EACH	695	
Thunder Bay Yard	R63-NS08GA	Anchors	NS #8 GR.75 Hex Nut, Galv	EACH	830	
Thunder Bay Yard	R61-11	Anchors	#11 GR.75 Material x 3,650mm Long. C/W-500mm Left Hand Thread Hand both ends. - Fully Galvanized	EACH	64	
Thunder Bay Yard	R61-11-1	Anchors	#11 GR.75 All Threaded bar x 6,000mm Long. C/W-Fully Threaded Left Hand - Plain Finish	EACH	344	
Thunder Bay Yard	R62-NS11	Anchors	NS #11 GR.75 OVS Stop Coupling	EACH	180	
Thunder Bay Yard	R63-11 GA	Anchors	#11 GR.75 Hex Nut Galv T.O.S	EACH	160	
Thunder Bay Yard	MS Cable Grout	Foundation	MS Cable Grout 3530020 ( 20kg )	EACH	1568	
Thunder Bay Yard	150R3600TPAG/A449	Foundation	Center Pin for Tangent rock FDN	EACH	127	
Thunder Bay Yard	12.75 x 0.375 x 52.5	Foundation	Drilled Pipe Pile	EACH	6	
Thunder Bay Yard	16 x 0.375 x 52.5	Foundation	Drilled Pipe Pile	EACH	7	
Thunder Bay Yard	16 x 0.500 x 52.5	Foundation	Drilled Pipe Pile	EACH	3	
Thunder Bay Yard	Cement Type 3	Foundation	HE Cement Type 3 ( 20kg )	EACH	4690	
Thunder Bay Yard	16 x 0.375 x 62.64# x 60	Foundation	Driven Pile	EACH	92	
Thunder Bay Yard	16 x 0.375 x 62.64# x 50	Foundation	Driven Pile	EACH	64	
Thunder Bay Yard	King HS Cable Grout	Anchors	King HS Cable Grout	EACH	688	
Thunder Bay Yard	LEG	Anchors	1-1/2"-6 87 All Thread Rod x 3650mm Long	EACH	152	
Thunder Bay Yard	LEG-1	Anchors	1-1/2"-6 2H Hex Nut, Galv. O.S.	EACH	257	
Thunder Bay Yard	LEG-2	Anchors	1-1/2" F436 Hard Washer, Galv.	EACH	65	
Thunder Bay Yard	LEG-3	Anchors	1-1/2"-6 87 Coupling, Galv. T.O.S.	EACH	128	
Thunder Bay Yard	TR0020	Foundation	Transpo T-17 CW grout c/w 0.67 gallon resin	EACH	352	
Thunder Bay Yard	TR0030	Foundation	Transpo-Sub-Zero additive	EACH	352	
Thunder Bay Yard	12 3/4 x 375 x 15ft	Foundation	Driven Pile	EACH	61	
Thunder Bay Yard	16 x 375 x 30ft	Foundation	Driven Pile	EACH	31	
Thunder Bay Yard	16 x 500 x 30ft	Foundation	Driven Pile	EACH	10	
Thunder Bay Yard	MP CAP-2.125	Foundation	58.03 x 58.03 x 2.125 MP Cap	EACH	68	
Marathon Yard	MP CAP-2.125	Foundation	58.03 x 58.03 x 2.125 MP Cap	EACH	77	
Thunder Bay Yard	R61-10	Foundation	#10 GR 75 Galv All-Thread Rebar x 5.1M	EACH	96	
Thunder Bay Yard	CEN-Z	Foundation	PVC Centralizer for R61-10 in 3" Drill Hole	EACH	2850	
Thunder Bay Yard	R61-08-10FT-GALV	Foundation	#8 GR 75 Material x 10 FT Long, Thread Each End, Fully Galvanized	EACH	240	
Thunder Bay Yard	R61-08-15FT-GALV	Foundation	#8 GR 75 Material x 15FT Long, RH Thread Each End, Fully Galvanized	EACH	196	
Thunder Bay Yard	R61-08-15FT-PLAIN	Foundation	#8 GR 75 RH All Thread Bar x 15 FT Long, Plain Finish	EACH	700	
Thunder Bay Yard	R61-08-20FT-GALV	Foundation	#8 GR 75 RH All Thread Rebar x 20FT long, Fully Galvanized	EACH	112	
Thunder Bay Yard	R62-08RHOS	Foundation	#8 GR 75 RH OVS Stop Coupling, Plain	EACH	680	
Thunder Bay Yard	R63-08RHGA	Foundation	#8 GR 75 RH Hex Nut, Galv	EACH	570	
Thunder Bay Yard	R63-08JNRHGA	Foundation	#8 GR 75 RH Jam Nut, Galv	EACH	570	
Thunder Bay Yard	R61-11-15FT-GALV	Foundation	#11 GR 75 Material x 15FT Long, CW 8" of #11 GR 75 RH Thread Each End, Fully Galvanized	EACH	56	
Thunder Bay Yard	R61-11-18FT-GALV	Foundation	#11 GR 75 Material x 18FT Long, C/W 8" of #11 GR 75 RH Thread Each End, Fully Galvanized	EACH	8	
Thunder Bay Yard	R61-11-10FT-PLAIN	Foundation	#11 GR 75 RH All Thread Rebar x 10FT Long, C/W Plain Finish	EACH	32	
Thunder Bay Yard	R61-11-15FT-PLAIN	Foundation	#11 GR 75 RH All Thread Rebar x 15FT Long, CW Plain Finish	EACH	92	
Thunder Bay Yard	R61-11-20FT-GALV	Foundation	#11 GR 75 All Thread Rebar x 20FT Long C/W Fully Galvanized	EACH	44	
Thunder Bay Yard	R62-11RHOS	Foundation	#11 GR 75 RH OVS Stop Coupling, Plain	EACH	380	

OEWTL Procurement Status Report - November 2019

Yard Location Name	Parts Numeric Bundle Value	Parts Category	Yard Inventory Parts Description	Yard Inventory Parts UOM	Quantity	Reel Length
Thunder Bay Yard	R63-11RHGA	Foundation	#11 GR 75 RH Hex Nut, Galv	EACH	320	
Thunder Bay Yard	R63-11JNRHGA	Foundation	#11 GR 75 RH Jam Nut, Galv	EACH	120	
Thunder Bay Yard	305 x 305 Leveling PLT	Foundation	12" x 12" Leveling Plate for Tangent Tower	EACH	144	
Thunder Bay Yard	R71-11-6M-PLAIN	Foundation	1-3/8" 150KSI All Thread Bar x 6M, Plain Finish	EACH	65	
Thunder Bay Yard	R72-NS11	Foundation	NS-1-3/8" 150 SKI Stop Coupling, Plain TOS	EACH	65	
Thunder Bay Yard	R71-20-6M-PLAIN	Foundation	2-1/2" 150KSI All Thread Bar x 6M Plain Finish	EACH	60	
Thunder Bay Yard	R61-14-6M-PLAIN	Foundation	#14 FR 75 All Thread Rebar x 6M, Plain Finish	EACH	65	
Thunder Bay Yard	R62-NS14RH	Foundation	NS #14 GR 75 RH Stop Coupling, Plain Finish TOS	EACH	65	
Thunder Bay Yard	R61-18-6M-PLAIN	Foundation	#18 GR 75 All Thread Rebar x 6M, Plain Finish	EACH	135	
Thunder Bay Yard	R62-NS18RH	Foundation	NS #18 GR 75 RH Stop Coupling, Plain TOS	EACH	140	
Thunder Bay Yard	R72-NS20RH	Foundation	NS 2-1/2" 150KSI Stop Coupling, Plain Finish TOS	EACH	60	
Thunder Bay Yard	MP CAP-2.25	Foundation	58.03 x 58.03 x 2.25 MP Cap	EACH	16	
Marathon Yard	MP CAP-2.25	Foundation	58.03 x 58.03 x 2.25 MP Cap	EACH	8	
Thunder Bay Yard	MP CAP-2.75	Foundation	58.03 x 58.03 x 2.75 MP Cap	EACH	28	
Marathon Yard	MP CAP-2.75	Foundation	58.03 x 58.03 x 2.75 MP Cap	EACH	60	
Thunder Bay Yard	REBAR-3M	Foundation	Rebar, 3 Meter.	EACH	20	
Thunder Bay Yard	REBAR-STIRRUP	Foundation	Rebar Stirrup	EACH	100	
Thunder Bay Yard	MICROPLATE-56	Foundation	Micropile Top Plate 56"	EACH	6	
Thunder Bay Yard	MICROPLATE-48	Foundation	Micropile Top Plate 48"	EACH	6	
Thunder Bay Yard	HR PLT-2.75-62.6x62.6	Foundation	HR Plate, 44W 62.6" x 62.6"	EACH	2	
Marathon Yard	HR PLT-2.75-62.6x62.6	Foundation	HR Plate, 44W 62.6" x 62.6"	EACH	3	
Thunder Bay Yard	HR PLT-2-65.75x89.76	Foundation	HR Plate, 44W 65.75" x 89.76"	EACH	18	
Marathon Yard	HR PLT-2-65.75x89.76	Foundation	HR Plate, 44W 65.75" x 89.76"	EACH	13	
Thunder Bay Yard	HR PLT-2-69.69x93.70	Foundation	HR Plate, 44W 69.69" x 93.70"	EACH	18	
Marathon Yard	HR PLT-2-69.69x93.70	Foundation	HR Plate, 44W 69.69" x 93.70"	EACH	9	
Thunder Bay Yard	M23621-001A	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	M23621-001B	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	M23621-002A	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	M23621-002B	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Marathon Yard	GUY-01COMPRESSION	Anchors	OEWTL Guy Anchor Assembly - compression ends and top anchor plate	EACH	300	
Thunder Bay Yard	M23621-003A	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	M23621-005A	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	M23621-005B	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	M23621-006A	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	M23621-007A	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	M23621-003B	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	M23621-004A	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	M23621-004B	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	M23621-007B	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	M23621-008A	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	M23621-009C	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	M23621-010B	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	M23621-011A	SHIELD WIRE REEL	10 AWG, Aluminum Steel Clad Wire	EACH	1	3048
Thunder Bay Yard	M23621-012A	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	M23621-019A	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	M23621-019B	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	M23621-020C	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	M23621-021A	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	M23621-022A	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	M23621-012B	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	M23621-013A	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	M23621-014A	SHIELD WIRE REEL	10 AWG, Aluminum Steel Clad Wire	EACH	1	3048
Thunder Bay Yard	M23621-014B	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	M23621-016A	SHIELD WIRE REEL	10 AWG, Aluminum Steel Clad Wire	EACH	1	3048
Thunder Bay Yard	M23621-016B	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	M23621-017A	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	M23621-018A	SHIELD WIRE REEL	10 AWG, Aluminum Steel Clad Wire	EACH	1	3048
Thunder Bay Yard	M23621-018B	SHIELD WIRE REEL	10 AWG, Aluminum Clad Steel Wire	EACH	1	3048
Thunder Bay Yard	R71-11-3M-GALV	Foundation	1-3/8" 150KSI, All Thread Bar x 3M Long, Galvanized	EACH	46	
Thunder Bay Yard	R73-NS11GA	Foundation	NS 1-3/8" 150KSI Hex Nut, Galvanized OS	EACH	46	
Thunder Bay Yard	R71-14-6M-PLAIN	Foundation	1-3/4" 150KSI All Thread Bar x 6M, Plain Finish	EACH	195	
Thunder Bay Yard	R72-14 RH OS	Foundation	1-3/4" 150KSI Stop Coupling, RH OS	EACH	195	
Thunder Bay Yard	R71-20-3M-PLAIN	Foundation	2-1/2" 150KSI All Thread Bar x 3M, Galvanized	EACH	50	
Thunder Bay Yard	R61-11-3M-GALV	Foundation	#11 GR 75 All Thread Rebar x 3M Long C/W Fully Galvanized	EACH	60	
Thunder Bay Yard	R61-14-3M-GALV	Foundation	#14 GR 75 All Thread Rebar x 3M, Galvanized	EACH	30	
Thunder Bay Yard	R63-NS114RHGA	Foundation	NS #14 GR 75 RH Hex Nut, Galvanized	EACH	30	
Thunder Bay Yard	R61-18-3M-GALV	Foundation	#18 GR 75 All Thread Rebar x 3M, Galvanized.	EACH	90	
Thunder Bay Yard	R63-NS18RHGA	Foundation	NS #18 GR 75 RH Hex Nut, Galvanized	EACH	84	
Thunder Bay Yard	CASING-8-5/8"x0.500"Wx20FT-CROWN	Foundation	8-5/8" OD x .500"W Casing, 20' SS V0, 8.200" PW Style 3ST LW Pin x Blank (REF-DWG-3833-V0-1-20) Crown End	EACH	0	
Thunder Bay Yard	CASING-7"x0.453"Wx20FT-CROWN	Foundation	7" OD x 0.453"W Casing, 20' SS 6.625" PW Style 3ST LH Pin x Blank (REF-DWG-4786-1-20) Crown End	EACH	10	
Thunder Bay Yard	CASING-8-5/8"x0.500"Wx10FT	Foundation	8-5/8" OD x 0.500"W Casing, 10' SS V0 8.200" PW Style 3ST LH Pin x Box (REF-DWG-3833-V0-10)	EACH	0	
Thunder Bay Yard	CASING-7"x0.453"Wx10FT	Foundation	7" OD x 0.453"W Casing, 10' SS 6.625" PW Style 3ST LH Pin x Box (REF-DWG-4786-10)	EACH	5	

OEWTL Procurement Status Report - November 2019

Yard Location Name	Parts Numeric Bundle Value	Parts Category	Yard Inventory Parts Description	Yard Inventory Parts UOM	Quantity	Reel Length
Thunder Bay Yard	CASING-8-5/8"x0.500"Wx3FT	Foundation	8-5/8" OD x 0.500W Casing, 3' SS V0 8.200" PW Style 3ST LW Pin x Box (REF-DWG-3833-V0-3)	EACH	-1	
Thunder Bay Yard	CASING-7"x0.453"Wx3FT	Foundation	7" OD x 0.453"W Casing, 3' SS 6.625" PW Style 3ST LH Pin x Box (REF-DWG-4786-3)	EACH	3	
Thunder Bay Yard	CASING-8-5/8"x0.500"Wx20FT-BLANK	Foundation	8-5/8" OD x 0.500"W Casing, 20' SS V0 8.200" PW Style 3ST LH Pin x Blank (REF-DWG-3833-V0-1-20) BLANK	EACH	5	
Thunder Bay Yard	CASING-7x0.453"Wx20FT-BLANK	Foundation	7" x OD x 0.453"W Casing, 20' SS 6.625" PW Style 3ST LH PIN x Blank (REF-DWG-4786-1-20) BLANK	EACH	10	
Thunder Bay Yard	BC249350	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 994066E	EACH	1	3800
Thunder Bay Yard	BC249418	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629G	EACH	1	2800
Thunder Bay Yard	BC249415	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629H	EACH	1	2800
Thunder Bay Yard	BC249392	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629I	EACH	1	2800
Thunder Bay Yard	BC249416	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629J	EACH	1	2800
Thunder Bay Yard	BC249353	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629C	EACH	1	2800
Thunder Bay Yard	BC249340	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629D	EACH	1	2800
Thunder Bay Yard	BC249399	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629E	EACH	1	2800
Thunder Bay Yard	BC249277	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 994066D	EACH	1	3800
Thunder Bay Yard	BC249371	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629F	EACH	1	2800
Thunder Bay Yard	BC249237	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19 1192 KCMIL, LOT# 994066B	EACH	1	3800
Thunder Bay Yard	BC249255	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629M	EACH	1	2800
Thunder Bay Yard	BC249393	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL LOT# 986629N	EACH	1	2800
Thunder Bay Yard	BC249402	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19 1192 KCMIL, LOT# 986629Q	EACH	1	2800
Thunder Bay Yard	BC249257	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629L	EACH	1	2800
Thunder Bay Yard	BC249366	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629B	EACH	1	2800
Thunder Bay Yard	BC249344	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629O	EACH	1	2800
Thunder Bay Yard	BC249417	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629P	EACH	1	2800
Thunder Bay Yard	BC249300	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 994066C	EACH	1	3800
Thunder Bay Yard	BC249408	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629	EACH	1	2800
Thunder Bay Yard	BC249351	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 988113	EACH	1	2800
Thunder Bay Yard	BC249401	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 988113B	EACH	1	2800
Thunder Bay Yard	BC249395	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 988113C	EACH	1	2800
Thunder Bay Yard	BC249405	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629AN	EACH	1	2800
Thunder Bay Yard	BC249374	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629AO	EACH	1	2800
Thunder Bay Yard	BC249343	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629AB	EACH	1	2800
Thunder Bay Yard	BC249414	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629R	EACH	1	2800
Thunder Bay Yard	BC249419	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629S	EACH	1	2800
Thunder Bay Yard	BC249295	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 994066	EACH	1	3800
Thunder Bay Yard	BC249376	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629T	EACH	1	2800
Thunder Bay Yard	BC249396	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629Z	EACH	1	2800
Thunder Bay Yard	BC249357	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629AA	EACH	1	2800
Thunder Bay Yard	BC249342	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629AM	EACH	1	2800
Thunder Bay Yard	BC249355	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629AI	EACH	1	2800
Thunder Bay Yard	BC249341	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629AJ	EACH	1	2800
Thunder Bay Yard	BC249365	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629AF	EACH	1	2800
Thunder Bay Yard	BC249382	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL LOT# 986629AG	EACH	1	2800
Thunder Bay Yard	BC249347	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629AH	EACH	1	2800
Thunder Bay Yard	BC249346	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629AD	EACH	1	2800
Thunder Bay Yard	BC249332	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629AE	EACH	1	2800
Thunder Bay Yard	BC249348	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629W	EACH	1	2800
Thunder Bay Yard	BC249378	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629X	EACH	1	2800
Thunder Bay Yard	BC249413	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629Y	EACH	1	2800
Thunder Bay Yard	BC249397	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629AC	EACH	1	2800
Thunder Bay Yard	BC249354	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629V	EACH	1	2800
Thunder Bay Yard	DRING-PL32	Anchors	Guy Plate, D-Ring PL32	EACH	556	
Thunder Bay Yard	BC249244	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 988113N	EACH	1	2800
Thunder Bay Yard	BC249310	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 988113O	EACH	1	2800
Thunder Bay Yard	BC249304	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 988113S	EACH	1	2800
Thunder Bay Yard	BC249386	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629AK	EACH	1	2800
Thunder Bay Yard	BC249307	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 988113M	EACH	1	2800
Thunder Bay Yard	BC249325	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 988113U	EACH	1	2800
Thunder Bay Yard	BC249246	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 988113P	EACH	1	2800
Thunder Bay Yard	BC249375	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 986629U	EACH	1	2800
Thunder Bay Yard	BC249352	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 988113R	EACH	1	2800
Thunder Bay Yard	BC249409	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 988113Q	EACH	1	2800
Thunder Bay Yard	BC249373	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 988113F	EACH	1	2800
Thunder Bay Yard	BC249356	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 988113G	EACH	1	2800
Thunder Bay Yard	BC249380	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 988113H	EACH	1	2800
Thunder Bay Yard	BC249391	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 988113D	EACH	1	2800
Thunder Bay Yard	BC249259	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 988113E	EACH	1	2800
Thunder Bay Yard	BC249320	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 991509S	EACH	1	3800
Thunder Bay Yard	BC249334	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 991509T	EACH	1	3800
Thunder Bay Yard	BC249318	CONDUCTOR REEL	Grackle, A1/S1, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 991509V	EACH	1	3800
Thunder Bay Yard	BC249316	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 994066F	EACH	1	3800
Thunder Bay Yard	BC249404	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 988134P	EACH	1	3800
Thunder Bay Yard	BC249400	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 988134Q	EACH	1	3800
Thunder Bay Yard	BC249305	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 988134N	EACH	1	3800
Thunder Bay Yard	BC249412	CONDUCTOR REEL	Grackle, A1/S1A, 604-A1/S1A-54/19, 1192 KCMIL, LOT# 988134O	EACH	1	3800

OEWTL Procurement Status Report - November 2019

Base Supply and Services	Selected Vendor	Part #	Drawing File Name(s)	Quantity	Procurement Status
<b>230kV Insulators</b>					
INSULATOR, 230KV, 120KN, 1050 BIL, DRY ARC 2191MM, CIFO 1275KV, <b>COMPOSITE</b> , SUSPENSION WITH CORONA RING AT HOT END, Y- END C/W BOLT, NUT & COTTER PIN. ENDS	Siemens	3FL4 223-3YB11-6XS9	802-67467_3FL4 223-3YB11-6XS9	By Assembly	Ordered
INSULATOR, 230KV, 160KN, 1050 BIL, DRY ARC 2483MM, CIFO 1440KV, <b>COMPOSITE</b> , SUSPENSION WITH CORONA RING AT HOT END, Y- END C/W BOLT, NUT & COTTER PIN. ENDS	Siemens	3FL4 223-3YB11-6XS9	802-67467_3FL4 223-3YB11-6XS9	By Assembly	Ordered
INSULATOR, 230KV, 178KN, 1050 BIL, DRY ARC 2483MM, CIFO 1440KV, <b>COMPOSITE</b> , SUSPENSION WITH CORONA RING AT HOT END, Y- END C/W BOLT, NUT & COTTER PIN. ENDS	Siemens	3FL4 223-3YB11-6XS9	802-67467_3FL4 223-3YB11-6XS9	By Assembly	Ordered
INSULATOR SUSPENSION, <b>PORCELAIN OR TOUGHENED GLASS</b> , 160kN (36000 LBS) ULTIMATE TENSILE STRENGTH, BALL SOCKET ANSI CLASS 52-8 (TYPE K), LEAKAGE DISTANCE 380MM MIN: RANGE OF LENGTH [146MM, 146MM]	Sediver	N160/146	N160/146	44352	Ordered
INSULATOR,SUSPENSION,PORCELAIN OR TOUGHENED GLASS,222KN (50,000 LBS) ULTIMATE TENSILE STRENGTH, BALL,SOCKET, ANSI CLASS 52-11 (TYPE K),LEAKAGE DISTANCE 380MM MIN, END FITTINGS SHALL BE CHАРY RATED LEVEL 2 (TOUGHNESS) MIN 50% FATT AT MINUS 45 DEG C TO CSA C83 AND CSA-G40.20.	Sediver	N21/156	N21/156	8456	Ordered
INSULATOR <b>COMPOSITE</b> POST, TRUNNION, C/W CORONA RING, FLAT BASE, 230KV,1050KV BIL, (25000LBS) MIN ULTIMATE TENSILE STRENGTH, 1250 LBS ULTIMATE CANTILEVER STRENGTH	NGK	L2-SN651-28-W	LP-13832_L2-SN651-28-W	15	Ordered
<b>Arresters</b>					
EGLA arrester - Double - I string	Siemens	802-66881	3EV1 192-1LH22 Double SVU 802-66881	By Assembly	Ordered
EGLA arrester - Single - V string	Siemens	802-66882	3EV1 192-1LH22 Single SVU 802-66882	By Assembly	Ordered
<b>Line Hardware</b>					
OGW-02, OPGW Deadend	Salvi	18K-0010D	Assembly - 18K-0010D Cut Sheets - 2790-2K-194K-RL160-a 2713-1K-194K-RL160-c 26266-150-T21-RL160-c 026-647K-194K-RL160-a E-CAS8K-1AC-194K-RL160-a TS1640-E-a 7353UX-b 0739-60-1000R-a_10404 T12UL50X-a	232	Ordered
OGW-03, OPGW Suspension	Salvi	17K-0012C	Assembly - 17K-0012C Cut Sheets - 2790-1K-192K-RL120-b 2204K-195K-RL120-a BSCS5T020CSA2A-a E-AGS1640QMB58U-125KN-b 0739-53-950R-a_10404 0739-60-1300R-a_10404 T12UL50X-a	1081	Ordered
OGW-85, OPGW HONI Deadend	Salvi	18K-0011C	Assembly - 18K-0011C Cut Sheets - 2715-32K-197K-RL222-b 2715-24K-197K-RL222-a 026-209-455-197K-RL222-a 26250-150K-RL222-a E-CAS8K-240AC-197K-RL222-a TS1640-E-a 7351UX-b 0739-53-1000R-c_10404 T12UL50X-a	32	Need drawing approval before ordering
OGW-87, OPGW HONI Suspension	Salvi	17K-0015C	Assembly - 17K-0015C Cut Sheets - 2713-1K-194K-RL160-c 2265K-195K-RL160-b 2480-5K-194K-RL160-d 26164-70K-RL160-b E-AGS1640QMB58U-125KN-b 0739-53-950R-a_10404 0739-60-1300R-a_10404 T12UL50X-a	15	Need drawing approval before ordering
OSW-02, Shield Wire Deadend	Salvi	16K-0016G	Assembly - 16K-0016G Cut Sheets - 2790-2K-194K-RL160-a 025-53-d 7351UX-b 0739-53-750R-a_10404 T12UL50X-a	232	Ordered
OSW-03, Shield Wire Suspension	Salvi	15K-0008E	Assembly - 15K-0008E Cut Sheets - 2790-1K-192K-RL120-a 2204K-195K-RL120-a 2422ANSI-K-RL120-b 1019R-192K-1-d 0739-53-950R-a_10404 0739-53-1300R-a_10404 T12UL50X-a	1034	Ordered
OSW-04, Shield Wire Angle Suspension	Salvi	15K-0009E	Assembly - 15K-0009E Cut Sheets - 2790-1K-192K-RL120-b 2204K-195K-RL120-a BSCS5T30Q20CSA2A-a 1028R-192K-2-b VPAW128137x-a 0739-57-1200R-a_10404 T12UL50X-a	47	Ordered

Base Supply and Services	Selected Vendor	Part #	Drawing File Name(s)	Quantity	Procurement Status
OSW-85, Shield Wire HONI Deadend	Salvi	16K-0017E	Assembly - 16K-0017E  Cut Sheets - 2715-24K-197K-RL222-a 025-53-d 7351UX-b 0739-53-750R-a_10404 T12UL50X-a	32	Need drawing approval before ordering
OSW-87, Shield Wire HONI Suspension	Saliv	15K-0013D	Assembly - 15K-0013D  Cut Sheets - 2713-1K-194K-RL160-c 2265K-195K-RL160-b 2480-5K-194K-RL160-d 26164-70K-RL160-b 1019R-192K-1-d 0739-53-950R-a_10404 0739-60-1300R-a_10404 T12UL50X-a	13	Need drawing approval before ordering
OSW-84, Shield Wire HONI Angle Suspension	Salvi	15K-007??	Assembly - 15K-007??  Cut Sheets - 2713-1K-194K-RL160-c 2265K-195K-RL160-b 2480-5K-194K-RL160-d 26164-70K-RL160-b 1019R-192K-1-d - need to fit over Armour Rod VPAW128137x-a 0739-57-1200R-a_10404 T12UL50X-a	2	Need drawing approval before ordering Need clamp cut sheet
INS-01, I-String Suspension Insulator 120kN	Siemens	INS-01802-66991 INS-01EGLA 802-66891	Assembly - INS-01 802-66991  Cut Sheets - GN-16T Straight Shackle R-8-45-022 Socket Eye GS-7-AE-34 Suspension Clamp VPAL-337-353D-PL Armour rods  3EL1 192-1LH22 Double SVU 802-66881	1959 regular 1959 EGLA	Ordered
INS-02, I-String Suspension Insulator 160kN	Siemens	INS-02 802-66992 INS-02 EGLA 802-66892	Assembly - INS-02 802-66992  Cut Sheets - GN-20 Straight Shackle R-8-45-022 Socket Eye GS-7-AE-34 Suspension Clamp VPAL-337-353D-PL Armour rods  3EL1 192-1LH22 Double SVU 802-66881	377 regular 377 EGLA	Ordered
INS-03, I-String Suspension Insulator 178kN	Siemens	INS-03 802-66993 INS-03 EGLA802-66893	Assembly - INS-03 802-66993  Cut Sheets - GN-20 Straight Shackle R-8-45-022 Socket Eye GS-7-AE-34 Suspension Clamp VPAL-337-353D-PL Armour rods  3EL1 192-1LH22 Double SVU 802-66881	141 regular 141 EGLA	Ordered
INS-04, I-String Jumper Insulator 120kN	Siemens	INS-04 802-66994 EGLA 802-66894	Assembly - INS-04 802-66994  Cut Sheets - GN-16T Straight Shackle R-5-36-022 Socket Eye GS-5-AE-34 Suspension Clamp ECP-5A-34 Counterweight fittings CPC-xx COUNTERWEIGHT  3EL1 192-1LH22 Double SVU 802-66881 802-67455_CounterweightEGLA	345 regular 345 EGLA	Ordered
INS-83, I-String Suspension Insulator 178kN	Siemens	INS-83 802-67523 INS-83EGLA 802-67523	Assembly - 802-67523 I-String  Cut Sheets - Shackle GN20 CA255 AB11P-m-0 - Eye Ball R11P-45-1 Socket Eye 2 holes GS-7-AE 3-4 13745-m-0 - Suspension clamp VPAL-D Armour rods  3EL1 192-1LH22 Double SVU 802-66881 SUP EGLA 13837-m-0-i-EWT Cana 802-67455_CounterweightEGLA	76 regular 76 EGLA	Ordered
INS-05, Post Jumper Insulator 120kN	NGK	L2-SN651-28-W	LP-13832_L2-SN651-28-W R-00027 TSC_150	15	Ordered
INS-20, V-String Suspension Insulator 120kN	Siemens	INS-20 802-66996 EGLA 802-66896	Assembly - 802-66996 INS-20  Cut Sheets - GN-20 Straight Shackle KBE-2018052208 Pull rod 401 GS-7-AE-34 Suspension Clamp VPAL-337-353D-PL Armour rods R-5-21-022 Socket Eye KBE-2018052209E Yoke plate KBE-2018052216 Double Eye Twisted  3EL1 192-1LH22 Single SVU 802-66882 KBE-2018052213V1 Electrode EGLA KBE-2019052214 Bracket EGLA	684 regular 684 EGLA	Ordered

Base Supply and Services	Selected Vendor	Part #	Drawing File Name(s)	Quantity	Procurement Status
INS-21, V-String Suspension Insulator 160kN	Siemens	INS-21 802-66997 INS-21 EGLA 802-66897	Assembly - 802-66997 INS-21  Cut Sheets - GN-20 Straight Shackle KBE-2018052215 Pull rod 315 GS-7-AE-34 Suspension Clamp VPAL-337-353D-PL Armour rods R-8-21-u22 Socket Eye KBE-2018052209E Yoke plate KBE-2018052216 Double Eye Twisted  3EL1 192-1LH22 Single SVU 802- 66882 KBE-2018052213V1 Electrode EGLA KBE-2019052214 Bracket EGLA	82 regular 82 EGLA	Ordered
INS-84, V-String Suspension Insulator 120kN	Siemens	INS-84 802-67555 INS-84 EGLA 802-67555	Assembly - 802-67555 V-String  Cut Sheets - Shackle GN20-CA255 TA-3-295-u22 extension link AB11P-m-0 - Eye Ball R11P-21-1 - Socket Eye 2 holes KBE-2018052209E-10 Yoke Plate KBE-2018052216V Double Eye Twisted GS-7-AE 3-4 13745-m-0 - Suspension clamp VPAL-D Armour rods  3EL1 192-1LH22 Single SVU 802- 66882 KBE-2018052213V1 Electrode EGLA KBE-2019052214 Bracket EGLA	8 regular 8 EGLA	Ordered
INS-40, Deadend Insulator 320kN	Salvi	8K201-0009E	Assembly - 8K201-0009E.pdf  Cut Sheets - 2715-32K-204K-RL320-c 2196K-RL320-c 2715-28K-204K-RL320-c PSP323I29-CSA2A-RL320-b 2775-28K-197K-RL160-c ORCS8THLOLCSA2A-d BSCS8THLOLCSA2A-d 433M74-M2UK-e	1386	Ordered
INS-85, HONI Deadend Insulator 320kN	Salvi	8K201-0010C	Assembly - 8K201-0010C.pdf  Cut Sheets - 2730K-100K-RL444-c_LPS 2168K-RL444-b_LPS 2730K-100K-RL463-b PSP463J-CSA2A-RL463-b 2715-32K-197K-RL240-b ORCS11THLOLCSA2A-b_LPS BSCS11THLOLCSA2A-b_LPS 433M74-M2UK-e_LPS	180	Ordered
<b>Guy Assembly</b>					
GUY-01	Salvi	19K-0007F	Assembly - 19K-0007F  Cut Sheets - 2730K-100K-RL463-b 521U-5A-0035-c 530-3-003-d 025-500-2K-T36-RL463-d 7353UK-b 0739-59-1500R-a_10404 T12UL75X-a	3304	Ordered
Double Guy Adapter	Salvi	19K-0010D	Assembly - 19K-0010D  Cut Sheets - 2168K-RL463-b PSP463J-CSA2A-RL463-b JU240-2600B78UCSA2A-RL240-b 025-6MK-2T24-RL240-b 2715-32K-197K-RL240-b	QTY Confirmation	Pending confirmation of QTY before ordering
GUARD,GUY, 1-1/4"x7",ORANGE/RED PVC,PE, TEXT:1-1/4" DIA X 7", FULL ROUND OVERLAPPED DESIGN, COMPLETE WITH CLAMPING BOLT.	Domino	RMORGG-U-74	RMORGG-U-74.pdf		Ordered
<b>Implosives</b>					
Dead End for 1192.5 "Grackle" 54/19 ACSR c/w Oval Eye	Implosive Sleeve Corp	6192912	6192912.pdf	1564	Ordered
Jumper Terminal for 1192.5 "Grackle" 54/19 ACSR	Implosive Sleeve Corp	6193912	6193912.pdf	1564	Ordered
Connector Bolting Hardware Kit Each assembly consist of: 1 ea. of 1/2"x2.25" Hex Bolt A449 1 ea. of 1/2" Hex Nut A563DH 2 ea. of 1/2" Flat Washers F436 1 ea. of 1/2" Lock Washer ASME B18.2.1 These will be supplied in bulk	Implosive Sleeve Corp	05X225HDGKIT	6193912.pdf	6256	Ordered
FTJ for 1192.5 "Grackle" 54/19 ACSR	Implosive Sleeve Corp	6191912	6191912.pdf	600	Ordered
<b>Vibration Dampers</b>					
DAMPER, VIBRATION, 1192.5 KCMIL 54/19 ACSR "GRACKLE", W/O ARMOR RODS	Arruti	SD-0504-034	SD-XX-m-1-1.pdf SD-0X0Y-ZZ-[[[B]]].pdf	7326	Ordered
DAMPER, VIBRATION, 19#10 AW, W/O ARMOR RODS	AFL	SVD462/563	SVD462/563.pdf		ON HOLD
DAMPER, VIBRATION, OPGW DNO-9450, W/O ARMOR RODS	AFL	SVD564/770	VD04_AFL Vibration Dampers.pdf		ON HOLD
AIR FLOW SPOILER, 1192.5 KCMIL 54/19 ACSR "GRACKLE"	PLP	5058107	5058107.pdf		ON HOLD
<b>Wire</b>					
WIRE, COPPER #4 SOILD BARE	Southwire	10644351	WI01_Bare Copper.pdf		ON HOLD
WIRE, #2 AWG, COPPER BARE 7-STRAND	Southwire	10686458	WI02_Bare Copper.pdf		ON HOLD
WIRE, 7/8", STL GR 220, DIAMETER: 7/8", STRAND: 37, STRENGTH: 392 KN ULTIMATE, REFER TO CSA SPEC G-12-14	Apar	N/A	WI03_CSD.pdf, WI03_SDDDD-SteelDrum.pdf	159210	Ordered
<b>Additional Materials</b>					
CURRENT TRANSFER TABS - for	AFL	PN2019_329.10	PN2019_329.10.PDF	1150	Ordered
WEITAP - 19#10 to 19#10 - Continuous loop at dead ends	Bumdy	WCB18	WCB18	130	Ordered
WEITAP - 19#10 to #2 Copper	Bumdy	WCB14	WCB14	55	Ordered
<b>Foundations</b>					

Base Supply and Services	Selected Vendor	Part #	Drawing File Name(s)	Quantity	Procurement Status
Surface rock caps STL - 31.969" X 31.969" HR PLT 50W	Russel Metals	7-STL	19042-CV-RA-0003	280	Ordered
Surface rock caps STH - 31.969" X 31.969" HR PLT 50W	Russel Metals	6-STH	19042-CV-RA-0003	72	Ordered
Surface rock caps STF - 31.969" X 31.969" HR PLT 50W	Russel Metals	5-STF	19042-CV-RA-0003	88	Ordered
Surface rock caps SRF - 31.969" X 31.969" HR PLT 50W	Russel Metals	3-SRF	19042-CV-RA-0003	84	Ordered
Surface rock caps SSX - 44.882" X 44.882" HR PLT 50W	Russel Metals	4-SSX	19042-CV-RA-0003	80	Ordered
#10 GR. 75 ALL-THREAD REBAR X 5,1000MM LONG C/W - FULLY GALVANIZED	Williams	R61-10	19042-CV-RA-0003	2176	Ordered
#10 GR. 75 ALL-THREAD REBAR X 6,1000MM LONG C/W - FULLY GALVANIZED	Williams	R61-10	19042-CV-RA-0003	844	Ordered
#10 GR. 75 HEX NUT, GALV T.O.S	Williams	R63-10 GA	19042-CV-RA-0003	9324	Ordered
1-1/4" F436 HARD WASHER, GALV.	Williams	R9F-10 G	19042-CV-RA-0003	6126	Ordered
PVC CENTRALIZER FOR R61-10 IN A 3" DRILL HOLE	Williams	R61-10 IN	19042-CV-RA-0003	3000	Ordered
MS Cable Grout	King Material	3530020	19042-CV-RA-0003	4704	Ordered/On Hold
Transpo T17 Powder and rResin	Specialty Construction Products	N/A	19042-CV-RA-0003	704	Ordered
Transpo Sub Zero Additive	Specialty Construction Products	N/A	19042-CV-RA-0003	704	Ordered
58.03x58.03x2.125 HR PLT 44W	Russel Metals	MP Cap-58.03x58.03x2.125	19042-CV-RA-0003	488	Ordered
70x70x3.75 HR PLT 44W	Russel Metals	MP Cap-70x70x3.75	19042-CV-RA-0003	8	Ordered
76.02x76.02x4 HR PLT 44W	Russel Metals	MP Cap-76.02x76.02x4	19042-CV-RA-0003	16	Ordered
58.03x58.03x2.75 HR PLT 44W	Russel Metals	MP Cap-58.03x58.03x2.75	19042-CV-RA-0003	192	Ordered
58.03x58.03x2.25 HR PLT 44W	Russel Metals	MP Cap-58.03x58.03x2.25	19042-CV-RA-0003	84	Ordered
49.02" X 49.02" X 2 1/2 HR PLT 44W	Russel Metals	GTF-02	19042-CV-RA-0003	7	Ordered
Tower SDX.90 & SDX.30 - Intermediate Foundation RA3.05 Det.3 (No Threaded Bar, nut or Washer)	Locweld	RA3.05-DET.3	19042-CV-RA-0003	11	Need drawing approval before ordering
Tower SDX.90 & SDX.30 - Deep RA3.04 Det.4 (No Threaded Bar, nut or Washer)	Locweld	RA3.04-DET.4	19042-CV-RA-0003	17	Need drawing approval before ordering
Tower SDX.90 & SDX.30 - Surface RA3.03 Det.4 (No Threaded Bar, nut or Washer)	Locweld	RA3.03-DET.4	19042-CV-RA-0003	0	Need drawing approval before ordering
Tower SDX.90 & SDX.30 - Intermediate Foundation RA3.05 Det.3 (No Threaded Bar, nut or Washer)	Locweld	RA3.05-DET.3	19042-CV-RA-0003	6	Need drawing approval before ordering
Tower SDX.90 & SDX.30 - Deep RA3.04 Det.4 (No Threaded Bar, nut or Washer)	Locweld	RA3.04-DET.4	19042-CV-RA-0003	10	Need drawing approval before ordering
Tower SDX.90 & SDX.30 - Surface RA3.03 Det.4 (No Threaded Bar, nut or Washer)	Locweld	RA3.03-DET.4	19042-CV-RA-0003	0	Need drawing approval before ordering
10mm rebar	Harris Rebar	Pending	19042-CV-RA-0003	Pending	Pending
10mm rebar stirrups	Harris Rebar	Pending	19042-CV-RA-0003	Pending	Pending
Micro Pile Casing	Pending	Pending	MP4	Pending	Pending
Micro Pile Casing	Pending	Pending	MP4	Pending	Pending
Micro Pile Casing	Pending	Pending	MP4	Pending	Pending
DPP Casing	Pending	Pending	19042-CV-DPP-0001	Pending	Pending
1-3/8" 150KSI ALL-THREAD BAR X 3.0M LONG, GALV.	Williams	R71-11	MP4	46	Ordered
1-3/8" 150KSI ALL-THREAD BAR X 6.0M LONG, PLAIN	Williams	R71-11	MP4	65	Ordered
1-3/8" 150KSI STOP COUPLING, PLAIN T.O.S.	Williams	R72-11	MP4	65	Ordered
5 DEGREE BEVELED WASHER FOR 1-3/8" 150KSI, GALV.	Williams	R8M-Z	MP4	8	Ordered
2.5 DEGREE BEVELED WASHER FOR 1-3/8" 150KSI, GALV.	Williams	R8M-Z	MP4	88	Ordered
NS 1-3/8" 150KSI HEX NUT, GALV O.S.	Williams	R73-NS11GA	MP4	46	Ordered
1-3/4" 150KSI ALL-THREAD BAR X 3.0M LONG, GALV.	Williams	R71-14	MP4	130	Ordered
1-3/4" 150KSI ALL-THREAD BAR X 6.0M LONG, PLAIN	Williams	R71-14	MP4	195	Ordered
1-3/4" 150KSI STOP COUPLING, PLAIN T.O.S.	Williams	R72-14	MP4	195	Ordered
15 DEGREE BEVELED WASHER FOR 1-3/4" 150KSI, GALV.	Williams	R8M-Z	MP4	268	Ordered
1-3/4" 150KSI HEX NUT RH, GALV. O.S.	Williams	R73-14 RH GA	MP4	130	Ordered
2-1/2" 150KSI ALL-THREAD BAR X 3.0M LONG, GALV.	Williams	R71-20	MP4	50	Ordered
2-1/2" 150KSI ALL-THREAD BAR X 6.0M LONG, PLAIN	Williams	R71-20	MP4	100	Ordered
NS 2-1/2" 150KSI STOP COUPLING, PLAIN T.O.S.	Williams	R72-NS20RH	MP4	100	Ordered
2.5 DEGREE BEVELED WASHER FOR 2-1/2" 150KSI, GALV.	Williams	R8M-Z	MP4	102	Ordered
2-1/2" 150KSI HEX NUT RH, GALV. O.S.	Williams	R73-20 RH GA	MP4	102	Ordered
#11 GR. 75 ALL-THREAD REBAR X 3.0M LONG, GALV.	Williams	R61-11	MP4	190	Ordered
#11 GR. 75 ALL-THREAD REBAR X 6.0M LONG, PLAIN	Williams	R61-11	MP4	260	Ordered
#11 GR. 75 STOP COUPLING, PLAIN T.O.S.	Williams	R62-11	MP4	260	Ordered
15 DEGREE BEVELED WASHER FOR #11 GR.75, GALV.	Williams	R8M-13 S GA	MP4	380	Ordered
#11 GR. 75 HEX NUT GALV. T.O.S.	Williams	R63-11 GA	MP4	190	Ordered
#14 GR. 75 ALL-THREAD REBAR X 3.0M LONG, GALV.	Williams	R61-14	MP4	30	Ordered
#14 GR. 75 ALL-THREAD REBAR X 6.0M LONG, PLAIN	Williams	R61-14	MP4	65	Ordered
#14 GR. 75 STOP COUPLING, PLAIN T.O.S.	Williams	R62-14 RH	MP4	65	Ordered
15 DEGREE BEVELED WASHER FOR #14 GR.75, GALV.	Williams	R8M-16 S GA	MP4	60	Ordered
NS #14 GR. 75 RH HEX NUT, GALV	Williams	R63-NS14RHGA	MP4	30	Ordered
#18 GR. 75 ALL-THREAD REBAR X 3.0M LONG, GALV.	Williams	R61-18	MP4	90	Ordered
#18 GR. 75 ALL-THREAD REBAR X 6.0M LONG, PLAIN	Williams	R61-18	MP4	135	Ordered
NS #18 GR. 75 RH STOP COUPLING, PLAIN T.O.S.	Williams	R62-NS-18RH	MP4	140	Ordered
15 DEGREE BEVELED WASHER FOR #18 GR.75, GALV.	Williams	R8M-Z	MP4	180	Ordered
NS #18 GR. 75 RH HEX NUT, GALV	Williams	R63-NS18RHGA	MP4	94	Ordered
Grouted Anchor Bar	Pending	Pending	GA3	Pending	Pending
Driven Pile Caps 1590x1590x69.9	Russel Metals	Pending	DPS	5	Ordered
Driven Pile Caps 1670x2280x50.8	Russel Metals	Pending	DPS	112	Ordered
Driven Pile Caps 1770x1770x50.8	Russel Metals	Pending	DPS	60	Ordered
Driven Pile Caps 1770x2380x50.8	Russel Metals	Pending	DPS	52	Ordered
Splicing rings 10"	IMW	Pending	DPS	30	Ordered
Splicing rings 12"	IMW	Pending	DPS	16	Ordered
Splicing rings 16"	IMW	Pending	DPS	128	Ordered
<b>Pipe Piles</b>					
VF01 - 273.1 x 9.27 15m	Pipe & Piling	Pending	DPS	211	Ordered
VF02 - 273.1 x 9.27 18m	Pipe & Piling	Pending	DPS	26	Ordered
VF03 - 273.1 x 9.27 20m	Pipe & Piling	Pending	DPS	157	Ordered
VF04 - 273.1 x 9.27 24m	Pipe & Piling	Pending	DPS	30	Ordered
VF05 - 323.9 x 9.53 15m	Pipe & Piling	Pending	DPS	128	Ordered
VF06 - 323.9 x 9.53 18m	Pipe & Piling	Pending	DPS	32	Ordered
VF07 - 323.9 x 9.53 20m	Pipe & Piling	Pending	DPS	32	Ordered
VF08 - 323.9 x 9.53 24m	Pipe & Piling	Pending	DPS	0	Ordered
VF09 - 323.9 x 9.53 27m	Pipe & Piling	Pending	DPS	16	Ordered
VF10 - 406.4 x 9.53 15m	Pipe & Piling	Pending	DPS	48	Ordered
VF11 - 406.4 x 9.53 18m	Pipe & Piling	Pending	DPS	0	Ordered
VF12 - 406.4 x 9.53 20m	Pipe & Piling	Pending	DPS	48	Ordered
VF13 - 406.4 x 9.53 24m	Pipe & Piling	Pending	DPS	48	Ordered
VF14 - 406.4 x 9.53 27m	Pipe & Piling	Pending	DPS	48	Ordered
VF15 - 406.4 x 9.53 30m	Pipe & Piling	Pending	DPS	32	Ordered
VF16 - 406.4 x 9.53 33m	Pipe & Piling	Pending	DPS	0	Ordered
1524mm x 19.05mm x 15.24m temp casing	Pipe & Piling	Pending	DPS	4	Ordered
Ø1219mm x 57mm round Pile cap for GTL/GTH tower with connection holes	LEG	LEG-L0003405	MP5	0	Ordered
Ø1422mm x 57mm round Pile cap for GTL/GTH tower without connection holes	LEG	LEG-L0003406	MP5	0	Ordered
1-3/8" 150KSI ALL-THREAD BAR X 3.0M LONG, GALV.	Williams Forms	R71-11	MP5	46	Ordered
1-3/8" 150KSI ALL-THREAD BAR X 6.0M LONG, PLAIN	Williams Forms	R71-11	MP5	0	Ordered
NS 1-3/8" 150KSI STOP COUPLING, PLAIN T.O.S.	Williams Forms	R72-NS11	MP5	0	Ordered
SPECIAL 1-3/8" 150KSI GALV. THRU-TYPE COUPLER *PILE CAP*	Williams Forms	R72-Z	MP5	46	Ordered
*AS PER QSS DRAWING*	Williams Forms	R72-Z	MP5	46	Ordered
5 DEGREE BEVELED WASHER FOR 1-3/8" 150KSI, GALV.	Williams Forms	R8M-Z	MP5	8	Ordered
2.5 DEGREE BEVELED WASHER FOR 1-3/8" 150KSI, GALV.	Williams Forms	R8M-Z	MP5	88	Ordered
*AS PER QSS DRAWING*	Williams Forms	R8M-Z	MP5	88	Ordered
NS 1-3/8" 150KSI HEX NUT, GALV O.S.	Williams Forms	R73-NS11GA	MP5	46	Ordered
1-3/4" 150KSI ALL-THREAD BAR X 3.0M LONG, GALV.	Williams Forms	R71-14	MP5	130	Ordered
1-3/4" 150KSI ALL-THREAD BAR X 6.0M LONG, PLAIN	Williams Forms	R71-14	MP5	195	Ordered
1-3/4" 150KSI STOP COUPLING RH O.S.	Williams Forms	R72-14 RH OS	MP5	195	Ordered



Base Supply and Services	Selected Vendor	Part #	Drawing File Name(s)	Quantity	Procurement Status
SPECIAL 1-3/4" 150KSI GALV. THRU-TYPE COUPLER *PILE CAP* *AS PER QSS DRAWING*	Williams Forms	R72-Z	MP5	130	Ordered
15 DEGREE BEVELED WASHER FOR 1-3/4" 150KSI, GALV. *AS PER QSS DRAWING*	Williams Forms	R8M-Z	MP5	268	Ordered
1-3/4" 150KSI HEX NUT RH, GALV. O.S.	Williams Forms	R73-14 RH GA	MP5	130	Ordered
2-1/2" 150KSI ALL-THREAD BAR X 3.0M LONG, GALV.	Williams Forms	R71-20	MP5	50	Ordered
2-1/2" 150KSI ALL-THREAD BAR X 6.0M LONG, PLAIN	Williams Forms	R71-20	MP5	0	Ordered
NS 2-1/2" 150KSI STOP COUPLING, PLAIN T.O.S.	Williams Forms	R72-NS2DRH	MP5	0	Ordered
2.5 DEGREE BEVELED WASHER FOR 2-1/2" 150KSI, GALV. *AS PER QSS DRAWING*	Williams Forms	R8M-Z	MP5	102	Ordered
2-1/2" 150KSI HEX NUT RH, GALV. O.S.	Williams Forms	R73-20 RH GA	MP5	102	Ordered
#11 GR. 75 RIGHT HAND ALL-THREAD REBAR X 3.0M LONG C/W - FULLY GALVANIZED	Williams Forms	R61-11	MP5	190	Ordered
#11 GR. 75 RIGHT HAND ALL-THREAD REBAR X 6.0M LONG C/W - PLAIN FINISH	Williams Forms	R61-11	MP5	170	Ordered
#11 GR. 75 RIGHT HAND OVS STOP COUPLING	Williams Forms	R62-11RHOS	MP5	0	Ordered
SPECIAL #11 GR. 75 GALV. THRU-TYPE COUPLER *PILE CAP* *AS PER QSS DRAWING*	Williams Forms	R62-Z	MP5	190	Ordered
15 DEGREE BEVELED WASHER FOR #11 GR.75, GALV. *AS PER QSS DRAWING*	Williams Forms	R8M-13 S GA	MP5	190	Ordered
#11 GR. 75 RIGHT HAND HEX NUT, GALV T.O.S.	Williams Forms	R63-11RHGA	MP5	380	Ordered
#14 GR. 75 ALL-THREAD REBAR X 3.0M LONG, GALV.	Williams Forms	R61-14	MP5	30	Ordered
#14 GR. 75 ALL-THREAD REBAR X 6.0M LONG, PLAIN	Williams Forms	R61-14	MP5	0	Ordered
NS #14 GR. 75 RH STOP COUPLING, PLAIN T.O.S.	Williams Forms	R62-NS14RH	MP5	0	Ordered
SPECIAL #14 GR. 75 GALV. THRU-TYPE COUPLER *PILE CAP* *AS PER QSS DRAWING*	Williams Forms	R62-Z	MP5	30	Ordered
15 DEGREE BEVELED WASHER FOR #14 GR.75, GALV. *AS PER QSS DRAWING*	Williams Forms	R8M-16 S GA	MP5	60	Ordered
NS #14 GR. 75 RH HEX NUT, GALV	Williams Forms	R63-NS14RHGA	MP5	30	Ordered
#18 GR. 75 ALL-THREAD REBAR X 3.0M LONG, GALV.	Williams Forms	R61-18	MP5	90	Ordered
#18 GR. 75 ALL-THREAD REBAR X 6.0M LONG, PLAIN	Williams Forms	R61-18	MP5	0	Ordered
NS #18 GR. 75 RH STOP COUPLING, PLAIN T.O.S.	Williams Forms	R62-NS18RH	MP5	0	Ordered
SPECIAL #18 GR. 75 GALV. THRU-TYPE COUPLER *PILE CAP* *AS PER QSS DRAWING*	Williams Forms	R62-Z	MP5	90	Ordered
15 DEGREE BEVELED WASHER FOR #18 GR.75, GALV. *AS PER QSS DRAWING*	Williams Forms	R8M-Z	MP5	180	Ordered
NS #18 GR. 75 RH HEX NUT, GALV	Williams Forms	R63-NS18RHGA	MP5	84	Ordered
Anchor Rod #8 GR. 75 MATERIAL X 3 650mm LONG C/W - 500mm LEFT HAND THREAD BOTH ENDS - FULLY GALVANIZED	Williams Forms	R61-08	GA3	0	Ordered
Anchor Rod #8 GR. 75 ALL-THREAD BAR X 6 000mm LONG C/W - FULLY THREADED LEFT HAND - PLAIN FINISH	Williams Forms	R61-08	GA3	0	Ordered
NS #8 GR. 75 STOP COUPLING	Williams Forms	R62-NS08	GA3	0	Ordered
NS #8 GR. 75 HEX NUT, GALV.	Williams Forms	R63-NS08GA	GA3	0	Ordered
Anchor Rod #11 GR. 75 MATERIAL X 3 650mm LONG C/W - 500mm LEFT HAND THREAD BOTH ENDS - FULLY GALVANIZED	Williams Forms	R61-11	GA3	0	Ordered
Anchor Rod #11 GR. 75 ALL-THREAD BAR X 6 000mm LONG C/W - FULLY THREADED LEFT HAND - PLAIN FINISH	Williams Forms	R61-11	GA3	0	Ordered
NS #11 GR. 75 STOP COUPLING	Williams Forms	R62-NS11	GA3	0	Ordered
#11 GR. 75 HEX NUT GALV. T.O.S.	Williams Forms	R63-11 GA	GA3	0	Ordered
12.75" X 0.375" X 52.5" LONG STEEL PIPE - SPIRAL WELDED - A-252 GR.3 G40.21 350W - PLAIN STEEL	SPIRALCO	N/A	DPP2	0	Ordered
16" X 0.375" X 52.5" LONG STEEL PIPE - SPIRAL WELDED - A-252 GR.3 G40.21 350W - PLAIN STEEL	SPIRALCO	N/A	DPP2	0	Ordered
16" X 0.5" X 52.5" LONG STEEL PIPE - SPIRAL WELDED - A-252 GR.3 G40.21 350W - PLAIN STEEL	SPIRALCO	N/A	DPP2	0	Ordered
DPP Top Plate 13.75" x 1.25" - 44W - HOT DIPPED GALVANIZED	LEG	LEG-L0003219	DPP2	0	Ordered
DPP Top Plate 13.75" x 1.25" - 44W - HOT DIPPED GALVANIZED	LEG	LEG-L0003219	DPP2	65	Ordered
DPP Top Plate 17" x 1.5" - 44W - HOT DIPPED GALVANIZED	LEG	LEG-L0003222	DPP2	0	Ordered
DPP Top Plate 17" x 1.5" - 44W - HOT DIPPED GALVANIZED	LEG	LEG-L0003222	DPP2	45	Ordered
DPP centralizer for permanent casing	LEG	LEG-L0000264	DPP2	0	Ordered
DPP TOWER CENTER PIN 800MM LT - WMS 38mm (1-1/2" - 6UNC) ASTM A-193 Class 2, Steel, Grade B-7 - HOT DIP GALVANIZED (ASTM A153), 120 micron (0.005")	LEG	LEG-L0003379	DPP2	350	Ordered
DPP TOWER CENTER PIN (1-1/2" - 8UN) ASTM A-193 Class 2 - HOT DIP GALVANIZED (ASTM A153), 120 micron (0.005")	LEG	LEG-L0000032	DPP2	0	Ordered
HEX NUT 1-1/2-8UN - ASTM A194 2H - HOT DIP GALVANIZED (ASTM A153)	Williams Forms	S0000269	DPP2	30	Ordered
HEX NUT 1-1/2-8UN - ASTM A194 2H - HOT DIP GALVANIZED (ASTM A153)	Williams Forms	S0000269	DPP2	0	Ordered
PALLET OF PORTLAND CEMENT - CIMENT QUEBEC TYPE HE30 - (60 BAGS/PALLET)	Ciment Québec	N/A	N/A	60	Ordered
<b>Centralizers MP</b>					
1-1/2" Sch40 x 5.5 " Dia	Precision Turning & Milling Ltd.	N/A	19042-CV-MP-0003	2978	Ordered
2" Sch40 x 5.5 " Dia	Precision Turning & Milling Ltd.	N/A	19042-CV-MP-0003	3153	Ordered
2-1/2" Sch40 x 5.5 " Dia	Precision Turning & Milling Ltd.	N/A	19042-CV-MP-0003	1177	Ordered
1-1/2" Sch40 x 7 " Dia	Precision Turning & Milling Ltd.	N/A	19042-CV-MP-0003	2091	Ordered
2" Sch40 x 7 " Dia	Precision Turning & Milling Ltd.	N/A	19042-CV-MP-0003	1956	Ordered
2-1/2" Sch40 x 7" Dia	Precision Turning & Milling Ltd.	N/A	19042-CV-MP-0003	262	Ordered
<b>Casing MP</b>					
7.0 in x 0.408 in	Platinum Groover	N/A	19042-CV-MP-0003	0	
8.625 in x 0.500 in	Platinum Groover	N/A	19042-CV-MP-0003	920 ft	Ordered
8.625 in x 0.500 in	Platinum Groover	N/A	19042-CV-MP-0003	500 ft	Ordered
7.0 in x 0.453 in	Platinum Groover	N/A	19042-CV-MP-0003	1200 ft	Ordered



Client: NextBridge Infrastructure LP  
Project: Ontario East West Tie Line

Project Number: VC-7556  
Date Created: 2019-12-10 Rev: 00  
Monthly Report: November, 2019

## Appendix D: OEWTl Milestone Schedule 30-Nov-19

Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Start	Finish	2019												2020												2021												2022											
							19												2020												2021												2022											
							Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep									
OEWTLSchedule Rev02 Progress Update - Nov 30, 2019		1516.0	17-Oct-17	30-Nov-21	17-Oct-17 A	31-Jan-22																																																
<b>General</b>		1428.0	17-Oct-17	30-Nov-21	17-Oct-17 A	31-Jan-22																																																
CM-0010	Project Award	0.0	17-Oct-17		17-Oct-17 A																																																	
CM-0060	Final Acceptance	0.0		30-Nov-21		15-Jan-22*																																																
CM-0020	Guaranteed Provisional Acceptance	0.0		05-Oct-21		16-Jan-22																																																
CM-0050	Project Completion	0.0		30-Nov-21		31-Jan-22																																																
<b>Pre-Construction Activities</b>		198.0	30-Sep-19	15-Jun-20	01-Dec-19	15-Jun-20																																																
<b>Contractor's Procurement</b>		198.0	30-Sep-19	15-Jun-20	01-Dec-19	15-Jun-20																																																
<b>Line Hardware</b>		198.0	30-Sep-19	15-Jun-20	01-Dec-19	15-Jun-20																																																
PRC-LHW-1	Line Hardwares- 1st Batch Delivery (Nipigon Yard)	0.0		30-Sep-19		01-Dec-19*																																																
PRC-LHW-2	Line Hardwares- 2nd Batch Delivery (Terrace Bay)	0.0		20-Dec-19		20-Dec-19*																																																
PRC-LHW-3	Line Hardwares- 3rd Batch Delivery (White River)	0.0		15-May-20		15-May-20*																																																
PRC-LHW-4	Line Hardwares- 4th Batch Delivery (Wawa)	0.0		15-Jun-20		15-Jun-20*																																																
<b>Construction</b>		951.0	15-May-19	05-Oct-21	17-Jul-19 A	16-Jan-22																																																
<b>Permitting</b>		230.0	15-May-19	19-Oct-19	17-Jul-19 A	12-Jan-20																																																
WF01-PERMIT-0010	Permit Submitted to Regulator	0.0	27-May-19		17-Jul-19 A																																																	
WF07-PERMIT-0010	Permit Submitted to Regulator	0.0	15-May-19		24-Jul-19 A																																																	
WF08-PERMIT-0010	Permit Submitted to Regulator	0.0	14-Jun-19		01-Aug-19 A																																																	
WF03-PERMIT-0010	Permit Submitted to Regulator	0.0	12-Jul-19		27-Aug-19 A																																																	
WF02-PERMIT-0010	Permit Submitted to Regulator	0.0	05-Jun-19		03-Sep-19 A																																																	
WF06-PERMIT-0010	Permit Submitted to Regulator	0.0	28-Jun-19		13-Sep-19 A																																																	
WF01-PERMIT-0030	Permit Approved (Private Land)	0.0		25-Jun-19		20-Sep-19 A																																																
WF09-PERMIT-0010	Permit Submitted to Regulator	0.0	26-Jul-19		15-Oct-19 A																																																	
WF04-PERMIT-0010	Permit Submitted to Regulator	0.0	06-Sep-19		25-Oct-19 A																																																	
WF10-PERMIT-0010	Permit Submitted to Regulator	0.0	23-Aug-19		25-Oct-19 A																																																	
WF05-PERMIT-0010	Permit Submitted to Regulator	0.0	20-Sep-19		08-Nov-19 A																																																	
WF02-PERMIT-0030	Permit Approved	0.0		04-Jul-19		01-Dec-19																																																
WF04-PERMIT-0030	Permit Approved	0.0		05-Oct-19		01-Dec-19																																																
WF06-PERMIT-0030	Permit Approved	0.0		27-Jul-19		01-Dec-19																																																
WF07-PERMIT-0030	Permit Approved	0.0		13-Jun-19		01-Dec-19																																																
WF08-PERMIT-0030	Permit Approved	0.0		13-Jul-19		01-Dec-19																																																
WF09-PERMIT-0030	Permit Approved	0.0		24-Aug-19		01-Dec-19																																																
WF10-PERMIT-0030	Permit Approved	0.0		21-Sep-19		01-Dec-19																																																
WF11-PERMIT-0010	Permit Submitted to Regulator	0.0	09-Aug-19		01-Dec-19*																																																	
WF03-PERMIT-0030	Permit Approved	0.0		10-Aug-19		01-Dec-19																																																
WF01-PERMIT-0031	Permit Approved (Non-Private Land)	0.0				01-Dec-19*																																																
WF05-PERMIT-0030	Permit Approved	0.0		19-Oct-19		08-Dec-19																																																
WF11-PERMIT-0030	Permit Approved	0.0		07-Sep-19		12-Jan-20																																																
<b>Transmission Line - WF01</b>		208.0	01-Aug-19	31-May-20	04-Nov-19 A	31-Jul-20																																																
<b>Milestones</b>		208.0	01-Aug-19	31-May-20	04-Nov-19 A	31-Jul-20																																																
WF01-MS-001	Construction Access Available by owner	0.0	01-Aug-19		04-Nov-19 A																																																	
WF01-MS-003	Provisional Acceptance for the Segment	0.0		31-May-20		31-Jul-20																																																
<b>Transmission Line - WF02</b>		222.2	01-Aug-19	04-Jul-20	01-Dec-19	05-Sep-20																																																
<b>Milestones</b>		222.2	01-Aug-19	04-Jul-20	01-Dec-19	05-Sep-20																																																
WF02-MS-001	Construction Access Available by owner	0.0	01-Aug-19		01-Dec-19*																																																	
WF02-MS-003	Provisional Acceptance for the Segment	0.0		04-Jul-20		05-Sep-20																																																
<b>Transmission Line - WF03</b>		272.0	11-Aug-19	23-Aug-20	01-Dec-19	24-Oct-20																																																
<b>Milestones</b>		272.0	11-Aug-19	23-Aug-20	01-Dec-19	24-Oct-20																																																
WF03-MS-001	Construction Access Available by owner	0.0	11-Aug-19		01-Dec-19*																																																	
WF03-MS-003	Provisional Acceptance for the Segment	0.0		23-Aug-20		24-Oct-20																																																
<b>Transmission Line - WF04</b>		360.0	06-Oct-19	11-Feb-21	01-Dec-19	02-Feb-21																																																
<b>Milestones</b>		360.0	06-Oct-19	11-Feb-21	01-Dec-19	02-Feb-21																																																
WF04-MS-001	Construction Access Available by owner	0.0	06-Oct-19		01-Dec-19*																																																	
WF04-MS-003	Provisional Acceptance for the Segment	0.0		11-Feb-21		02-Feb-21																																																

■ Remaining Level of Effort    ■ Critical Remaining Work  
■ Actual Work    ◆ Milestone  
■ Remaining Work

Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Start	Finish	2019												2020												2021												2022											
							Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep									
<b>Transmission Line - WF05</b>																																																						
<b>Milestones</b>																																																						
WF05-MS-001	Construction Access Available by owner	0.0	20-Oct-19		08-Jan-20*														◆ Construction Access Available by owner																																			
WF05-MS-003	Provisional Acceptance for the Segment	0.0		25-Mar-21		16-Mar-21																																																
<b>Transmission Line - WF06 (Caribou Zone)</b>																																																						
<b>Milestones</b>																																																						
WF06-MS-001	Construction Access Available by owner	0.0	01-Dec-19		01-Dec-19*														◆ Construction Access Available by owner																																			
WF06-MS-003	Provisional Acceptance for the Segment	0.0		16-Dec-20		18-Mar-21																																																
<b>Transmission Line - WF07</b>																																																						
<b>Milestones</b>																																																						
WF07-MS-001	Construction Access Available by owner	0.0	01-Aug-19		01-Dec-19*														◆ Construction Access Available by owner																																			
WF07-MS-003	Provisional Acceptance for the Segment	0.0		03-Mar-21		17-May-21																																																
<b>Transmission Line - WF08</b>																																																						
<b>Milestones</b>																																																						
WF08-MS-001	Construction Access Available by owner	0.0	01-Aug-19		01-Dec-19*														◆ Construction Access Available by owner																																			
WF08-MS-003	Provisional Acceptance for the Segment	0.0		20-May-21		24-Jun-21																																																
<b>Transmission Line - WF09</b>																																																						
<b>Milestones</b>																																																						
WF09-MS-001	Construction Access Available by owner	0.0	25-Aug-19		01-Dec-19*														◆ Construction Access Available by owner																																			
WF09-MS-003	Provisional Acceptance for the Segment	0.0		15-Jul-21		18-Sep-21																																																
<b>Transmission Line - WF10</b>																																																						
<b>Milestones</b>																																																						
WF10-MS-001	Construction Access Available by owner	0.0	22-Sep-19		01-Dec-19*														◆ Construction Access Available by owner																																			
WF10-MS-003	Provisional Acceptance for the Segment	0.0		24-Aug-21		17-Nov-21																																																
<b>Transmission Line - WF11</b>																																																						
<b>Milestones</b>																																																						
WF11-MS-001	Construction Access Available by owner	0.0	08-Sep-19		13-Jan-20*														◆ Construction Access Available by owner																																			
WF11-MS-003	Provisional Acceptance for the Segment	0.0		05-Oct-21		16-Jan-22																																																

█ Remaining Level of Effort    █ Critical Remaining Work  
█ Actual Work    ◆ Milestone  
█ Remaining Work




Client: NextBridge Infrastructure LP  
Project: Ontario East West Tie Line

Project Number: VC-7556  
Date Created: 2019-12-10 Rev: 00  
Monthly Report: November, 2019

## Appendix E: OEWTl Detailed Schedule 30-Nov-19

Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Start	Finish	Activity % Complete	2020												2021												2022								
								Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
OEWTLSchedule Rev02 Progress Update - Nov 30, 2019		1516.0	17-Oct-17	30-Nov-21	17-Oct-17 A	31-Jan-22		31-Jan-22, OEWTLSchedule Rev02 Progress																																
<b>General</b>		1516.0	17-Oct-17	30-Nov-21	17-Oct-17 A	31-Jan-22		31-Jan-22, General																																
CM-0010	Project Award	0.0	17-Oct-17		17-Oct-17 A		100%																																	
CM-0030	Pre-operational handover	3.0	28-Sep-21	01-Oct-21	10-Jan-22	12-Jan-22	0%	Pre-operational handover																																
CM-0060	Final Acceptance	0.0		30-Nov-21		15-Jan-22*	0%	Final Acceptance																																
CM-0020	Guaranteed Provisional Acceptance	0.0		05-Oct-21		16-Jan-22	0%	Guaranteed Provisional Acceptance																																
CM-0040	Operational Tests	15.0	05-Oct-21	20-Oct-21	17-Jan-22	31-Jan-22	0%	Operational Tests																																
CM-0050	Project Completion	0.0		30-Nov-21		31-Jan-22	0%	Project Completion																																
<b>Pre-Construction Activities</b>		327.0	30-Sep-19	21-Oct-20	02-Nov-19 A	21-Oct-20		21-Oct-20, Pre-Construction Activities																																
<b>Contractor's Procurement</b>		327.0	30-Sep-19	21-Oct-20	02-Nov-19 A	21-Oct-20		21-Oct-20, Contractor's Procurement																																
<b>Line Hardware</b>		198.0	30-Sep-19	15-Jun-20	01-Dec-19	15-Jun-20		15-Jun-20, Line Hardware																																
PRC-LHW-1	Line Hardwares- 1st Batch Delivery (Nipigon Yard)	0.0		30-Sep-19		01-Dec-19*	0%	Line Hardwares- 1st Batch Delivery (Nipigon Yard)																																
PRC-LHW-2	Line Hardwares- 2nd Batch Delivery (Terrace Bay)	0.0		20-Dec-19		20-Dec-19*	0%	Line Hardwares- 2nd Batch Delivery (Terrace Bay)																																
PRC-LHW-3	Line Hardwares- 3rd Batch Delivery (White River)	0.0		15-May-20		15-May-20*	0%	Line Hardwares- 3rd Batch Delivery (White River)																																
PRC-LHW-4	Line Hardwares- 4th Batch Delivery (Wawa)	0.0		15-Jun-20		15-Jun-20*	0%	Line Hardwares- 4th Batch Delivery (Wawa)																																
<b>Tower Material</b>		283.0	04-Oct-19	21-Oct-20	02-Nov-19 A	21-Oct-20		21-Oct-20, Tower Material																																
WF01-STL	WF01- Structure Steel Delivery	23.0	04-Oct-19	09-Dec-19	02-Nov-19 A	09-Dec-19	23.29%	WF01- Structure Steel Delivery																																
WF02-STL	WF02- Structure Steel Delivery	12.0	10-Dec-19	03-Jan-20	10-Dec-19*	03-Jan-20	0%	WF02- Structure Steel Delivery																																
WF06-STL	WF06- Structure Steel Delivery	61.0	03-Jan-20	03-Mar-20	03-Jan-20*	03-Mar-20	0%	WF06- Structure Steel Delivery																																
WF10-STL	WF10- Structure Steel Delivery	248.0	04-Jan-20	21-Oct-20	04-Jan-20*	21-Oct-20	0%	WF10- Structure Steel Delivery																																
WF03-STL	WF03- Structure Steel Delivery	44.0	04-Jan-20	16-Feb-20	04-Jan-20*	16-Feb-20	0%	WF03- Structure Steel Delivery																																
WF04-STL	WF04- Structure Steel Delivery	54.0	04-Jan-20	26-Feb-20	04-Jan-20*	26-Feb-20	0%	WF04- Structure Steel Delivery																																
WF05-STL	WF05- Structure Steel Delivery	45.0	18-Jan-20	02-Mar-20	18-Jan-20*	02-Mar-20	0%	WF05- Structure Steel Delivery																																
WF11-STL	WF11- Structure Steel Delivery	79.0	12-Feb-20	13-Jun-20	12-Feb-20*	13-Jun-20	0%	WF11- Structure Steel Delivery																																
WF07-STL	WF07- Structure Steel Delivery	102.0	02-Mar-20	25-Jul-20	02-Mar-20*	25-Jul-20	0%	WF07- Structure Steel Delivery																																
WF08-STL	WF08- Structure Steel Delivery	36.0	26-Jul-20	30-Aug-20	26-Jul-20*	30-Aug-20	0%	WF08- Structure Steel Delivery																																
WF09-STL	WF09- Structure Steel Delivery	52.0	30-Aug-20	20-Oct-20	30-Aug-20*	20-Oct-20	0%	WF09- Structure Steel Delivery																																
<b>Construction</b>		951.0	15-May-19	30-Nov-21	17-Jul-19 A	16-Jan-22		16-Jan-22, Construction																																
<b>Owner Furnished Equipment Delivery Dates</b>		687.0	01-Oct-19	01-Mar-21	02-Nov-19 A	30-Oct-21		30-Oct-21, Owner Furnished Equipment Delivery Dates																																
<b>Conductor Stringing Material</b>		534.0	01-Oct-19	01-Mar-21	15-May-20	30-Oct-21		30-Oct-21, Conductor Stringing Material																																
PRC-STG-1-OWN	Conductor Grackle Delivery (1st)	170.0	01-Oct-19	29-Nov-19	15-May-20*	31-Oct-20	0%	Conductor Grackle Delivery (1st)																																
PRC-OHS-1-OWN	1st OHSW Delivery (1st)	170.0	01-Oct-19	29-Nov-19	15-May-20*	31-Oct-20	0%	1st OHSW Delivery (1st)																																
PRC-OPG-1-OWN	1st OPGW Delivery (1st)	170.0	01-Oct-19	30-Oct-19	15-May-20*	31-Oct-20	0%	1st OPGW Delivery (1st)																																
PRC-STG-2-OWN	Conductor Grackle Delivery (2nd)	90.0	01-Mar-20	29-Apr-20	15-Sep-20*	13-Dec-20	0%	Conductor Grackle Delivery (2nd)																																
PRC-OHS-2-OWN	1st OHSW Delivery (2nd)	90.0	01-Mar-20	29-Apr-20	15-Sep-20*	13-Dec-20	0%	1st OHSW Delivery (2nd)																																
PRC-OPG-2-OWN	1st OPGW Delivery (2nd)	90.0	01-Mar-20	30-Mar-20	15-Sep-20*	13-Dec-20	0%	1st OPGW Delivery (2nd)																																
PRC-STG-3-OWN	Conductor Grackle Delivery (3rd)	60.0	01-Sep-20	30-Oct-20	02-Jan-21*	02-Mar-21	0%	Conductor Grackle Delivery (3rd)																																
PRC-OHS-3-OWN	1st OHSW Delivery (3rd)	60.0	01-Sep-20	30-Oct-20	02-Jan-21*	02-Mar-21	0%	1st OHSW Delivery (3rd)																																
PRC-OPG-3-OWN	1st OPGW Delivery (3rd)	60.0	01-Sep-20	30-Sep-20	02-Jan-21*	02-Mar-21	0%	1st OPGW Delivery (3rd)																																
PRC-STG-4-OWN	Conductor Grackle Delivery (4th)	169.0	01-Jan-21	01-Mar-21	15-May-21*	30-Oct-21	0%	Conductor Grackle Delivery (4th)																																
PRC-OHS-4-OWN	1st OHSW Delivery (4th)	169.0	01-Jan-21	01-Mar-21	15-May-21*	30-Oct-21	0%	1st OHSW Delivery (4th)																																
PRC-OPG-4-OWN	1st OPGW Delivery (4th)	169.0	01-Jan-21	30-Jan-21	15-May-21*	30-Oct-21	0%	1st OPGW Delivery (4th)																																
<b>Tower Steel</b>		283.0	04-Oct-19	21-Oct-20	02-Nov-19 A	21-Oct-20		21-Oct-20, Tower Steel																																
WF01-STL-OWN	WF01- Structure Steel Delivery	23.0	04-Oct-19	09-Dec-19	02-Nov-19 A	09-Dec-19	23.29%	WF01- Structure Steel Delivery																																
WF02-STL-OWN	WF02- Structure Steel Delivery	12.0	10-Dec-19	03-Jan-20	10-Dec-19*	03-Jan-20	0%	WF02- Structure Steel Delivery																																
WF06-STL-OWN	WF06- Structure Steel Delivery	61.0	03-Jan-20	03-Mar-20	03-Jan-20*	03-Mar-20	0%	WF06- Structure Steel Delivery																																
WF10-STL-OWN	WF10- Structure Steel Delivery	248.0	04-Jan-20	21-Oct-20	04-Jan-20*	21-Oct-20	0%	WF10- Structure Steel Delivery																																
WF03-STL-OWN	WF03- Structure Steel Delivery	44.0	04-Jan-20	16-Feb-20	04-Jan-20*	16-Feb-20	0%	WF03- Structure Steel Delivery																																

█ Remaining Level of Effort     █ Critical Remaining Work  
█ Actual Work     ◆ Milestone  
█ Remaining Work      Summary



Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Start	Finish	Activity % Complete	2020												2021												2022								
								Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
WF01-RCL	Reclamation	53.0	01-Aug-20	22-Sep-20	01-Aug-20	22-Sep-20	0%	Reclamation																																
<b>Milestones</b>		208.0	01-Aug-19	31-May-20	04-Nov-19 A	31-Jul-20	0%	31-Jul-20, Milestones																																
WF01-MS-001	Construction Access Available by owner	0.0	01-Aug-19		04-Nov-19 A		100%	Construction Access Available by owner																																
WF01-MS-003	Provisional Acceptance for the Segment	0.0		31-May-20		31-Jul-20	0%	Provisional Acceptance for the Segment																																
<b>Transmission Line - WF02</b>		265.0	01-Aug-19	16-Oct-20	01-Dec-19	17-Oct-20	0%	17-Oct-20, Transmission Line- WF02																																
WF02-CIV	Civil work on access roads and structure pads	26.0	28-Sep-19	23-Oct-19	13-Jan-20	08-Feb-20	0%	Civil work on access roads and structure pads																																
WF02-ROW	ROW Clearing	26.0	28-Sep-19	23-Oct-19	13-Jan-20	08-Feb-20	0%	ROW Clearing																																
WF02-FDN	Foundation and Anchor Installation	29.0	30-Oct-19	24-Nov-19	06-Feb-20	06-Mar-20	0%	Foundation and Anchor Installation																																
WF02-ASY	Structure Assembly	38.2	08-Jan-20	15-Feb-20	20-Feb-20	30-Mar-20	0%	Structure Assembly																																
WF02-ERC	Structure Erection	52.9	19-Feb-20	21-May-20	28-Feb-20	04-Jun-20	0%	Structure Erection																																
WF02-OPG	OPGW/OHGW Installation	32.0	24-May-20	24-Jun-20	25-Jul-20	25-Aug-20	0%	OPGW/OHGW Installation																																
WF02-STG	Conductor Installation	32.0	24-May-20	24-Jun-20	25-Jul-20	25-Aug-20	0%	Conductor Installation																																
WF02-RCL	Reclamation	25.0	22-Sep-20	16-Oct-20	23-Sep-20	17-Oct-20	0%	Reclamation																																
<b>Milestones</b>		222.2	01-Aug-19	04-Jul-20	01-Dec-19	05-Sep-20	0%	05-Sep-20, Milestones																																
WF02-MS-001	Construction Access Available by owner	0.0	01-Aug-19		01-Dec-19*		0%	Construction Access Available by owner																																
WF02-MS-003	Provisional Acceptance for the Segment	0.0		04-Jul-20		05-Sep-20	0%	Provisional Acceptance for the Segment																																
<b>Transmission Line - WF03</b>		306.0	11-Aug-19	25-Nov-20	01-Dec-19	27-Nov-20	0%	27-Nov-20, Transmission Line- WF03																																
WF03-CIV	Civil work on access roads and structure pads	71.0	24-Oct-19	08-Dec-19	01-Dec-19	22-Feb-20	0%	Civil work on access roads and structure pads																																
WF03-ROW	ROW Clearing	65.0	24-Oct-19	08-Dec-19	01-Dec-19	16-Feb-20	0%	ROW Clearing																																
WF03-ASY	Structure Assembly	84.7	15-Feb-20	10-Jun-20	16-May-20	08-Aug-20	0%	Structure Assembly																																
WF03-FDN	Foundation and Anchor Installation	58.0	24-Nov-19	23-Jan-20	16-May-20	12-Jul-20	0%	Foundation and Anchor Installation																																
WF03-ERC	Structure Erection	76.5	22-May-20	17-Jul-20	04-Jun-20	20-Aug-20	0%	Structure Erection																																
WF03-OPG	OPGW/OHGW Installation	53.0	24-Jun-20	16-Aug-20	26-Aug-20	17-Oct-20	0%	OPGW/OHGW Installation																																
WF03-STG	Conductor Installation	54.0	24-Jun-20	16-Aug-20	26-Aug-20	18-Oct-20	0%	Conductor Installation																																
WF03-RCL	Reclamation	41.0	16-Oct-20	25-Nov-20	18-Oct-20	27-Nov-20	0%	Reclamation																																
<b>Milestones</b>		272.0	11-Aug-19	23-Aug-20	01-Dec-19	24-Oct-20	0%	24-Oct-20, Milestones																																
WF03-MS-001	Construction Access Available by owner	0.0	11-Aug-19		01-Dec-19*		0%	Construction Access Available by owner																																
WF03-MS-003	Provisional Acceptance for the Segment	0.0		23-Aug-20		24-Oct-20	0%	Provisional Acceptance for the Segment																																
<b>Transmission Line - WF04</b>		372.0	06-Oct-19	13-Feb-21	01-Dec-19	14-Feb-21	0%	14-Feb-21, Transmission Line- WF04																																
WF04-CIV	Civil work on access roads and structure pads	255.0	08-Dec-19	25-Nov-20	17-Feb-20	11-Dec-20	0%	Civil work on access roads and structure pads																																
WF04-ROW	ROW Clearing	31.0	08-Dec-19	10-Dec-19	17-Feb-20	18-Mar-20	0%	ROW Clearing																																
WF04-FDN	Foundation and Anchor Installation	96.0	24-Jan-20	24-Jan-20	15-Mar-20	01-Aug-20	0%	Foundation and Anchor Installation																																
WF04-ASY	Structure Assembly	103.6	10-Jun-20	12-Dec-20	30-Mar-20	24-Aug-20	0%	Structure Assembly																																
WF04-ERC	Structure Erection	122.6	18-Jul-20	12-Jan-21	20-Aug-20	20-Dec-20	0%	Structure Erection																																
WF04-OPG	OPGW/OHGW Installation	87.0	16-Aug-20	04-Feb-21	19-Oct-20	26-Jan-21	0%	OPGW/OHGW Installation																																
WF04-STG	Conductor Installation	87.0	16-Aug-20	04-Feb-21	19-Oct-20	26-Jan-21	0%	Conductor Installation																																
WF04-RCL	Reclamation	66.0	26-Nov-20	13-Feb-21	28-Nov-20	14-Feb-21	0%	Reclamation																																
<b>Milestones</b>		360.0	06-Oct-19	11-Feb-21	01-Dec-19	02-Feb-21	0%	02-Feb-21, Milestones																																
WF04-MS-001	Construction Access Available by owner	0.0	06-Oct-19		01-Dec-19*		0%	Construction Access Available by owner																																
WF04-MS-003	Provisional Acceptance for the Segment	0.0		11-Feb-21		02-Feb-21	0%	Provisional Acceptance for the Segment																																
<b>Transmission Line - WF05</b>		383.0	20-Oct-19	25-Mar-21	08-Jan-20	22-Mar-21	0%	22-Mar-21, Transmission Line- WF05																																
WF05-CIV	Civil work on access roads and structure pads	263.0	11-Dec-19	14-Jan-21	19-Mar-20	01-Feb-21	0%	Civil work on access roads and structure pads																																
WF05-ROW	ROW Clearing	0.0	11-Dec-19	11-Dec-19	19-Mar-20	19-Mar-20	0%	ROW Clearing																																
WF05-FDN	Foundation and Anchor Installation	180.4	18-Jan-20	07-Mar-20	27-Mar-20	06-Nov-20	0%	Foundation and Anchor Installation																																
WF05-ASY	Structure Assembly	177.0	13-Dec-20	10-Feb-21	25-May-20	18-Nov-20	0%	Structure Assembly																																
WF05-ERC	Structure Erection	45.0	13-Jan-21	26-Feb-21	03-Jan-21	16-Feb-21	0%	Structure Erection																																
WF05-OPG	OPGW/OHGW Installation	41.1	05-Feb-21	18-Mar-21	27-Jan-21	09-Mar-21	0%	OPGW/OHGW Installation																																
WF05-STG	Conductor Installation	41.1	05-Feb-21	18-Mar-21	27-Jan-21	09-Mar-21	0%	Conductor Installation																																
WF05-RCL	Reclamation	36.0	14-Feb-21	23-Mar-21	15-Feb-21	22-Mar-21	0%	Reclamation																																

- █ Remaining Level of Effort
- █ Critical Remaining Work
- █ Actual Work
- █ Remaining Work
- ◆ Milestone
- ▬ Summary



Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Start	Finish	Activity % Complete	2020												2021												2022										
								Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Milestones</b>								16-Mar-21, Milestones																																		
WF05-MS-001	Construction Access Available by owner	0.0	20-Oct-19		08-Jan-20*		0%	◆ Construction Access Available by owner																																		
WF05-MS-003	Provisional Acceptance for the Segment	0.0		25-Mar-21		16-Mar-21	0%	◆ Provisional Acceptance for the Segment																																		
<b>Transmission Line - WF06 (Caribou Zone)</b>								22-Mar-21, Transmission Line - WF06 (Caribou Zone)																																		
WF06-CIV	Civil work on access roads and structure pads	283.0	27-Jan-20	02-Feb-20	01-Dec-19	20-Feb-21	0%	Civil work on access roads and structure pads																																		
WF06-ROW	ROW Clearing	69.0	27-Jan-20	02-Feb-20	01-Dec-19	21-Feb-20	0%	ROW Clearing																																		
WF06-FDN	Foundation and Anchor Installation	93.9	03-Jan-20	17-Mar-20	10-Dec-19	27-Mar-20	0%	Foundation and Anchor Installation																																		
WF06-ASY	Structure Assembly	98.2	14-Jan-20	07-Apr-20	04-Jan-20	11-Apr-20	0%	Structure Assembly																																		
WF06-ERC	Structure Erection	103.0	26-Feb-21	26-Feb-21	13-Jan-20	25-Apr-20	0%	Structure Erection																																		
WF06-OPG	OPGW/OHGW Installation	68.9	15-Sep-20	09-Dec-20	02-Jan-21	11-Mar-21	0%	OPGW/OHGW Installation																																		
WF06-STG	Conductor Installation	69.0	15-Sep-20	09-Dec-20	02-Jan-21	11-Mar-21	0%	Conductor Installation																																		
WF06-RCL	Reclamation	47.0	01-Nov-20	17-Dec-20	04-Feb-21	22-Mar-21	0%	Reclamation																																		
<b>Milestones</b>								18-Mar-21, Milestones																																		
WF06-MS-001	Construction Access Available by owner	0.0	01-Dec-19		01-Dec-19*		0%	◆ Construction Access Available by owner																																		
WF06-MS-003	Provisional Acceptance for the Segment	0.0		16-Dec-20		18-Mar-21	0%	◆ Provisional Acceptance for the Segment																																		
<b>Transmission Line - WF07</b>								08-Jul-21, Transmission Line - WF07																																		
WF07-CIV	Civil work on access roads and structure pads	90.0	01-Aug-19	01-Dec-19	01-Dec-19	12-Mar-20	0%	Civil work on access roads and structure pads																																		
WF07-ROW	ROW Clearing	84.0	01-Aug-19	01-Dec-19	01-Dec-19	06-Mar-20	0%	ROW Clearing																																		
WF07-FDN	Foundation and Anchor Installation	65.0	16-May-20	31-Jul-20	06-Nov-20	23-Jan-21	0%	Foundation and Anchor Installation																																		
WF07-ASY	Structure Assembly	76.0	26-Jun-20	18-Aug-20	28-Nov-20	25-Feb-21	0%	Structure Assembly																																		
WF07-ERC	Structure Erection	69.0	01-Aug-20	19-Sep-20	16-Dec-20	08-Mar-21	0%	Structure Erection																																		
WF07-OPG	OPGW/OHGW Installation	71.0	10-Dec-20	24-Feb-21	15-Jan-21	27-Mar-21	0%	OPGW/OHGW Installation																																		
WF07-STG	Conductor Installation	71.0	10-Dec-20	24-Feb-21	15-Jan-21	27-Mar-21	0%	Conductor Installation																																		
WF07-RCL	Reclamation	54.0	24-Mar-21	28-Jun-21	16-May-21	08-Jul-21	0%	Reclamation																																		
<b>Milestones</b>								17-May-21, Milestones																																		
WF07-MS-001	Construction Access Available by owner	0.0	01-Aug-19		01-Dec-19*		0%	◆ Construction Access Available by owner																																		
WF07-MS-003	Provisional Acceptance for the Segment	0.0		03-Mar-21		17-May-21	0%	◆ Provisional Acceptance for the Segment																																		
<b>Transmission Line - WF08</b>								07-Aug-21, Transmission Line - WF08																																		
WF08-CIV	Civil work on access roads and structure pads	32.0	01-Aug-19	14-Sep-19	01-Dec-19	14-Jan-20	0%	Civil work on access roads and structure pads																																		
WF08-ROW	ROW Clearing	26.0	01-Aug-19	14-Sep-19	01-Dec-19	08-Jan-20	0%	ROW Clearing																																		
WF08-FDN	Foundation and Anchor Installation	40.0	01-Aug-20	03-Sep-20	23-Jan-21	04-Mar-21	0%	Foundation and Anchor Installation																																		
WF08-ASY	Structure Assembly	45.0	18-Aug-20	25-Sep-20	25-Feb-21	25-May-21	0%	Structure Assembly																																		
WF08-ERC	Structure Erection	47.0	19-Sep-20	05-Nov-20	08-Mar-21	07-Jun-21	0%	Structure Erection																																		
WF08-OPG	OPGW/OHGW Installation	38.0	24-Feb-21	30-Mar-21	27-Mar-21	17-Jun-21	0%	OPGW/OHGW Installation																																		
WF08-STG	Conductor Installation	38.0	24-Feb-21	30-Mar-21	27-Mar-21	17-Jun-21	0%	Conductor Installation																																		
WF08-RCL	Reclamation	29.5	29-Jun-21	28-Jul-21	09-Jul-21	07-Aug-21	0%	Reclamation																																		
<b>Milestones</b>								24-Jun-21, Milestones																																		
WF08-MS-001	Construction Access Available by owner	0.0	01-Aug-19		01-Dec-19*		0%	◆ Construction Access Available by owner																																		
WF08-MS-003	Provisional Acceptance for the Segment	0.0		20-May-21		24-Jun-21	0%	◆ Provisional Acceptance for the Segment																																		
<b>Transmission Line - WF09</b>								25-Sep-21, Transmission Line - WF09																																		
WF09-CIV	Civil work on access roads and structure pads	51.0	14-Sep-19	23-Nov-19	09-Jan-20	28-Feb-20	0%	Civil work on access roads and structure pads																																		
WF09-ROW	ROW Clearing	51.0	14-Sep-19	23-Nov-19	09-Jan-20	28-Feb-20	0%	ROW Clearing																																		
WF09-FDN	Foundation and Anchor Installation	60.0	03-Sep-20	23-Oct-20	04-Mar-21	16-Jun-21	0%	Foundation and Anchor Installation																																		
WF09-ASY	Structure Assembly	78.0	25-Sep-20	15-Nov-20	25-May-21	11-Aug-21	0%	Structure Assembly																																		
WF09-ERC	Structure Erection	79.0	05-Nov-20	08-Jan-21	07-Jun-21	25-Aug-21	0%	Structure Erection																																		
WF09-OPG	OPGW/OHGW Installation	86.3	30-Mar-21	08-Jul-21	17-Jun-21	11-Sep-21	0%	OPGW/OHGW Installation																																		
WF09-STG	Conductor Installation	86.3	30-Mar-21	08-Jul-21	17-Jun-21	11-Sep-21	0%	Conductor Installation																																		
WF09-RCL	Reclamation	49.0	28-Jul-21	14-Sep-21	07-Aug-21	25-Sep-21	0%	Reclamation																																		

█ Remaining Level of Effort     █ Critical Remaining Work  
█ Actual Work     ◆ Milestone  
█ Remaining Work     Summary

Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Start	Finish	Activity % Complete	2020												2021												2022											
								Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
<b>Milestones</b>								18-Sep-21, Milestones																																			
WF09-MS-001	Construction Access Available by owner	0.0	25-Aug-19	15-Jul-21	01-Dec-19*	18-Sep-21	0%	◆ Construction Access Available by owner																																			
WF09-MS-003	Provisional Acceptance for the Segment	0.0		15-Jul-21		18-Sep-21	0%	◆ Provisional Acceptance for the Segment																																			
<b>Transmission Line - WF10</b>								17-Nov-21, Transmission Line WF10																																			
WF10-CV	Civil work on access roads and structure pads	283.3	23-Nov-19	04-Jan-21	29-Feb-20	03-Feb-21	0%	Civil work on access roads and structure pads																																			
WF10-ROW	ROW Clearing	160.0	23-Nov-19	26-Jan-20	29-Feb-20	19-Sep-20	0%	ROW Clearing																																			
WF10-FDN	Foundation and Anchor Installation	162.6	03-Jan-20	23-Feb-20	13-Mar-20	06-Oct-20	0%	Foundation and Anchor Installation																																			
WF10-ASY	Structure Assembly	54.0	15-Nov-20	23-Jan-21	11-Aug-21	04-Oct-21	0%	Structure Assembly																																			
WF10-ERC	Structure Erection	55.0	08-Jan-21	27-Feb-21	25-Aug-21	19-Oct-21	0%	Structure Erection																																			
WF10-OPG	OPGW/OHGW Installation	60.1	08-Jul-21	17-Aug-21	11-Sep-21	10-Nov-21	0%	OPGW/OHGW Installation																																			
WF10-STG	Conductor Installation	60.1	08-Jul-21	17-Aug-21	11-Sep-21	10-Nov-21	0%	Conductor Installation																																			
WF10-RCL	Reclamation	49.3	14-Sep-21	17-Oct-21	25-Sep-21	13-Nov-21	0%	Reclamation																																			
<b>Milestones</b>								17-Nov-21, Milestones																																			
WF10-MS-001	Construction Access Available by owner	0.0	22-Sep-19	01-Dec-19*			0%	◆ Construction Access Available by owner																																			
WF10-MS-003	Provisional Acceptance for the Segment	0.0		24-Aug-21		17-Nov-21	0%	◆ Provisional Acceptance for the Segment																																			
<b>Transmission Line - WF11</b>								16-Jan-22, Transmission Line WF11																																			
WF11-ROW	ROW Clearing	21.0	26-Jan-20	11-Jul-20	20-Sep-20	10-Oct-20	0%	ROW Clearing																																			
WF11-CV	Civil work on access roads and structure pads	144.3	26-Jan-20	23-Jan-21	20-Sep-20	24-Feb-21	0%	Civil work on access roads and structure pads																																			
WF11-FDN	Foundation and Anchor Installation	227.3	24-Feb-20	29-Nov-20	06-Oct-20	17-Jul-21	0%	Foundation and Anchor Installation																																			
WF11-ASY	Structure Assembly	69.0	23-Jan-21	16-May-21	04-Oct-21	12-Dec-21	0%	Structure Assembly																																			
WF11-ERC	Structure Erection	64.0	27-Feb-21	31-Jul-21	19-Oct-21	22-Dec-21	0%	Structure Erection																																			
WF11-OPG	OPGW/OHGW Installation	60.2	17-Aug-21	28-Sep-21	10-Nov-21	09-Jan-22	0%	OPGW/OHGW Installation																																			
WF11-STG	Conductor Installation	60.2	17-Aug-21	28-Sep-21	10-Nov-21	09-Jan-22	0%	Conductor Installation																																			
WF11-RCL	Reclamation	62.4	18-Oct-21	30-Nov-21	13-Nov-21	15-Jan-22	0%	Reclamation																																			
<b>Milestones</b>								16-Jan-22, Milestones																																			
WF11-MS-001	Construction Access Available by owner	0.0	08-Sep-19	13-Jan-20*			0%	◆ Construction Access Available by owner																																			
WF11-MS-003	Provisional Acceptance for the Segment	0.0		05-Oct-21		16-Jan-22	0%	◆ Provisional Acceptance for the Segment																																			
<b>General Construction Milestones</b>								15-May-21, General Construction Milestones																																			
GEN-001-MLS	2020 Spring Breakup Finish- Apr 1 to May 15, 2020	0.0			15-May-20*		0%	◆ 2020 Spring Breakup Finish- Apr 1 to May 15, 2020																																			
GEN-002-MLS	2020 Bat Swarming Finish- Aug 1 to Aug 31, 2020	0.0			31-Aug-20*		0%	◆ 2020 Bat Swarming Finish- Aug 1 to Aug 31, 2020																																			
GEN-003-MLS	2nd Season Access Construction Start	0.0			01-Dec-20*		0%	◆ 2nd Season Access Construction Start																																			
GEN-004-MLS	2021 Spring Breakup Finish- Apr 1 to May 15, 2021	0.0			15-May-21*		0%	◆ 2021 Spring Breakup Finish- Apr 1 to May 15, 2021																																			
<b>WF01 - Pull Segment 01 - A001:A002</b>								01-Aug-20, WF01 - Pull Segment 01- A001:A002																																			
WF01-S01-CIV	Civil work on access roads and structure pads	0.8	01-Aug-19	01-Aug-20	01-Dec-19	01-Dec-19	0%	Civil work on access roads and structure pads																																			
WF01-S01-ROW	ROW Clearing	0.8	01-Aug-19	01-Aug-19	01-Dec-19	01-Dec-19	0%	ROW Clearing																																			
WF01-S01-FDN	Foundation and Anchor Installation	1.4	01-Sep-19	02-Sep-19	08-Dec-19	10-Dec-19	0%	Foundation and Anchor Installation																																			
WF01-S01-ASY	Structure Assembly	1.0	01-Nov-19	01-Nov-19	15-Dec-19	16-Dec-19	0%	Structure Assembly																																			
WF01-S01-ERC	Structure Erection	1.2	03-Jan-20	04-Jan-20	05-Jan-20	06-Jan-20	0%	Structure Erection																																			
WF01-S01-GRD	Grounding	7.0	04-Jan-20	11-Jan-20	07-Jan-20	13-Jan-20	0%	Grounding																																			
WF01-S01-OPG	OPGW/OHGW Installation	0.9	01-Feb-20	01-Feb-20	16-May-20	16-May-20	0%	OPGW/OHGW Installation																																			
WF01-S01-STG	Conductor Installation	0.9	01-Feb-20	01-Feb-20	16-May-20	16-May-20	0%	Conductor Installation																																			
WF01-S01-RCL	Reclamation	0.7	01-Aug-20	01-Aug-20	01-Aug-20*	01-Aug-20	0%	Reclamation																																			
<b>WF01 - Pull Segment 02 - A003:A019</b>								07-Aug-20, WF01 - Pull Segment 02- A003:A019																																			
WF01-S02-CIV	Civil work on access roads and structure pads	6.8	01-Aug-19	08-Aug-19	04-Nov-19 A	21-Nov-19 A	100%	Civil work on access roads and structure pads																																			
WF01-S02-ROW	ROW Clearing	6.8	01-Aug-19	08-Aug-19	05-Nov-19 A	14-Nov-19 A	100%	ROW Clearing																																			
WF01-S02-ASY	Structure Assembly	6.3	02-Nov-19	08-Nov-19	11-Nov-19 A	02-Dec-19	70.59%	Structure Assembly																																			
WF01-S02-FDN	Foundation and Anchor Installation	6.5	02-Sep-19	08-Sep-19	11-Nov-19 A	02-Dec-19	76.47%	Foundation and Anchor Installation																																			
WF01-S02-ERC	Structure Erection	4.5	04-Jan-20	08-Jan-20	07-Jan-20	11-Jan-20	0%	Structure Erection																																			
WF01-S02-GRD	Grounding	7.0	08-Jan-20	15-Jan-20	11-Jan-20	18-Jan-20	0%	Grounding																																			

█ Remaining Level of Effort    █ Critical Remaining Work  
█ Actual Work    ◆ Milestone  
█ Remaining Work    Summary











Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Start	Finish	Activity % Complete	2020												2021												2022				
								Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
<b>WF05 - Pull Segment 24 - C035:C059</b>		323.3	13-Dec-19	23-Feb-21	23-Mar-20	23-Feb-21		23-Feb-21, WF05- Pull Segment 24- C035:C059																												
WF05-S24-CIV	Civil work on access roads and structure pads 1st Season	14.7	13-Dec-19	04-Jan-20	23-Mar-20	20-May-20	0%	Civil work on access roads and structure pads 1st Season																												
WF05-S24-ROW	ROW Clearing 1st Season	14.7	13-Dec-19	04-Jan-20	23-Mar-20	06-Sep-20	0%	ROW Clearing 1st Season																												
WF05-S24-FDN	Foundation and Anchor Installation	13.4	20-Jan-20	03-Feb-20	06-Sep-20	20-Sep-20	0%	Foundation and Anchor Installation																												
WF05-S24-ASY	Structure Assembly	12.0	15-Dec-20	09-Jan-21	27-Sep-20	09-Oct-20	0%	Structure Assembly																												
WF05-S24-CIV10	Civil work on access roads and structure pads 2nd Season	8.9	28-Nov-20	07-Dec-20	14-Dec-20	05-Jan-21	0%	Civil work on access roads and structure pads 2nd Season																												
WF05-S24-ERC	Structure Erection	12.2	15-Jan-21	27-Jan-21	05-Jan-21	17-Jan-21	0%	Structure Erection																												
WF05-S24-GRD	Grounding	7.0	27-Jan-21	03-Feb-21	17-Jan-21	24-Jan-21	0%	Grounding																												
WF05-S24-OPG	OPGW/OHGW Installation	9.9	07-Feb-21	17-Feb-21	29-Jan-21	08-Feb-21	0%	OPGW/OHGW Installation																												
WF05-S24-STG	Conductor Installation	9.9	07-Feb-21	17-Feb-21	29-Jan-21	08-Feb-21	0%	Conductor Installation																												
WF05-S24-RCL	Reclamation	6.0	17-Feb-21	23-Feb-21	17-Feb-21	23-Feb-21	0%	Reclamation																												
<b>WF05 - Pull Segment 25 - C060:C072</b>		160.6	04-Jan-20	28-Feb-21	06-Sep-20	28-Feb-21		28-Feb-21, WF05- Pull Segment 25- C060:C072																												
WF05-S25-CIV	Civil work on access roads and structure pads 1st Season	8.3	04-Jan-20	09-Jan-20	06-Sep-20	14-Sep-20	0%	Civil work on access roads and structure pads 1st Season																												
WF05-S25-ROW	ROW Clearing 1st Season	8.3	04-Jan-20	09-Jan-20	06-Sep-20	14-Sep-20	0%	ROW Clearing 1st Season																												
WF05-S25-FDN	Foundation and Anchor Installation	7.6	03-Feb-20	10-Feb-20	22-Sep-20	29-Sep-20	0%	Foundation and Anchor Installation																												
WF05-S25-ASY	Structure Assembly	6.0	09-Jan-21	16-Jan-21	09-Oct-20	15-Oct-20	0%	Structure Assembly																												
WF05-S25-CIV10	Civil work on access roads and structure pads 2nd Season	5.3	07-Dec-20	12-Dec-20	05-Jan-21	10-Jan-21	0%	Civil work on access roads and structure pads 2nd Season																												
WF05-S25-ERC	Structure Erection	7.0	27-Jan-21	03-Feb-21	17-Jan-21	24-Jan-21	0%	Structure Erection																												
WF05-S25-GRD	Grounding	7.0	03-Feb-21	10-Feb-21	24-Jan-21	31-Jan-21	0%	Grounding																												
WF05-S25-OPG	OPGW/OHGW Installation	5.9	17-Feb-21	23-Feb-21	08-Feb-21	14-Feb-21	0%	OPGW/OHGW Installation																												
WF05-S25-STG	Conductor Installation	5.9	17-Feb-21	23-Feb-21	08-Feb-21	14-Feb-21	0%	Conductor Installation																												
WF05-S25-RCL	Reclamation	5.0	23-Feb-21	28-Feb-21	23-Feb-21	28-Feb-21	0%	Reclamation																												
<b>WF05 - Pull Segment 26 - C073:C096</b>		159.5	09-Jan-20	12-Mar-21	15-Sep-20	07-Mar-21		07-Mar-21, WF05- Pull Segment 26- C073:C096																												
WF05-S26-CIV	Civil work on access roads and structure pads 1st Season	14.0	09-Jan-20	18-Jan-20	15-Sep-20	28-Sep-20	0%	Civil work on access roads and structure pads 1st Season																												
WF05-S26-ROW	ROW Clearing 1st Season	14.0	09-Jan-20	18-Jan-20	15-Sep-20	28-Sep-20	0%	ROW Clearing 1st Season																												
WF05-S26-FDN	Foundation and Anchor Installation	12.7	10-Feb-20	23-Feb-20	03-Oct-20	15-Oct-20	0%	Foundation and Anchor Installation																												
WF05-S26-ASY	Structure Assembly	10.5	16-Jan-21	28-Jan-21	15-Oct-20	26-Oct-20	0%	Structure Assembly																												
WF05-S26-CIV10	Civil work on access roads and structure pads 2nd Season	8.9	12-Dec-20	03-Jan-21	10-Jan-21	19-Jan-21	0%	Civil work on access roads and structure pads 2nd Season																												
WF05-S26-ERC	Structure Erection	11.6	03-Feb-21	15-Feb-21	24-Jan-21	05-Feb-21	0%	Structure Erection																												
WF05-S26-GRD	Grounding	7.0	15-Feb-21	22-Feb-21	05-Feb-21	12-Feb-21	0%	Grounding																												
WF05-S26-OPG	OPGW/OHGW Installation	9.9	23-Feb-21	05-Mar-21	14-Feb-21	24-Feb-21	0%	OPGW/OHGW Installation																												
WF05-S26-STG	Conductor Installation	9.9	23-Feb-21	05-Mar-21	14-Feb-21	24-Feb-21	0%	Conductor Installation																												
WF05-S26-RCL	Reclamation	7.2	05-Mar-21	12-Mar-21	28-Feb-21	07-Mar-21	0%	Reclamation																												
<b>WF05 - Pull Segment 27 - C097:C121</b>		153.5	18-Jan-20	22-Mar-21	29-Sep-20	15-Mar-21		15-Mar-21, WF05- Pull Segment 27- C097:C121																												
WF05-S27-CIV	Civil work on access roads and structure pads 1st Season	15.9	18-Jan-20	27-Jan-20	29-Sep-20	14-Oct-20	0%	Civil work on access roads and structure pads 1st Season																												
WF05-S27-ROW	ROW Clearing 1st Season	15.9	18-Jan-20	27-Jan-20	29-Sep-20	14-Oct-20	0%	ROW Clearing 1st Season																												
WF05-S27-FDN	Foundation and Anchor Installation	12.4	23-Feb-20	06-Mar-20	18-Oct-20	31-Oct-20	0%	Foundation and Anchor Installation																												
WF05-S27-ASY	Structure Assembly	11.8	28-Jan-21	08-Feb-21	26-Oct-20	06-Nov-20	0%	Structure Assembly																												
WF05-S27-CIV10	Civil work on access roads and structure pads 2nd Season	8.9	03-Jan-21	12-Jan-21	19-Jan-21	28-Jan-21	0%	Civil work on access roads and structure pads 2nd Season																												
WF05-S27-ERC	Structure Erection	11.1	15-Feb-21	26-Feb-21	05-Feb-21	16-Feb-21	0%	Structure Erection																												
WF05-S27-GRD	Grounding	7.0	26-Feb-21	05-Mar-21	16-Feb-21	23-Feb-21	0%	Grounding																												
WF05-S27-OPG	OPGW/OHGW Installation	9.9	05-Mar-21	15-Mar-21	24-Feb-21	06-Mar-21	0%	OPGW/OHGW Installation																												
WF05-S27-STG	Conductor Installation	9.9	05-Mar-21	15-Mar-21	24-Feb-21	06-Mar-21	0%	Conductor Installation																												
WF05-S27-RCL	Reclamation	8.0	15-Mar-21	22-Mar-21	07-Mar-21	15-Mar-21	0%	Reclamation																												
<b>WF05 - Pull Segment 28A - C122:C128</b>		145.1	27-Jan-20	23-Mar-21	14-Oct-20	22-Mar-21		22-Mar-21, WF05- Pull Segment 28A- C122:C128																												
WF05-S28A-CIV	Civil work on access roads and structure pads 1st Season	5.1	27-Jan-20	29-Jan-20	14-Oct-20	19-Oct-20	0%	Civil work on access roads and structure pads 1st Season																												
WF05-S28A-ROW	ROW Clearing 1st Season	5.1	27-Jan-20	29-Jan-20	14-Oct-20	19-Oct-20	0%	ROW Clearing 1st Season																												
WF05-S28A-FDN	Foundation and Anchor Installation	6.1	06-Mar-20	07-Mar-20	31-Oct-20	06-Nov-20	0%	Foundation and Anchor Installation																												
WF05-S28A-ASY	Structure Assembly	4.7	09-Feb-21	10-Feb-21	13-Nov-20	18-Nov-20	0%	Structure Assembly																												

█ Remaining Level of Effort     █ Critical Remaining Work  
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█ Remaining Work      Summary











Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Start	Finish	Activity % Complete	2020												2021												2022				
								Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
WF08-S45B-CIV	Civil work on access roads and structure pads	1.1	01-Aug-19	02-Aug-19	01-Dec-19	02-Dec-19	0%	Civil work on access roads and structure pads																												
WF08-S45B-ROW	ROW Clearing	1.1	01-Aug-19	02-Aug-19	01-Dec-19	02-Dec-19	0%	ROW Clearing																												
WF08-S45B-FDN	Foundation and Anchor Installation	1.0	01-Aug-20	01-Aug-20	23-Jan-21	24-Jan-21	0%													Foundation and Anchor Installation																
WF08-S45B-ASY	Structure Assembly	1.0	18-Aug-20	19-Aug-20	25-Feb-21	26-Feb-21	0%													Structure Assembly																
WF08-S45B-ERC	Structure Erection	1.0	19-Sep-20	20-Sep-20	08-Mar-21	09-Mar-21	0%													Structure Erection																
WF08-S45B-GRD	Grounding	7.0	20-Sep-20	27-Sep-20	09-Mar-21	16-Mar-21	0%													Grounding																
WF08-S45B-OPG	OPGW/OHGW Installation	1.1	24-Feb-21	25-Feb-21	27-Mar-21	28-Mar-21	0%													OPGW/OHGW Installation																
WF08-S45B-STG	Conductor Installation	1.1	24-Feb-21	25-Feb-21	27-Mar-21	28-Mar-21	0%													Conductor Installation																
WF08-S45B-RCL	Reclamation	0.9	29-Jun-21	29-Jun-21	09-Jul-21	09-Jul-21	0%													Reclamation																
<b>WF08 - Pull Segment 46 - E005:E012</b>		<b>561.5</b>	<b>02-Aug-19</b>	<b>02-Jul-21</b>	<b>02-Dec-19</b>	<b>12-Jul-21</b>		→												12-Jul-21, WF08 - Pull Segment 46- E005:E012																
WF08-S46-CIV	Civil work on access roads and structure pads	3.2	02-Aug-19	06-Aug-19	02-Dec-19	05-Dec-19	0%	Civil work on access roads and structure pads																												
WF08-S46-ROW	ROW Clearing	3.2	02-Aug-19	06-Aug-19	02-Dec-19	05-Dec-19	0%	ROW Clearing																												
WF08-S46-FDN	Foundation and Anchor Installation	3.0	02-Aug-20	03-Aug-20	24-Jan-21	27-Jan-21	0%													Foundation and Anchor Installation																
WF08-S46-ASY	Structure Assembly	4.0	19-Aug-20	22-Aug-20	26-Feb-21	02-Mar-21	0%													Structure Assembly																
WF08-S46-ERC	Structure Erection	4.0	20-Sep-20	22-Sep-20	09-Mar-21	13-Mar-21	0%													Structure Erection																
WF08-S46-GRD	Grounding	7.0	22-Sep-20	29-Sep-20	13-Mar-21	20-Mar-21	0%													Grounding																
WF08-S46-OPG	OPGW/OHGW Installation	3.1	25-Feb-21	28-Feb-21	28-Mar-21	31-Mar-21	0%													OPGW/OHGW Installation																
WF08-S46-STG	Conductor Installation	3.1	25-Feb-21	28-Feb-21	28-Mar-21	31-Mar-21	0%													Conductor Installation																
WF08-S46-RCL	Reclamation	2.7	29-Jun-21	02-Jul-21	09-Jul-21	12-Jul-21	0%													Reclamation																
<b>WF08 - Pull Segment 47 - E013:E019</b>		<b>560.6</b>	<b>06-Aug-19</b>	<b>04-Jul-21</b>	<b>05-Dec-19</b>	<b>14-Jul-21</b>		→												14-Jul-21, WF08 - Pull Segment 47- E013:E019																
WF08-S47-CIV	Civil work on access roads and structure pads	2.8	06-Aug-19	09-Aug-19	05-Dec-19	08-Dec-19	0%	Civil work on access roads and structure pads																												
WF08-S47-ROW	ROW Clearing	2.8	06-Aug-19	09-Aug-19	05-Dec-19	08-Dec-19	0%	ROW Clearing																												
WF08-S47-FDN	Foundation and Anchor Installation	4.0	03-Aug-20	06-Aug-20	27-Jan-21	31-Jan-21	0%													Foundation and Anchor Installation																
WF08-S47-ASY	Structure Assembly	4.0	22-Aug-20	25-Aug-20	02-Mar-21	06-Mar-21	0%													Structure Assembly																
WF08-S47-ERC	Structure Erection	4.0	22-Sep-20	27-Sep-20	13-Mar-21	17-Mar-21	0%													Structure Erection																
WF08-S47-GRD	Grounding	7.0	27-Sep-20	04-Oct-20	17-Mar-21	24-Mar-21	0%													Grounding																
WF08-S47-OPG	OPGW/OHGW Installation	2.7	28-Feb-21	02-Mar-21	31-Mar-21	17-May-21	0%													OPGW/OHGW Installation																
WF08-S47-STG	Conductor Installation	2.7	28-Feb-21	02-Mar-21	31-Mar-21	17-May-21	0%													Conductor Installation																
WF08-S47-RCL	Reclamation	2.3	02-Jul-21	04-Jul-21	12-Jul-21	14-Jul-21	0%													Reclamation																
<b>WF08 - Pull Segment 48 - E020:E035</b>		<b>562.5</b>	<b>09-Aug-19</b>	<b>09-Jul-21</b>	<b>08-Dec-19</b>	<b>19-Jul-21</b>		→												19-Jul-21, WF08 - Pull Segment 48- E020:E035																
WF08-S48-CIV	Civil work on access roads and structure pads	4.7	09-Aug-19	16-Aug-19	08-Dec-19	12-Dec-19	0%	Civil work on access roads and structure pads																												
WF08-S48-ROW	ROW Clearing	4.7	09-Aug-19	16-Aug-19	08-Dec-19	12-Dec-19	0%	ROW Clearing																												
WF08-S48-FDN	Foundation and Anchor Installation	7.0	06-Aug-20	17-Aug-20	31-Jan-21	07-Feb-21	0%													Foundation and Anchor Installation																
WF08-S48-ASY	Structure Assembly	8.0	25-Aug-20	03-Sep-20	06-Mar-21	14-Mar-21	0%													Structure Assembly																
WF08-S48-ERC	Structure Erection	8.0	27-Sep-20	13-Oct-20	17-Mar-21	25-Mar-21	0%													Structure Erection																
WF08-S48-GRD	Grounding	7.0	13-Oct-20	20-Oct-20	25-Mar-21	15-May-21	0%													Grounding																
WF08-S48-OPG	OPGW/OHGW Installation	5.5	03-Mar-21	08-Mar-21	17-May-21	22-May-21	0%													OPGW/OHGW Installation																
WF08-S48-STG	Conductor Installation	5.5	03-Mar-21	08-Mar-21	17-May-21	22-May-21	0%													Conductor Installation																
WF08-S48-RCL	Reclamation	4.7	04-Jul-21	09-Jul-21	14-Jul-21	19-Jul-21	0%													Reclamation																
<b>WF08 - Pull Segment 49 - E036:E050</b>		<b>563.0</b>	<b>17-Aug-19</b>	<b>14-Jul-21</b>	<b>12-Dec-19</b>	<b>24-Jul-21</b>		→												24-Jul-21, WF08 - Pull Segment 49- E036:E050																
WF08-S49-CIV	Civil work on access roads and structure pads	5.0	17-Aug-19	24-Aug-19	12-Dec-19	17-Dec-19	0%	Civil work on access roads and structure pads																												
WF08-S49-ROW	ROW Clearing	5.0	17-Aug-19	24-Aug-19	12-Dec-19	17-Dec-19	0%	ROW Clearing																												
WF08-S49-FDN	Foundation and Anchor Installation	2.6	17-Aug-20	21-Aug-20	07-Feb-21	09-Feb-21	0%													Foundation and Anchor Installation																
WF08-S49-ASY	Structure Assembly	7.0	04-Sep-20	09-Sep-20	14-Mar-21	21-Mar-21	0%													Structure Assembly																
WF08-S49-ERC	Structure Erection	8.0	13-Oct-20	19-Oct-20	25-Mar-21	16-May-21	0%													Structure Erection																
WF08-S49-GRD	Grounding	7.0	19-Oct-20	26-Oct-20	16-May-21	23-May-21	0%													Grounding																
WF08-S49-OPG	OPGW/OHGW Installation	6.1	08-Mar-21	14-Mar-21	23-May-21	29-May-21	0%													OPGW/OHGW Installation																
WF08-S49-STG	Conductor Installation	6.1	08-Mar-21	14-Mar-21	23-May-21	29-May-21	0%													Conductor Installation																
WF08-S49-RCL	Reclamation	5.2	09-Jul-21	14-Jul-21	19-Jul-21	24-Jul-21	0%													Reclamation																

█ Remaining Level of Effort     █ Critical Remaining Work  
█ Actual Work     ◆ Milestone  
█ Remaining Work     **→** Summary

Activity ID	Activity Name	Original Duration	BL Project Start	BL Project Finish	Start	Finish	Activity % Complete	2020												2021												2022											
								Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
<b>WF08 - Pull Segment 50 - E051:E057</b>		560.4	24-Aug-19	17-Jul-21	17-Dec-19	27-Jul-21		27-Jul-21, WF08 - Pull Segment 50- E051:E057																																			
WF08-S50-CIV	Civil work on access roads and structure pads	2.9	24-Aug-19	28-Aug-19	17-Dec-19	20-Dec-19	0%	Civil work on access roads and structure pads																																			
WF08-S50-ROW	ROW Clearing	2.9	24-Aug-19	28-Aug-19	17-Dec-19	20-Dec-19	0%	ROW Clearing																																			
WF08-S50-FDN	Foundation and Anchor Installation	6.0	21-Aug-20	23-Aug-20	10-Feb-21	15-Feb-21	0%	Foundation and Anchor Installation																																			
WF08-S50-ASY	Structure Assembly	4.0	09-Sep-20	12-Sep-20	21-Mar-21	25-Mar-21	0%	Structure Assembly																																			
WF08-S50-ERC	Structure Erection	4.0	19-Oct-20	21-Oct-20	16-May-21	20-May-21	0%	Structure Erection																																			
WF08-S50-GRD	Grounding	7.0	22-Oct-20	28-Oct-20	20-May-21	27-May-21	0%	Grounding																																			
WF08-S50-OPG	OPGW/OHGW Installation	4.8	14-Mar-21	17-Mar-21	29-May-21	03-Jun-21	0%	OPGW/OHGW Installation																																			
WF08-S50-STG	Conductor Installation	4.8	14-Mar-21	17-Mar-21	29-May-21	03-Jun-21	0%	Conductor Installation																																			
WF08-S50-RCL	Reclamation	2.4	14-Jul-21	17-Jul-21	24-Jul-21	27-Jul-21	0%	Reclamation																																			
<b>WF08 - Pull Segment 51 - E058:E072</b>		562.4	28-Aug-19	22-Jul-21	20-Dec-19	01-Aug-21		01-Aug-21, WF08 - Pull Segment 51- E058:E072																																			
WF08-S51-CIV	Civil work on access roads and structure pads	5.0	28-Aug-19	04-Sep-19	20-Dec-19	07-Jan-20	0%	Civil work on access roads and structure pads																																			
WF08-S51-ROW	ROW Clearing	5.0	28-Aug-19	04-Sep-19	20-Dec-19	01-Jan-20	0%	ROW Clearing																																			
WF08-S51-FDN	Foundation and Anchor Installation	7.4	23-Aug-20	28-Aug-20	16-Feb-21	23-Feb-21	0%	Foundation and Anchor Installation																																			
WF08-S51-ASY	Structure Assembly	7.0	12-Sep-20	17-Sep-20	25-Mar-21	15-May-21	0%	Structure Assembly																																			
WF08-S51-ERC	Structure Erection	8.0	22-Oct-20	27-Oct-20	20-May-21	28-May-21	0%	Structure Erection																																			
WF08-S51-GRD	Grounding	7.0	27-Oct-20	03-Nov-20	28-May-21	04-Jun-21	0%	Grounding																																			
WF08-S51-OPG	OPGW/OHGW Installation	5.0	17-Mar-21	23-Mar-21	04-Jun-21	09-Jun-21	0%	OPGW/OHGW Installation																																			
WF08-S51-STG	Conductor Installation	5.0	17-Mar-21	23-Mar-21	04-Jun-21	09-Jun-21	0%	Conductor Installation																																			
WF08-S51-RCL	Reclamation	4.9	17-Jul-21	22-Jul-21	27-Jul-21	01-Aug-21	0%	Reclamation																																			
<b>WF08 - Pull Segment 52 - E073:E083</b>		565.5	05-Sep-19	25-Jul-21	01-Jan-20	04-Aug-21		04-Aug-21, WF08 - Pull Segment 52- E073:E083																																			
WF08-S52-ROW	ROW Clearing	4.0	05-Sep-19	10-Sep-19	01-Jan-20	05-Jan-20	0%	ROW Clearing																																			
WF08-S52-CIV	Civil work on access roads and structure pads	4.0	05-Sep-19	10-Sep-19	07-Jan-20	11-Jan-20	0%	Civil work on access roads and structure pads																																			
WF08-S52-FDN	Foundation and Anchor Installation	5.0	28-Aug-20	31-Aug-20	23-Feb-21	28-Feb-21	0%	Foundation and Anchor Installation																																			
WF08-S52-ASY	Structure Assembly	6.0	17-Sep-20	22-Sep-20	15-May-21	21-May-21	0%	Structure Assembly																																			
WF08-S52-ERC	Structure Erection	5.0	27-Oct-20	02-Nov-20	28-May-21	02-Jun-21	0%	Structure Erection																																			
WF08-S52-GRD	Grounding	7.0	02-Nov-20	09-Nov-20	02-Jun-21	09-Jun-21	0%	Grounding																																			
WF08-S52-OPG	OPGW/OHGW Installation	4.0	23-Mar-21	27-Mar-21	09-Jun-21	13-Jun-21	0%	OPGW/OHGW Installation																																			
WF08-S52-STG	Conductor Installation	4.0	23-Mar-21	27-Mar-21	09-Jun-21	13-Jun-21	0%	Conductor Installation																																			
WF08-S52-RCL	Reclamation	3.4	22-Jul-21	25-Jul-21	01-Aug-21	04-Aug-21	0%	Reclamation																																			
<b>WF08 - Pull Segment 53A - E084:E091</b>		565.8	10-Sep-19	28-Jul-21	05-Jan-20	07-Aug-21		07-Aug-21, WF08 - Pull Segment 53A- E084:E091																																			
WF08-S53A-ROW	ROW Clearing	3.3	10-Sep-19	14-Sep-19	05-Jan-20	08-Jan-20	0%	ROW Clearing																																			
WF08-S53A-CIV	Civil work on access roads and structure pads	3.3	10-Sep-19	14-Sep-19	11-Jan-20	14-Jan-20	0%	Civil work on access roads and structure pads																																			
WF08-S53A-FDN	Foundation and Anchor Installation	4.0	31-Aug-20	03-Sep-20	28-Feb-21	04-Mar-21	0%	Foundation and Anchor Installation																																			
WF08-S53A-ASY	Structure Assembly	4.0	22-Sep-20	25-Sep-20	21-May-21	25-May-21	0%	Structure Assembly																																			
WF08-S53A-ERC	Structure Erection	5.0	02-Nov-20	05-Nov-20	02-Jun-21	07-Jun-21	0%	Structure Erection																																			
WF08-S53A-GRD	Grounding	7.0	05-Nov-20	12-Nov-20	07-Jun-21	14-Jun-21	0%	Grounding																																			
WF08-S53A-OPG	OPGW/OHGW Installation	3.0	27-Mar-21	30-Mar-21	14-Jun-21	17-Jun-21	0%	OPGW/OHGW Installation																																			
WF08-S53A-STG	Conductor Installation	3.0	27-Mar-21	30-Mar-21	14-Jun-21	17-Jun-21	0%	Conductor Installation																																			
WF08-S53A-RCL	Reclamation	3.0	25-Jul-21	28-Jul-21	04-Aug-21	07-Aug-21	0%	Reclamation																																			
<b>WF09 - Pull Segment 53B - E092:E104</b>		567.6	14-Sep-19	02-Aug-21	09-Jan-20	12-Aug-21		12-Aug-21, WF09 - Pull Segment 53B- E092:E104																																			
WF09-S53B-CIV	Civil work on access roads and structure pads	5.3	14-Sep-19	21-Sep-19	09-Jan-20	14-Jan-20	0%	Civil work on access roads and structure pads																																			
WF09-S53B-ROW	ROW Clearing	5.3	14-Sep-19	21-Sep-19	09-Jan-20	14-Jan-20	0%	ROW Clearing																																			
WF09-S53B-FDN	Foundation and Anchor Installation	6.0	03-Sep-20	06-Sep-20	04-Mar-21	10-Mar-21	0%	Foundation and Anchor Installation																																			
WF09-S53B-ASY	Structure Assembly	9.0	25-Sep-20	29-Sep-20	25-May-21	03-Jun-21	0%	Structure Assembly																																			
WF09-S53B-ERC	Structure Erection	3.0	05-Nov-20	08-Nov-20	07-Jun-21	10-Jun-21	0%	Structure Erection																																			
WF09-S53B-GRD	Grounding	7.0	08-Nov-20	15-Nov-20	10-Jun-21	17-Jun-21	0%	Grounding																																			
WF09-S53B-OPG	OPGW/OHGW Installation	7.2	30-Mar-21	19-May-21	17-Jun-21	24-Jun-21	0%	OPGW/OHGW Installation																																			
WF09-S53B-STG	Conductor Installation	7.2	30-Mar-21	19-May-21	17-Jun-21	24-Jun-21	0%	Conductor Installation																																			

█ Remaining Level of Effort     █ Critical Remaining Work  
█ Actual Work     ◆ Milestone  
█ Remaining Work     Summary















Client: NextBridge Infrastructure LP  
Project: Ontario East West Tie Line

Project Number: VC-7556  
Date Created: 2019-12-10 Rev: 00  
Monthly Report: November, 2019

## Appendix F: OEWTl Commodity Curves 30-Nov-19

# Weekly Commodity Report (ALL WF)

EWT - REV 1

Commodity

Baseline : The Plan/Schedule

## Reporting Week: 11/24/2019 -11/30/2019



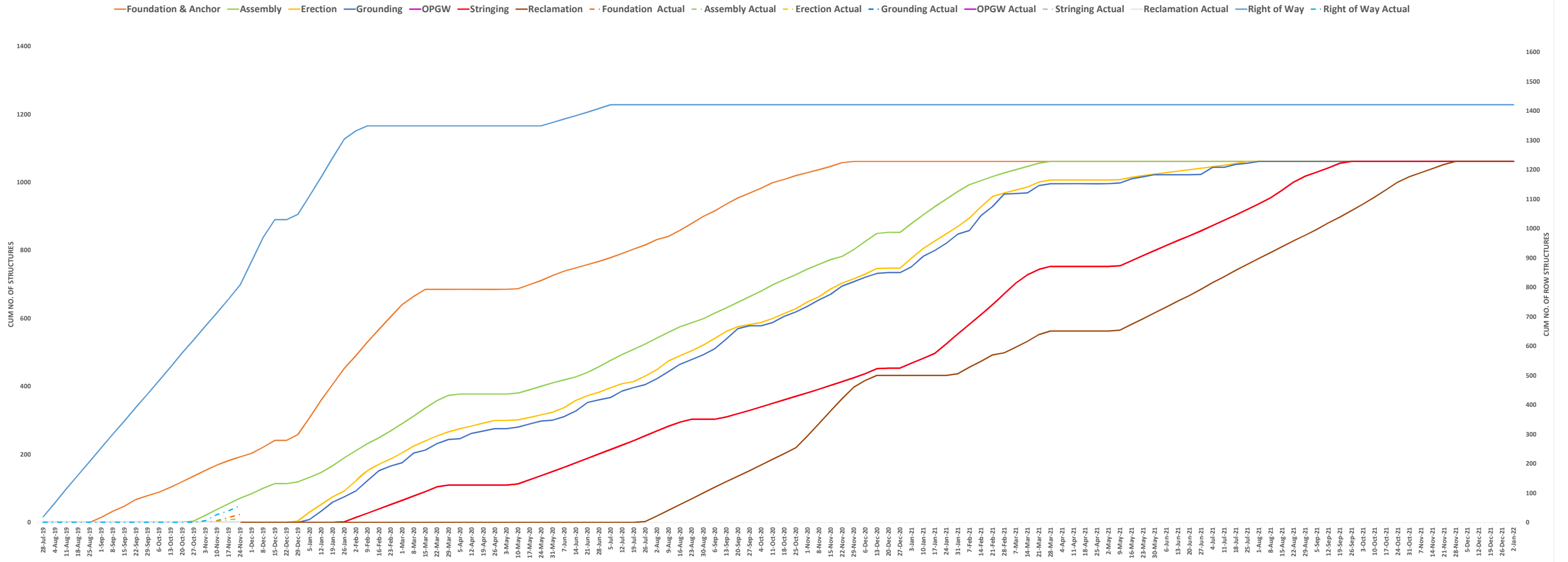
### ALL Workfronts

Activity Type	Budgeted Units (Str)	Last Period				This Period				To Date				To Go (Str)	% Complete				
		Plan (Str)	Construction Completions (Str)	Final QA Completions (Str)	Delta from Plan	Plan (Str)	Construction Completions (Str)	Final QA Completions (Str)	Delta from Plan	Plan (Str)	Construction Completions (Str)	Final QA Completions (Str)	Delta from Plan		Plan (%)	Construction Completions (%)	Final QA Completions (%)	Progress Indicator	MBOS Progress Indicator
Right of Way	1228	40	11	11	(29)	42	15	15	(27)	698	49	49	(649)	1179	56.8%	4.0%	4.0%	-52.9%	-52.9%
Access Construction	1228	40	11	11	(29)	42	10	10	(32)	698	51	51	(647)	1177	56.8%	4.2%	4.2%	-52.7%	-52.7%
Foundation	1228	15	11	11	(4)	13	10	10	(3)	223	27	27	(196)	1201	18.2%	2.2%	2.2%	-16.0%	-16.0%
Anchor	774	8	0	0	(8)	4	0	0	(4)	173	0	0	(173)	774	22.4%	0.0%	0.0%	-22.4%	-22.4%
Structure Delivery	1228	19	14	14	(5)	16	6	6	(10)	98	34	34	(64)	1194	8.0%	2.8%	2.8%	-5.2%	-5.2%
Assembly	1228	19	5	5	(14)	19	3	3	(16)	82	12	12	(70)	1216	6.7%	1.0%	1.0%	-5.7%	-5.7%
Erection	1228	0	0	0	0	0	0	0	0	0	0	0	0	1228	0.0%	0.0%	0.0%	0.0%	0.0%
Grounding	1228	0	0	0	0	0	0	0	0	0	0	0	0	1228	0.0%	0.0%	0.0%	0.0%	0.0%
OPGW	1228	0	0	0	0	0	0	0	0	0	0	0	0	1228	0.0%	0.0%	0.0%	0.0%	0.0%
OPGW/OHGW Clipping	1228	0	0	0	0	0	0	0	0	0	0	0	0	1228	0.0%	0.0%	0.0%	0.0%	0.0%
Stringing	1228	0	0	0	0	0	0	0	0	0	0	0	0	1228	0.0%	0.0%	0.0%	0.0%	0.0%
Conductor Clipping	1228	0	0	0	0	0	0	0	0	0	0	0	0	1228	0.0%	0.0%	0.0%	0.0%	0.0%
Reclamation	1228	0	0	0	0	0	0	0	0	0	0	0	0	1228	0.0%	0.0%	0.0%	0.0%	0.0%

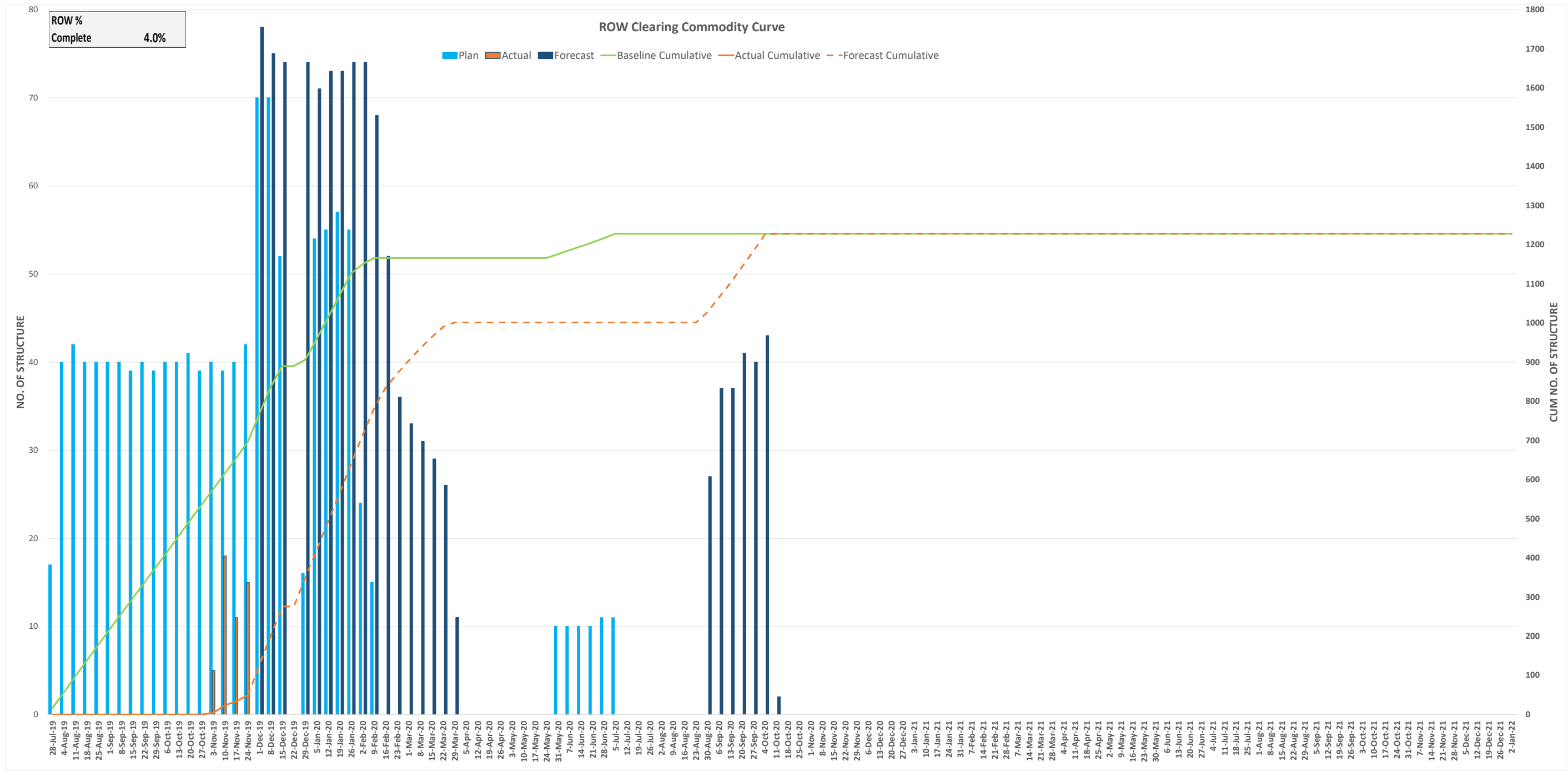


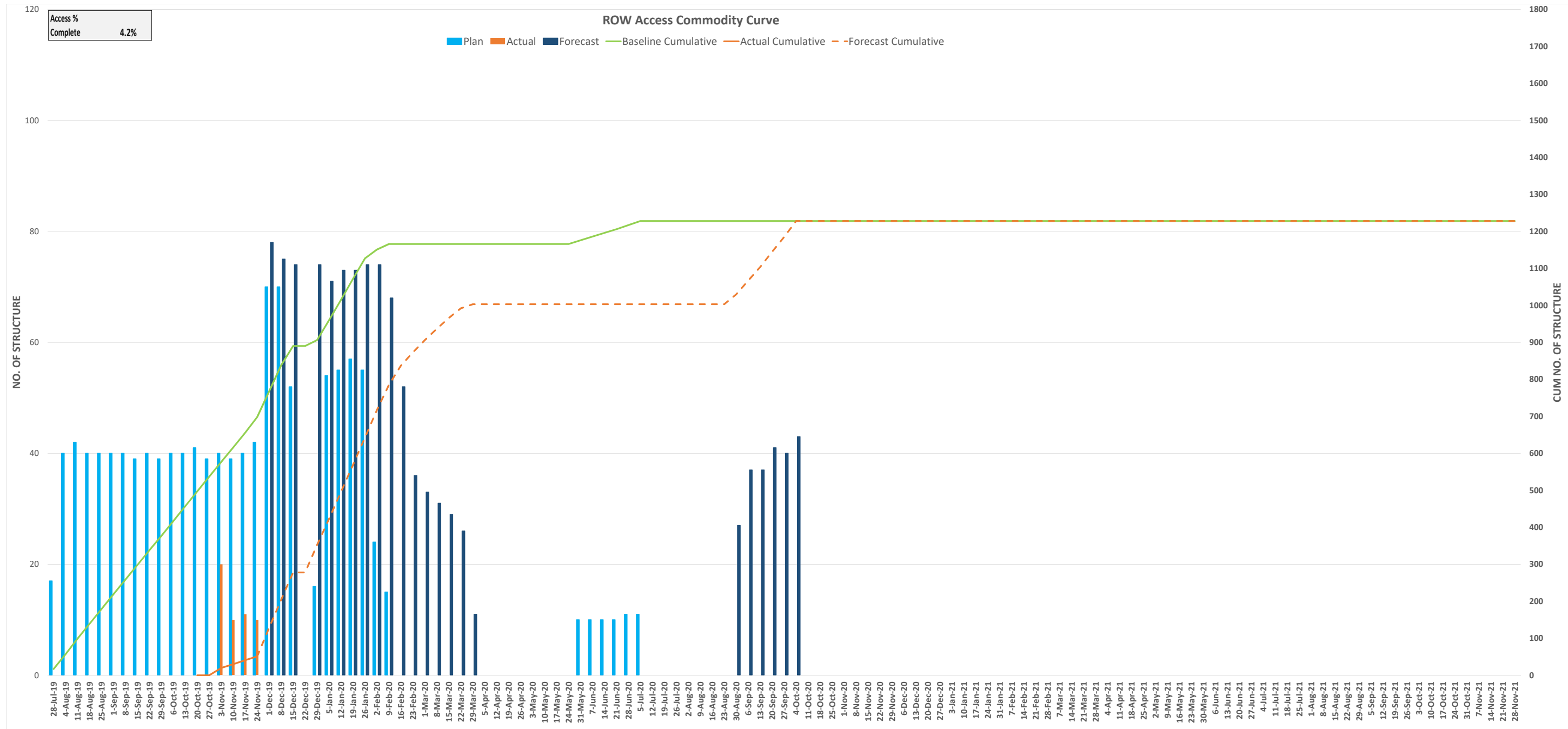


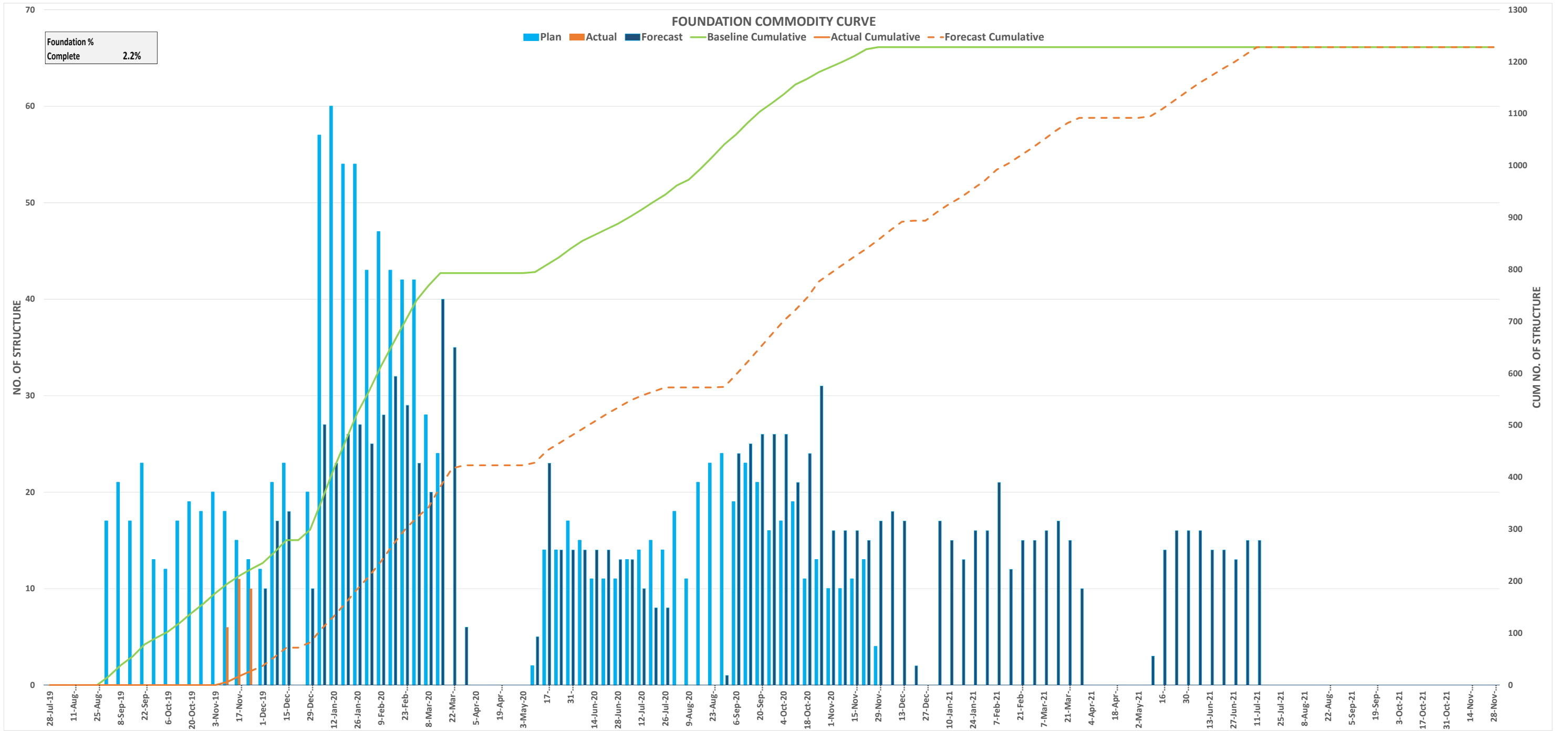
Major Curves EWT - Commodity Plan Vs Actual (Cumulative)







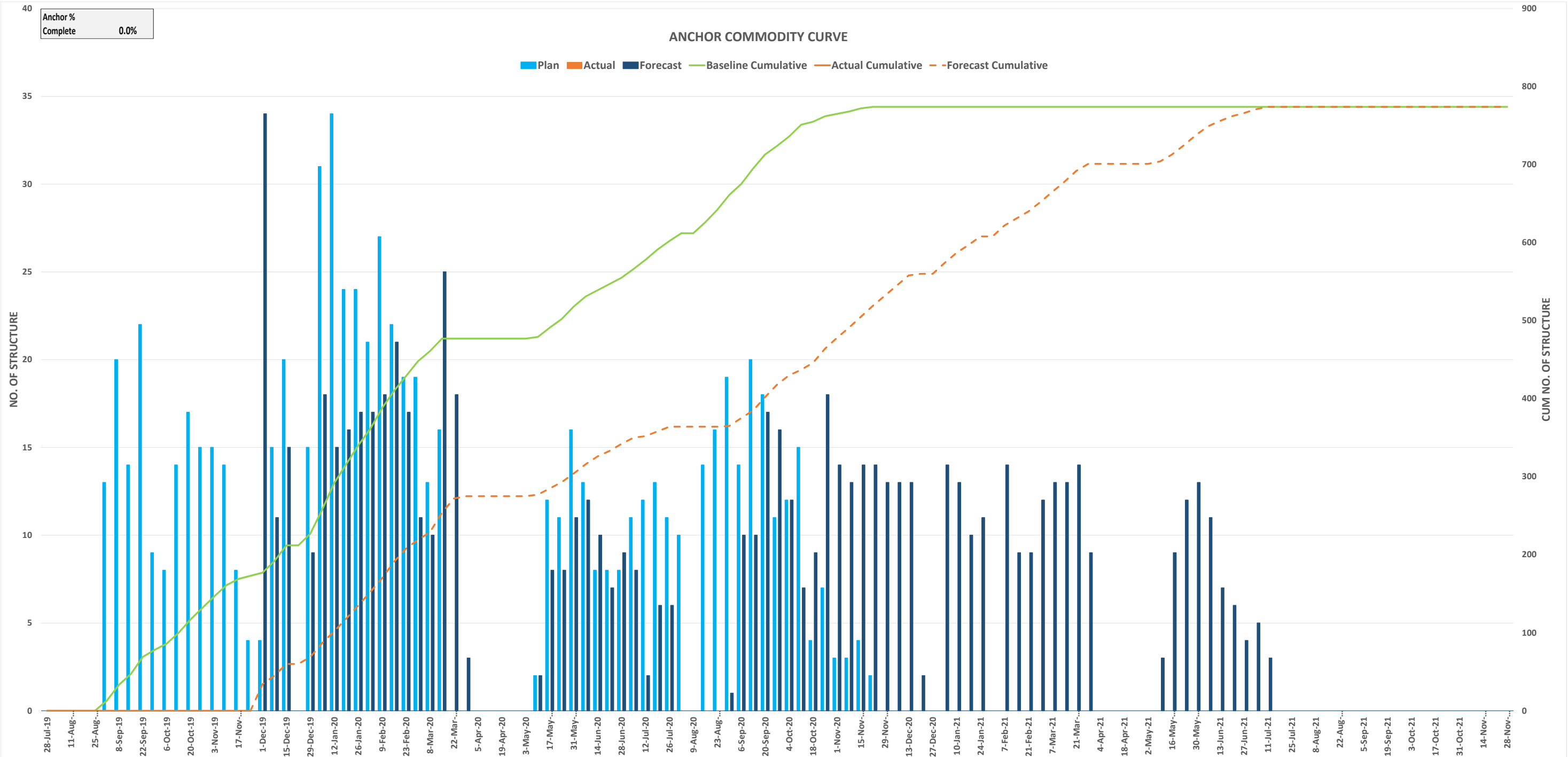


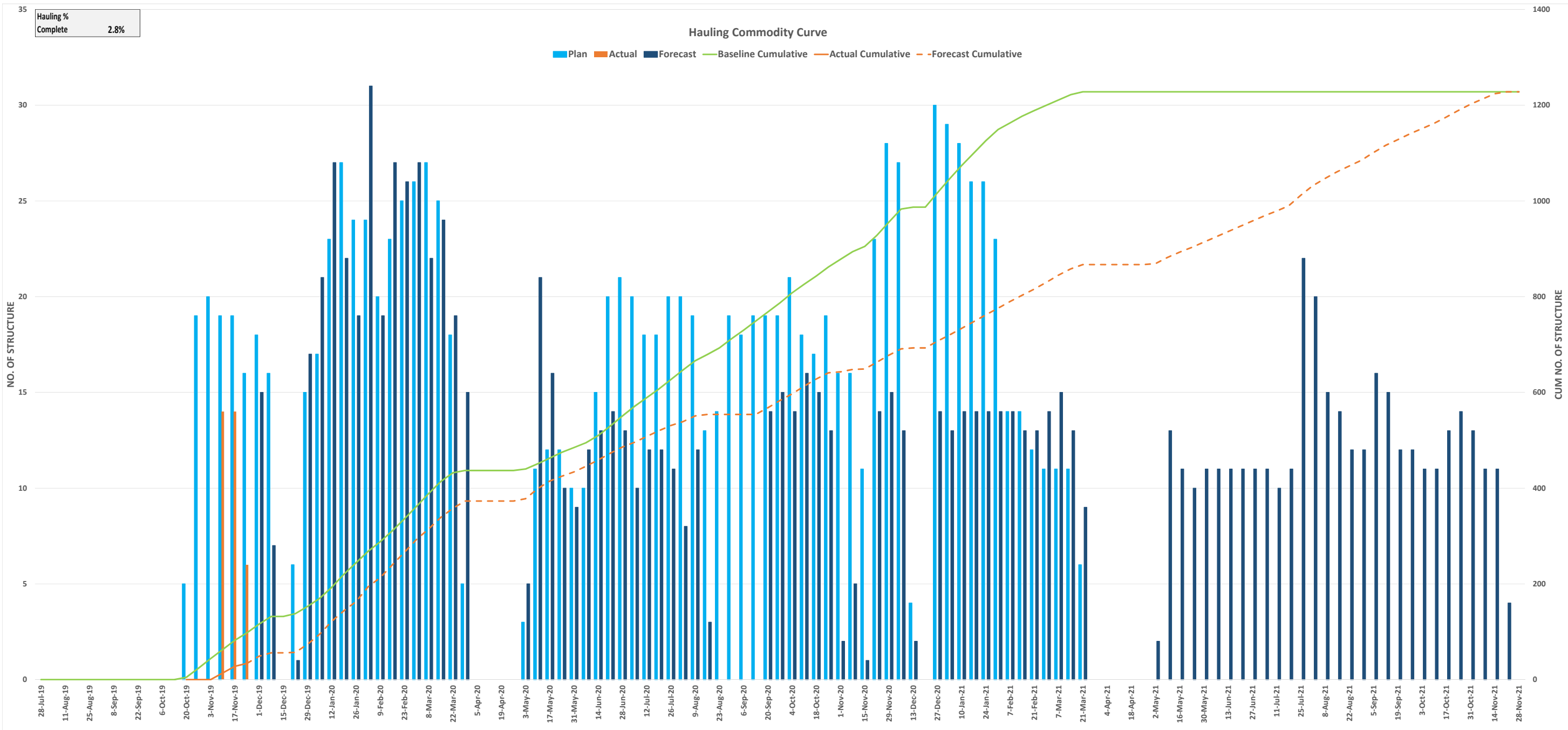


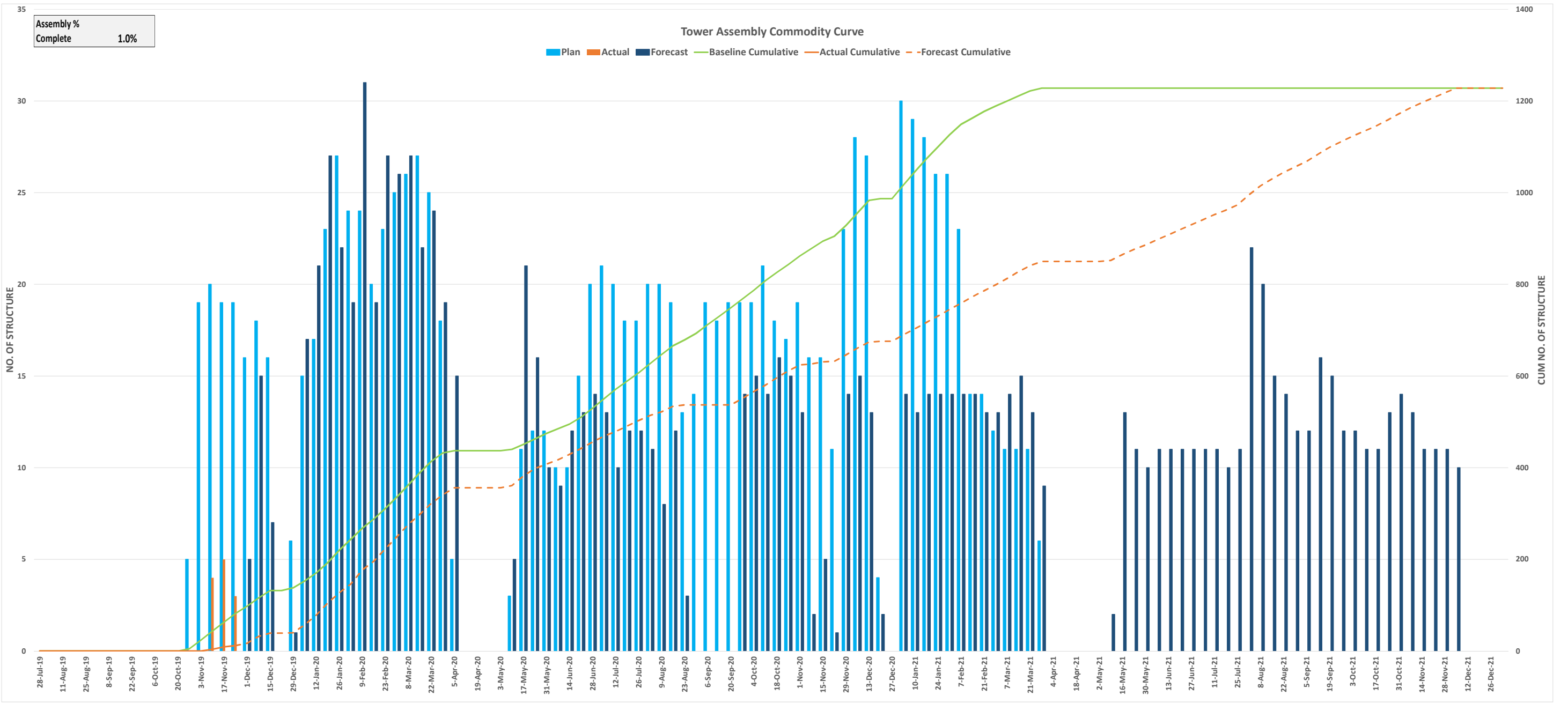
### ANCHOR COMMODITY CURVE

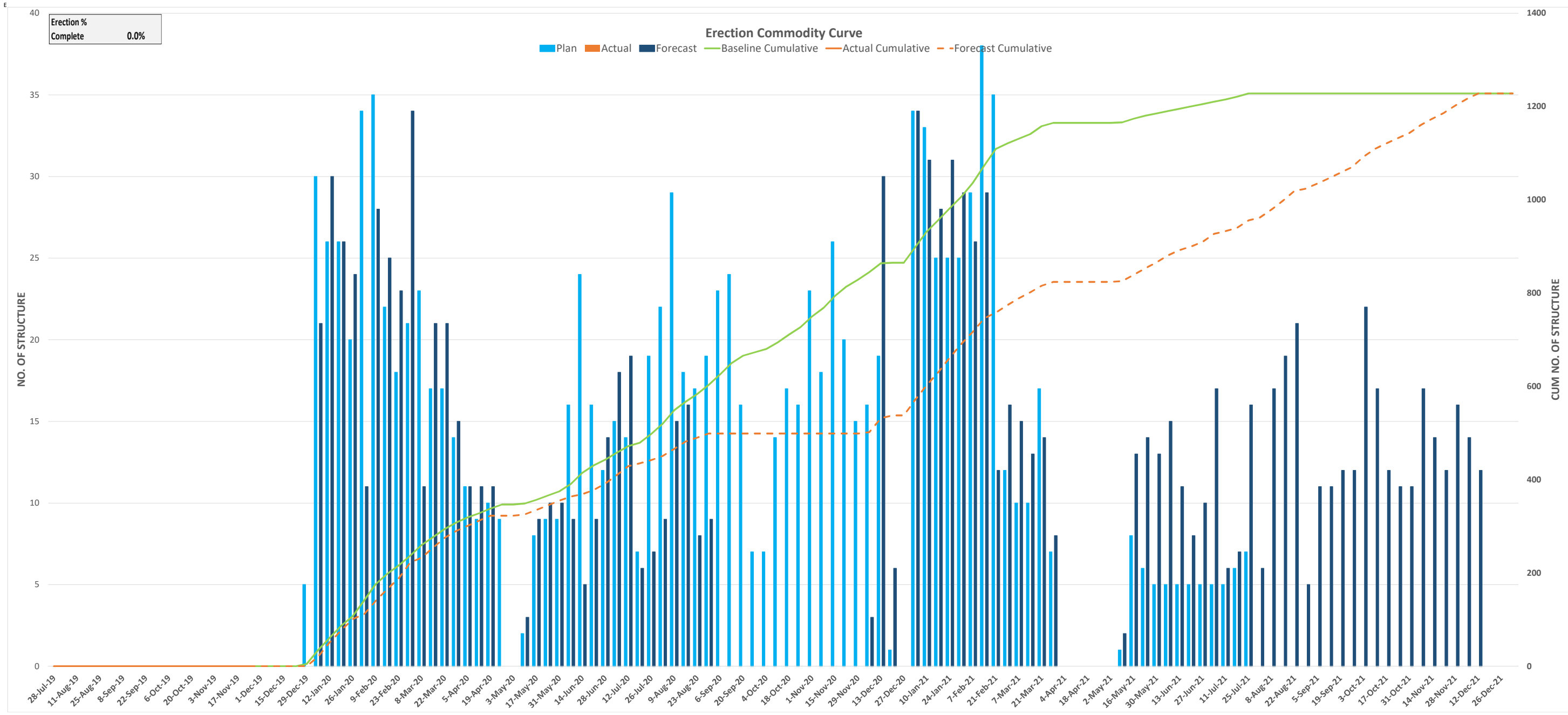
Anchor %  
Complete 0.0%

Plan Actual Forecast Baseline Cumulative Actual Cumulative Forecast Cumulative





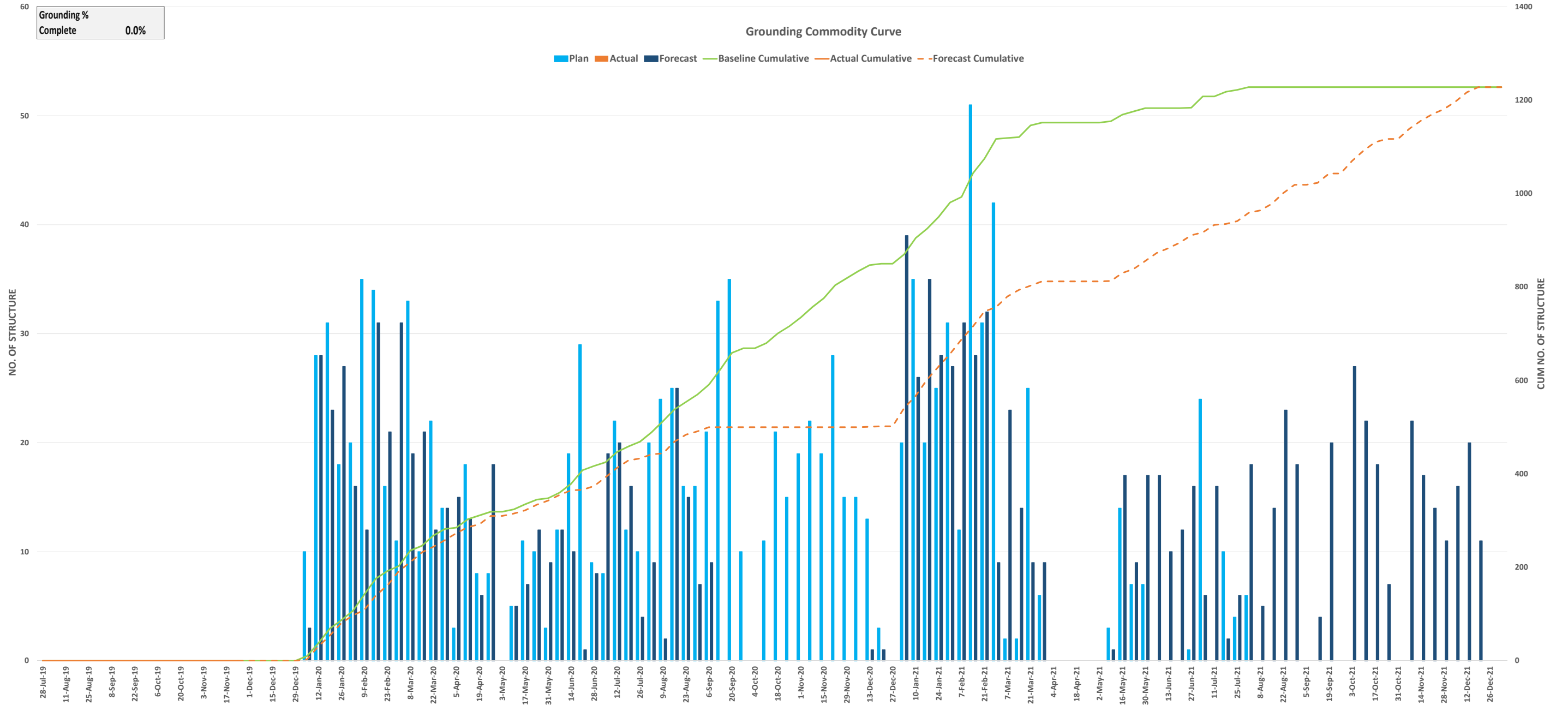




Grounding %  
Complete 0.0%

Grounding Commodity Curve

Plan Actual Forecast Baseline Cumulative Actual Cumulative Forecast Cumulative

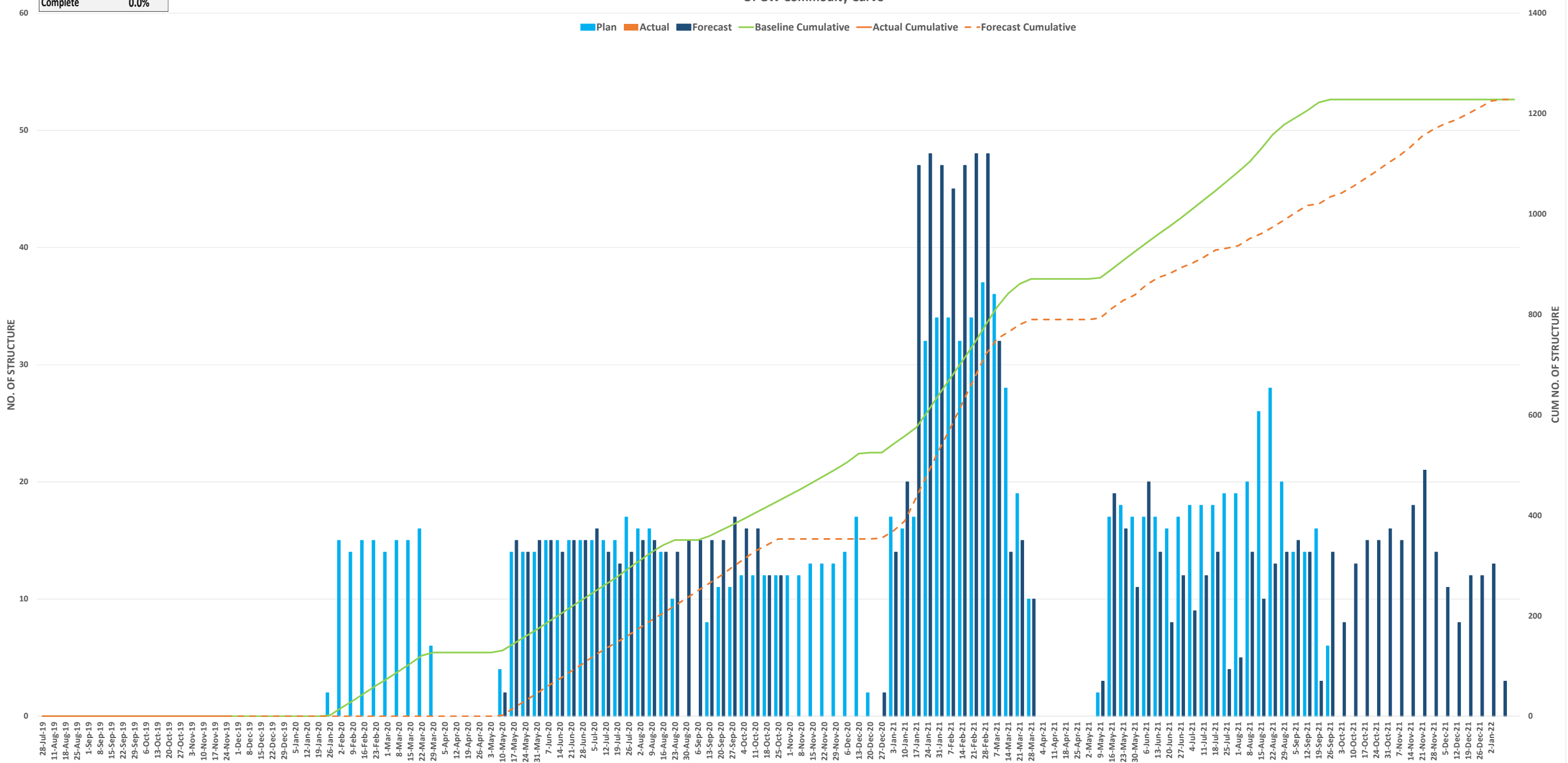




OPGW % Complete 0.0%

### OPGW Commodity Curve

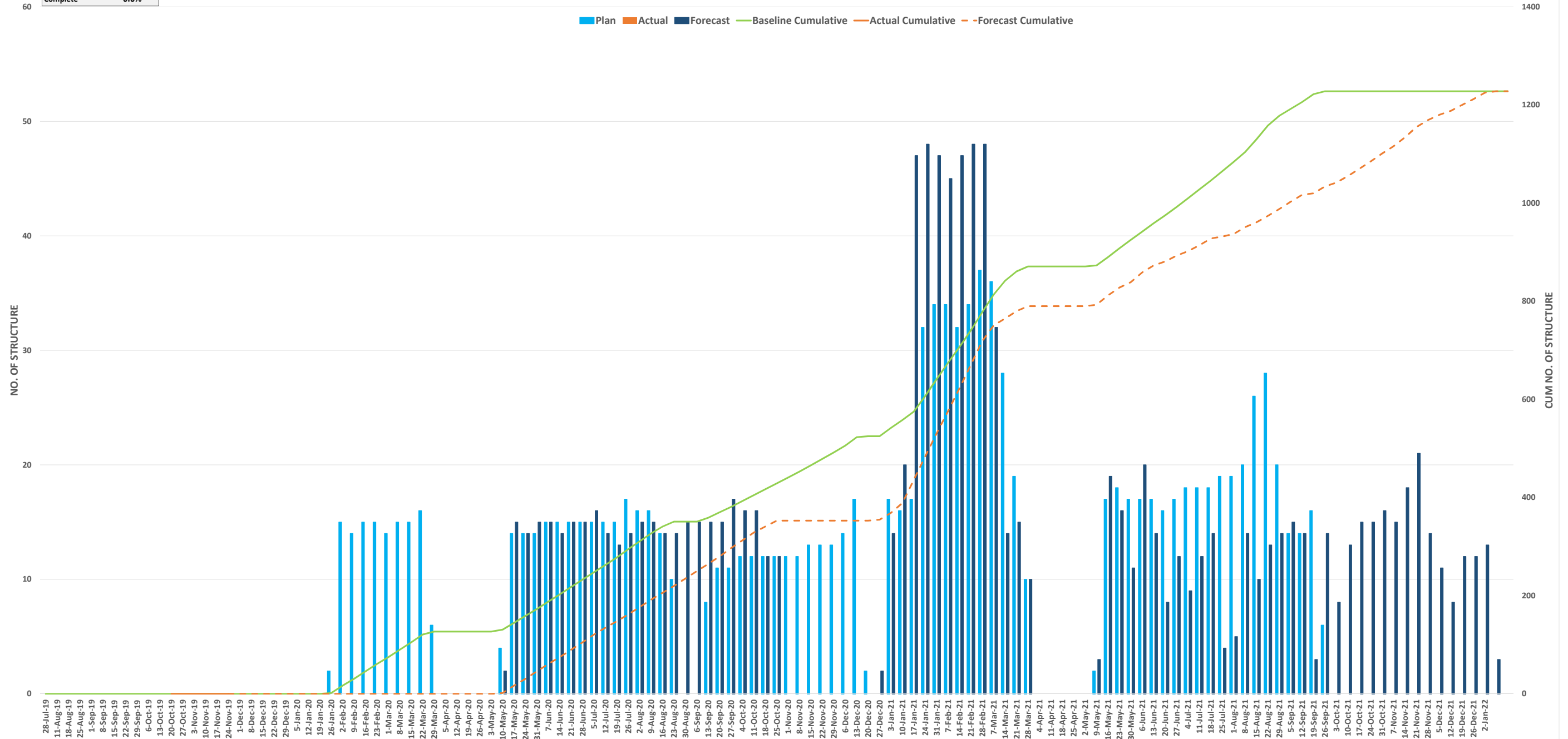
Plan Actual Forecast Baseline Cumulative Actual Cumulative Forecast Cumulative

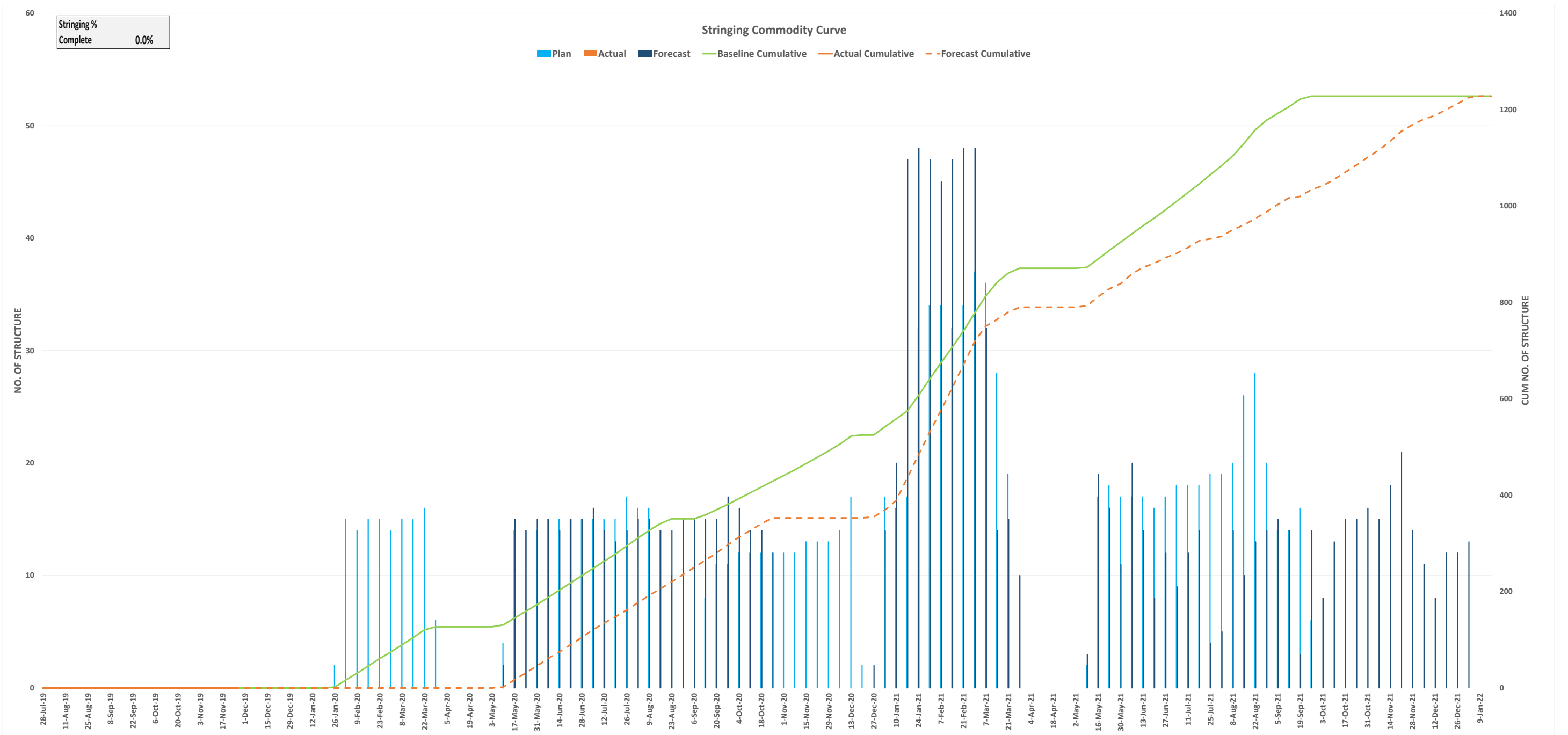


OPGW Tie-In %  
Complete 0.0%

### OPGW Clipping Commodity Curve

Plan Actual Forecast Baseline Cumulative Actual Cumulative Forecast Cumulative

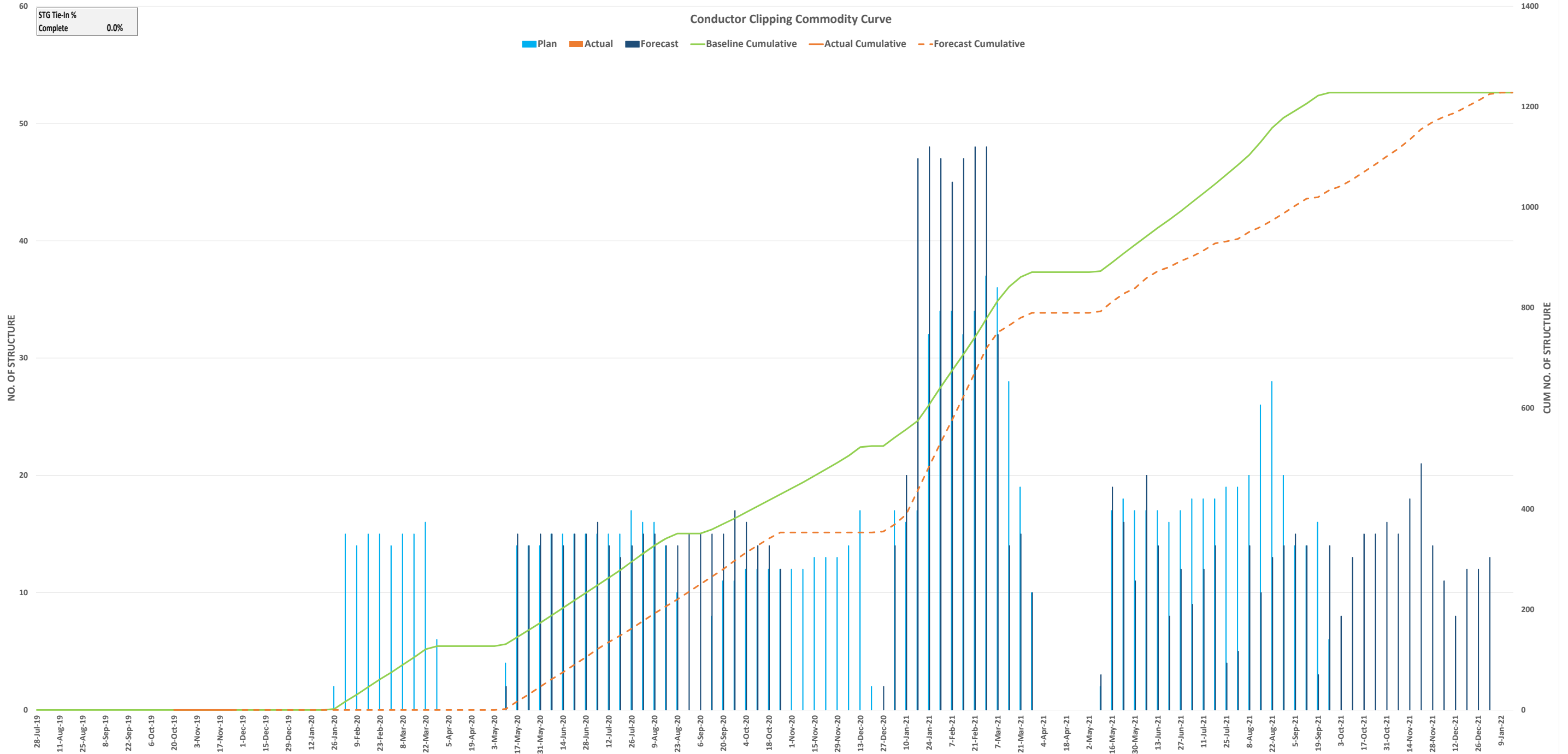




### Conductor Clipping Commodity Curve

STG Tie-In %  
Complete 0.0%

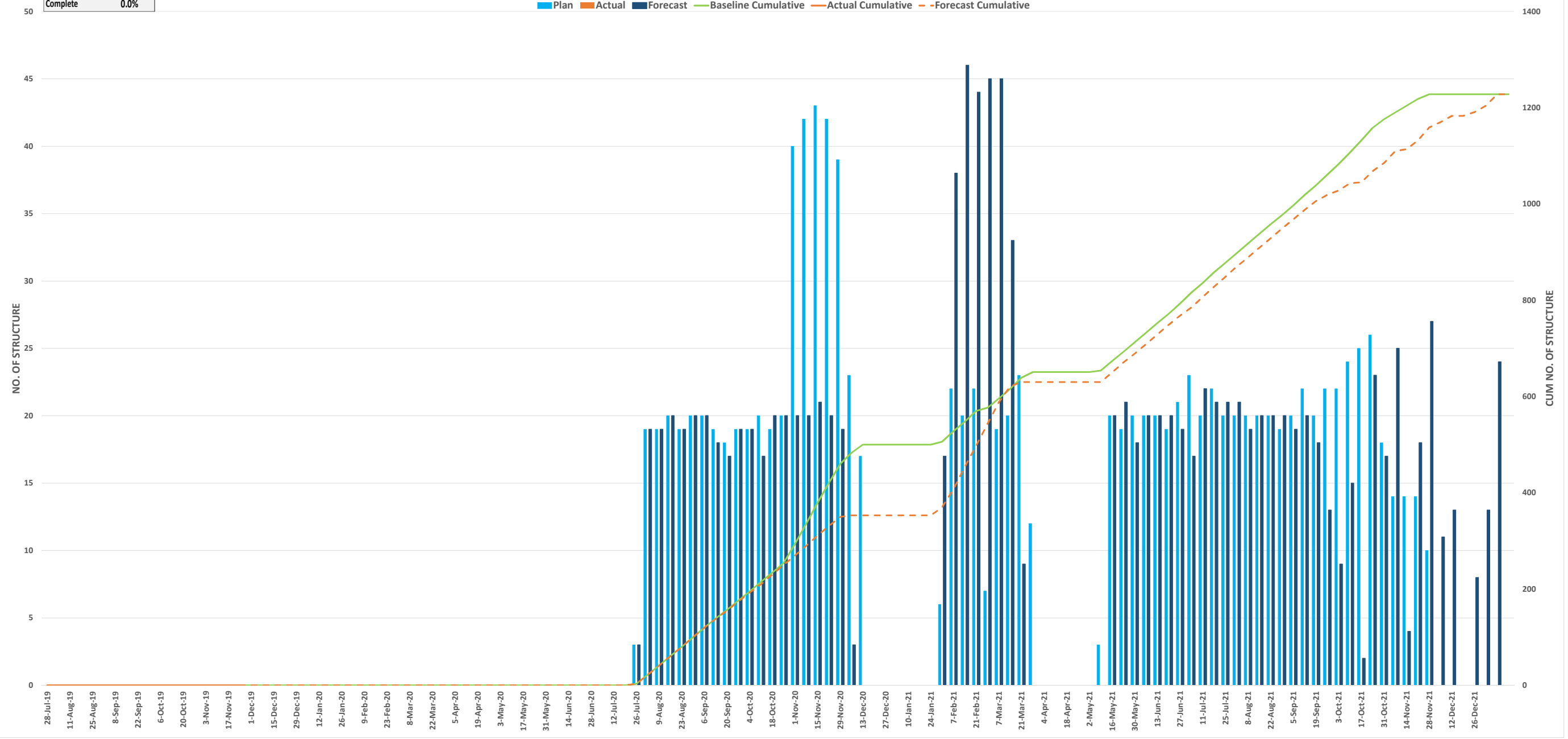
Plan Actual Forecast Baseline Cumulative Actual Cumulative Forecast Cumulative



### Reclamation Commodity Curve

REC %  
Complete 0.0%

Plan Actual Forecast Baseline Cumulative Actual Cumulative Forecast Cumulative





Connecting People.  
Powering Communities.



# Q3 | 2019 Quarterly Report

Contractor's Aboriginal Participation Plan (CAPP)

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East West Tie Transmission Line



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2	Employment, Education, and Training .....	3
3	Community Engagement .....	3
4	Business Development .....	6

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## 1 Executive Summary

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Valard and Supercom have made significant progress in the development, marketing, and implementation of Indigenous community programs for the East West Tie Project. The Supercom-Valard Management Committee has been meeting regularly, and working to guide business objectives, project planning, and execution.

Valard held a successful and informative cultural awareness sensitivity training program for Valard management with participation from Supercom. A First Nation Blessing of the Land ceremony was held in September, and a groundbreaking ceremony was held with the key project partners including First Nations leaders, Nextbridge Infrastructure, Valard Construction, and the Minister of Energy, Northern Development and Mines in October.

Meetings and discussions have been held with First Nation businesses and communities to further update them on the status of the project and to share additional information regarding potential involvement. Employment opportunities have been posted to the Supercom website and social media pages and several candidates have been successful and have been hired by companies working on the East West Tie Project.

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## 2 Employment, Education, and Training

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The following employment, education, and training activities have taken place during Q3:

### **Supercom Industries**

- Indigenous Coordinator Hired - Supercom has been engaged to coordinate and manage the Owners Indigenous Facilitation program as part of the Construction of the East West Tie. Teresa Black (Pic Mobert First Nation) has been hired to oversee and manage this component of the business, and she will be working out of our Michipicoten First Nation office. Supercom is currently working with Nextbridge to hire, train, and administer community-based monitors for the project.

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## 3 Community Engagement

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### **Cultural Awareness Sensitivity Training & Orientation**

Supercom recently gathered with Elders from their shareholder communities to discuss a variety of topics related to the creation of a Cultural Awareness Training Program for the project. At the meeting in Michipicoten First Nation the group assessed a multitude of issues that they felt was important for all personnel to be aware regarding working on their land. Supercom and Valard representatives incorporated elders' ideas and addressed their concerns during the several working sessions and eventually included them in the recently finalized Cultural Awareness Training package.

The Valard team held and participated in the Cultural Awareness Sensitivity Training along with Supercom and First Nation elders & community members on October 1<sup>st</sup>, 2019 at the Fort William First Nation Community Hall, Thunder Bay. The training program was successful – it was well received and informative for all participants.





**Figure 1: Cultural Awareness Sensitivity Training Participants – Photo Credit: Valard Construction**

### **Blessing of the Land Ceremony**

A traditional Blessing of the Land ceremony was held for the EWT Project prior to clearing and groundbreaking. Elders and other members of the First Nation community attended the ceremony held on September 23<sup>rd</sup>, 2019. Out of respect, photos were not taken at the ceremony.

### **Nextbridge East West Tie Groundbreaking Ceremony**

In early October, 2019 a ground-breaking & ribbon cutting ceremony was held with the key project partners including First Nations leaders, Nextbridge Infrastructure, Valard Construction, and the Minister of Energy, Northern Development and Mines. Images from Dan Garrity Media, below.



**Figure 2: Nextbridge East West Tie Groundbreaking Ceremony - Photo Credit: Dan Garrity Media**



**Figure 3: Nextbridge East West Tie Groundbreaking Ceremony - Photo Credit: Dan Garrity Media**



**Figure 4: Nextbridge East West Tie Groundbreaking Ceremony - Photo Credit: Dan Garrity Media**

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## 4 Business Development

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### **Supercom Recruits New President and Chief Executive Officer**

After an extensive recruitment and negotiation session, Supercom has hired Cris Serban to develop and execute the strategy materializing the Board of Directors vision and lead the company to achieve its strategic objectives. Cris comes with a wealth of experience in the power generation, transmission and distribution industry in Canada and around the world. He is currently getting acquainted with all aspects of the company, its shareholder communities, the project, and all partners. Cris is working out of our new Head Office located on the Fort William First Nation.

### **Execution of the First JV Partnership Agreement**

Valard and Northern Mat & Bridge, a Joint Venture Partner of Supercom Industries, formally concluded the contract negotiation and executed the agreement. It is the first agreement executed with a JV partner addressing the supply of access mats and bridges, and we expect that working on the current pace all the remaining JV contracts will be signed by mid October.