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Joanne Richardson
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BY EMAIL AND RESS

December 21, 2020

Ms. Christine E. Long
Board Secretary
Ontario Energy Board
Suite 2700, 2300 Yonge Street
P.O. Box 2319
Toronto, ON M4P 1E4

Dear Ms. Long:

EB-2017-0194 – Hydro One Networks Inc.'s Section 92 – East West Tie Station Project – Quarterly Report

On December 20, 2018, Hydro One Networks Inc. ("Hydro One") received approval from Ontario Energy Board (OEB) to construct the EWT Station Project to upgrade existing transmission station facilities in the Districts of Thunder Bay and Algoma. On July 29, 2019, the OEB issued reporting requirements to Hydro One to monitor the progress of Hydro One's EWT Station Project. On October 11, 2019, the OEB sent a letter to Hydro One outlining further reporting requirements.

In accordance with the aforementioned filing requirements, this Quarterly Report captures activities for the quarter ending November 2020.

An electronic copy of the complete Quarterly Report has been filed using the Board's Regulatory Electronic Submission System (RESS).

Sincerely,

Joanne Richardson

Hydro One - East-West Tie Station Project
OEB File Number EB-2017-0194
Quarterly Report
Period Ending Nov 30, 2020

Introduction

On December 20, 2018, Hydro One Networks Inc. (Hydro One or HONI) received approval from the Ontario Energy Board (OEB) to construct the EWT Station Project. The EWT Station project involves upgrades to Hydro One's Wawa Transmission Station, Marathon Transmission Station, and Lakehead Transmission Station located near the cities of Wawa, Marathon and Thunder Bay and is required to connect a new 230 kV transmission line (EWT Line) being constructed by NextBridge. The combined EWT projects have been identified as a priority in both the Ontario government's 2010 and 2013 Long-Term Energy Plans and the 2016 Order-in-Council.

In order to complete the connections at the three stations, Hydro One needs to modify some station facilities and install required station upgrades. On July 29, 2019, the OEB issued reporting requirements to Hydro One to monitor the progress of Hydro One's EWT Station Project. On October 11, 2019, the OEB sent a letter to Hydro One outlining further reporting requirements. Specifically, the additional reporting requirements requested that Hydro One (a) provide a status update on co-ordination efforts with NextBridge, (b) enhance the level of detail provided in the summary of the Status Upgrades Project progress to date, and (c) make a modification to the Project Cost table. Most recently, on September 24, 2020, in response to a delay to the NextBridge schedule to construct the EWT line, the OEB asked that an up-to-date estimate and detailed schedule for the stations upgrades be provided in Hydro One's next quarterly report to be filed in December 2020. This report addresses all reporting requirements.

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1. Summary of Quarterly Activities

Hydro One continues to progress well on schedule but will be challenged to stay within budget. It seems the ongoing impact of COVID-19 and other costs, are and will have more of an impact than had been anticipated. An initial high level review of internal cost monitoring activities indicates that future spend will go beyond the use of contingency and will most likely go over budget. The final impact on costs is being assessed and identified for the various overruns.

As planned, much of the ground work has been completed avoiding the need to perform this work in the winter months. This past quarter has been very productive with close to having all the foundations installed at both the Marathon and Lakehead transformer stations. This paves the way for erecting the rest of the structures and towers for the entire project which can effectively be performed at any time including in the winter months. All the foundations at Wawa are complete with the remaining structures slated to be installed during upcoming outages next year. Excavations for cable trench and ground grid installation, are almost complete. With only minimal ground work and fence installation left to perform in the project, civil work at three stations is ramping down being replaced with electrical and commissioning activities.

Having the cable trenches in place for the most part has allowed for much cable pulling between the buildings and the yard equipment. Cable pulling and terminating will comprise much of the electrical activities in the upcoming months. Both Lakehead and Marathon have about 50% of all wiring pulled between the new PCT building and the outdoor yard equipment. Although cable pulling at Wawa has just started, this will be a primary focus throughout the winter months.

With the PCT buildings in place for a while now, a continued focus has been to install, wire and terminate protection and control equipment within. Both Lakehead and Marathon have all the equipment installed, terminated and powered on, in the new PCT buildings. Wawa has permanent power now with equipment starting to be installed. Although PCT building equipment installation at Wawa lags behind the other two stations, their protection & control racks have already been prebuilt and partially commissioned. The initial delay in installation will be matched by the advance in commissioning activities in the upcoming months. Commissioning durations at Wawa and Lakehead are substantially less than at Marathon.

At this point in the schedule, construction activities are being reduced while commissioning is being ramped up. Resources have been aligned for testing protection and control equipment at all three stations. Local area control networks are being commissioned at both Lakehead and Marathon which allows for establishing communications between the new PCT buildings, other buildings and the OGCC (Ontario Grid Control Centre). Having this interface functioning is the first step in commissioning the rest of the equipment.

1. Summary of Quarterly Activities - continued

Talks between NextBridge and Hydro One continue on a monthly basis exchanging details on project status, discussing issue resolution, scheduling deliverables and reviewing the outage requirements. The recent development of the five month delay in NextBridge's schedule, has been incorporated into the Staging Plan. Previous commitment dates of having towers and lines ready outside each of the stations, are impacted and have been finalized based on the final commissioning dates for each station. Hydro One plans to continue with its original schedule of having stations ready but will change the in-servicing activities accordingly to accommodate for the delay. As a result, this has a budget impact to the project of $2.7M related to AFUDC carrying costs. Hydro One and NextBridge continue to coordinate efforts in ensuring their schedules are aligned allowing all three stations and lines to be able to go into service at the same time. At this time the Project schedule remains unchanged and Hydro One remains on target for Project completion.

As always, the risks of the Project are being continuously monitored and assessed. Material delivery continues to be a low risk with the reactor for Lakehead being delayed and expected in February. Confirmation of NextBridge's tower and line design to meet Hydro One's requirements, is being finalized with results of line impedance and grounding being analyzed. The effects of COVID-19 on schedule and budget, continues to be a risk both on how it will affect Hydro One internally and externally.

A. Lakehead TS - Construction Activities

i. Summary of Activities from last Reporting Period to Next Reporting Period

- **Work completed between Sep 01, 2020 – Nov 30, 2020**
  - **Civil Construction**
    - Excavation/grading/backfill/stoning
      - Excavated Section 18, backfilled Oil water Separator
    - Footings/Piers & Foundations
      - Completed Spill Pit and Reactor Foundation, lightening spike
    - Cable trench & road crossings
      - Completed Cable Trench in Section 6 of yard
  - **Electrical Construction**
    - Grid grounding
      - Grid grounding for Reactor near Cap Bank and surrounding area done
    - Structures - install
      - Installation of one lightning spike complete
    - Bus – rigid/strain
      - Strain bus complete to reactor
    - Switches – breaker/ground/line
      - Wired more switches, Ground switches complete, mechanical boxes complete
  - **Equipment**
    - Breakers – install/wire
      - Wired the HL38, PL37, W1L37, and W1L38
    - CVT's – install/wire
      - Installed and wired M37L & M38L CVT's
    - Station Service/ATS – install/wire
      - Completed AC 10&11
  - **Buildings**
    - New PCT building
      - Completed wiring battery charger, continuing with wiring racks
    - Existing Control building –work performed
      - Completed DC station service
  - **Commissioning**
    - Commissioned 4 gateways, 4 router switches and a new Remote Terminal Unit
    - Nine relay units are 75% programmed for 'B' protections

A. Lakehead TS - Construction Activities - continued

i. Summary of Activities from last Reporting Period to Next Reporting Period

- **Anticipated work to be completed between Dec 2020 - Feb 2021**
  - **Civil Construction**
    - Excavation/grading/backfill/stoning
      - Section 13 excavation, section 18 backfilling
    - Footings/Piers & Foundations
      - Section 13 CVT piers
    - Cable trench & road crossings
      - Hand digging in 115kV yard
  - **Electrical Construction**
    - Grid grounding
      - Complete remaining around capacitor bank, PT & switches for stage 2
    - Structures
      - Install both reactor structures, lightening spike (second one)
    - Bus – rigid/strain
      - Complete drops in Bays 9 & 10, Prep work for future outages
  - **Equipment**
    - Station Service/ATS – install/wire
      - Prepare panel 16 & 17 to be ready for powering up
  - **Buildings**
    - New PCT building
      - Continuing with puling cables and wiring racks
    - Existing Control building – work to be performed
      - Continuing with puling cables and wiring racks
  - **Commissioning**
    - Complete direct SCADA cutover to new communications network
    - Further testing at remote sites via the new SCADA
    - Commission testing on P-bus

ii. Life-to-Date Status of Major Items

Lakehead TS

Approvals	Rec'd	% Comp
ECA drainage	Yes	100

Civil / Electrical Installation	Project Total	Unit of Measure	Installed	% Comp
Civil / Electrical Installation - On Track				
Foundations	2	ea	**2**	**100.0%**
Footings - Piers	223	ea	**200**	**89.7%**
Cable Trench	1500	m	**1201**	**80.1%**
Grounding Grid	3330	m	**1230**	**36.9%**
Structures	101	ea	**55**	**54.5%**
Rigid bus	390	m	**70**	**17.9%**
Strain bus	2210	m	**850**	**38.5%**

Equipment Installation	Project Total	Unit of Measure	Rec'd/ Built	Installed	Wired	Comm'd	% Comp
Equipment Installation - On Track							
Breakers	8	ea	8	4	**4**	0	**35.0%**
Reactors/Cap Banks	2	ea	1	0	0	0	5.0%
Switches - Line, Disc & Grnd	20	ea	20	12	**2**	0	**25.0%**
CVT (Current Voltage Transformer)	25	ea	25	15	**15**	0	**40.0%**
AC Station Service	4	ea	4	2	**2**	2	**55.0%**
DC Station Service	2	ea	2	2	**2**	2	**100.0%**
Protection racks (IED modules)	116	ea	**80**	37	**37**	0	**22.8%**
Control equipment	13	ea	**13**	**13**	**5**	0	**41.5%**
Telecom/Teleprotion racks (IED modules)	71	ea	**56**	**56**	**22**	0	**33.0%**

Definition of terms used:

Rec'd/Built - *represents either inventory delivered and sitting at site/warehouse or racks built for building*

Installed - *represents equipment being installed on a structure, foundation, floor or in a rack*

Wired - *represents having all wiring and terminations completed to the equipment*

Comm'd - *represents 'Commissioned' being able to function as designed, for it's intended purpose*

% Compl - *represents % complete weighting: 10% for rec;d, 20% for Installed, 30% for wired, 40% for commissioned*

Building Installation	Project Total	Unit of Measure	Found'n	Walls /Roof	Mech/ Elect	Comm'd	% Comp
Building Installation - On Track							
PCT (Protection/Control/Telecom) Building	1	%	100.0%	100.0%	100.0%	100.0%	100.0%

Definition of terms used:

Found'n - *represents the concrete foundation slab*

Walls/Roof - *represents the pre-cast walls and roof being erected*

Mech/Elect - *represents having all HVAC, fire alarm, lighting and distribution panels completed in building*

Comm'd - *represents 'Commissioned' being substantially complete as designed, for it's intended purpose*

% Compl - *represents % complete weighting: 20% for foundations, 40% for Walls/Roof, 30% for Mech/Elect, 10% for commissioned*

Note: Previous report had some of the % complete values incorrectly calculated

iii. Progress Photos – Civil & Electrical

Lakehead – Reactor and Oil Water Separator foundations

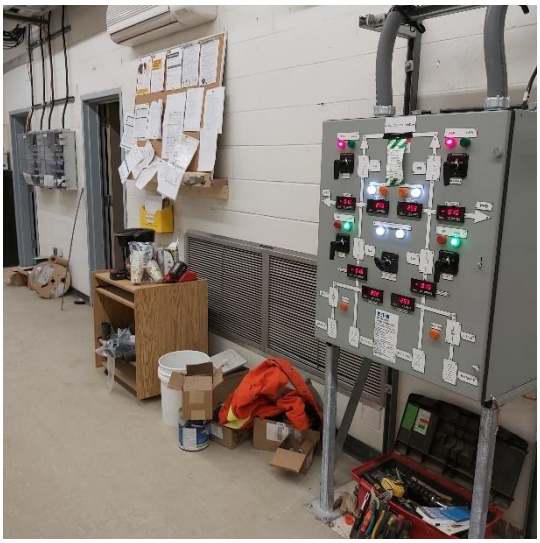
Lakehead – AC station service and Auto Transfer scheme

Lakehead – Breaker mechanical box wiring

Lakehead – CVT mechanical box wiring

iv. Progress Photos – Equipment & Building

Lakehead – New PCT building rack wiring and terminations



Lakehead - New PCT building Manual Transfer switch and monitoring cabinets

Lakehead – DC switchgear in existing Control Building

B. Marathon TS - Construction Activities

i. Summary of Activities from last Reporting Period to Next Reporting Period

- **Work Completed between Sep 01, 2020 – Nov 30, 2020**

  - **Civil Construction**
    - Excavation/grading/backfill/stoning
      - Excavated, backfilled and graded Areas 23, 24, 26, 29, 30, 31, 34
    - Footings/Piers & Foundations
      - Completed Areas 23, 24, 26, 29, 30, 31, 34
    - Cable trench & road crossings
      - Area F completed
  - **Electrical Construction**
    - Grid grounding
      - Completed grounding in Bays 5-8 on east side of yard
    - Structures - install
      - Completed installation of remaining lattice steel structures
    - Switches – breaker/ground/line
      - 2 ground & 2 line switches installed
  - **Equipment**
    - Transformers/Reactors/Cap Banks– install/wire
      - installed R3 & R4 reactor
    - Breakers – install/wire
      - Wired breakers CB8, CB9, CB10, CB13, CB14 & CB17
    - CVT's – install/wire
      - Wired 12 CVT's
    - Station Service/ATS – install/wire
      - Completed installation for outdoor load centers, transformers & disconnects
      - Completed wiring of 6 ATS's
  - **Buildings**
    - New PCT building
      - Completed all internal cable pulling and terminating
      - Completed 50% of all external cable pulling and terminating
    - Existing Control building – work performed
      - Install telecommunication JMUX racks
      - Install 50% of fiber splicing
  - **Commissioning**
    - PSP (Physical Security Perimeter) installed and commissioned

B. Marathon TS - Construction Activities - continued

i. Summary of Activities from last Reporting Period to Next Reporting Period

- **Anticipated work to be completed between Dec 2020 - Feb 2021**
    - **Civil Construction**
        - Excavation/grading/backfill/stoning
            - Area 10 to be completed
        - Footings/Piers & Foundations
            - Ground Interrupter switches 1-3,16-18
        - Cable trench & road crossings
            - 50% of Area G to be completed
    - **Electrical Construction**
        - Grid grounding
            - 8 sections of sky wire to be installed
        - Structures - install
            - installation of structures from grid line A to grid line C
        - Bus – rigid/strain
            - Install L35, L36, W1 & W2 strain bus
            - Install Jitney bus bays V-VI
            - Install Jitney bus bays VII-VIII
    - **Equipment**
        - All major yard equipment have been installed and wired.
        - All racks and panels in buildings have been installed.
        - There are no plans to install additional equipment
    - **Buildings**
        - New PCT building
            - Continue with external cable pulling from yard equipment
            - Continue with terminating cables from external equipment
        - Existing Control building –work performed
            - Continue with wiring and terminations of telecommunication JMUX racks
    - **Commissioning**
        - Complete direct SCADA cutover to new communications network
        - Further testing at remote sites via the new SCADA

ii. Life-to-Date Status of Major Items

Marathon TS

Approvals	Rec'd	% Comp
EA approvals	Yes	100.0%
ECA drainage	Yes	100.0%

Civil / Electrical Installation	Project Total	Unit of Measure	Installed	% Comp
Civil / Electrical Installation - On Track				
Foundations	3	ea	2	66.7%
Footings - Piers	376	ea	**366**	**97.3%**
Cable Trench	1663	m	**1410**	**84.8%**
Grounding Grid	4220	m	**3185**	**75.5%**
Structures	97	ea	60	61.9%
Rigid bus	1247	m	328	26.3%
Strain bus	3090	m	1750	56.6%

Equipment Installation	Project Total	Unit of Measure	Rec'd/ Built	Installed	Wired	Comm'd	% Comp
Equipment Installation - On Track							
Breakers	12	ea	12	6	0	0	20.0%
Reactors	2	ea	0	0	0	0	0.0%
Switches - Line, Disc & Grnd	36	ea	36	17	0	0	19.4%
CVT (Current Voltage Transformer)	24	ea	24	12	0	0	20.0%
AC Station Service	2	ea	2	0	0	0	10.0%
DC Station Service	2	ea	2	2	2	0	60.0%
Protection racks	132	ea	132	132	75	0	47.0%
Control equipment	15	ea	15	10	0	0	23.3%
Telecom/Teleprotion racks	83	ea	83	40	0	0	19.6%

Definition of terms used:

Rec'd/Built - *represents either inventory delivered and sitting at site/warehouse or racks built for building*

Installed - *represents equipment being installed on a structure, foundation, floor or in a rack*

Wired - *represents having all wiring and terminations completed to the equipment*

Comm'd - *represents 'Commissioned' being able to function as designed, for it's intended purpose*

% Compl - *represents % complete weighting: 10% for rec;d, 20% for Installed, 30% for wired, 40% for commissioned*

Building Installation	Project Total	Unit of Measure	Found'n	Walls /Roof	Mech/ Elect	Comm'd	% Comp
Building Installation - On Track							
PCT (Protection/Control/Telecom) Building	1	%	100.0%	100.0%	100.0%	100.0%	100.0%

Definition of terms used:

Found'n - *represents the concrete foundation slab*

Walls/Roof - *represents the pre-cast walls and roof being erected*

Mech/Elect - *represents having all HVAC, fire alarm, lighting and distribution panels completed in building*

Comm'd - *represents 'Commissioned' being substantially complete as designed, for it's intended purpose*

% Compl - *represents % complete weighting: 20% for foundations, 40% for Walls/Roof, 30% for Mech/Elect, 10% for commissioned*

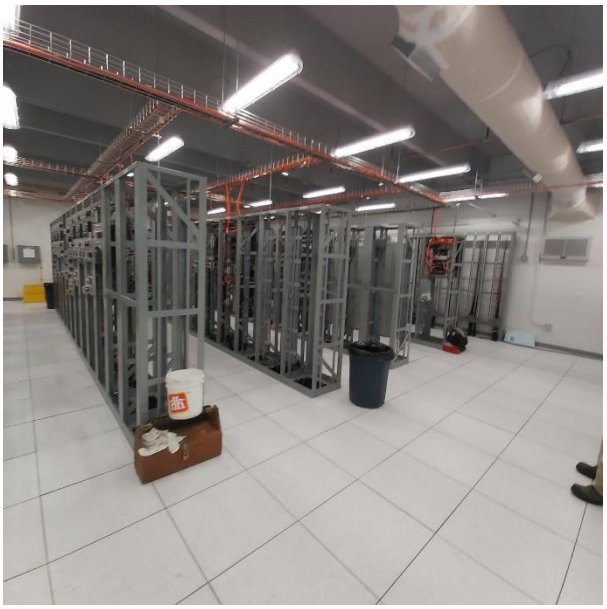
iii. Progress Photos – Civil & Electrical

Marathon – Reactors R3 & R4 install

Marathon – CVT's and arrestor install

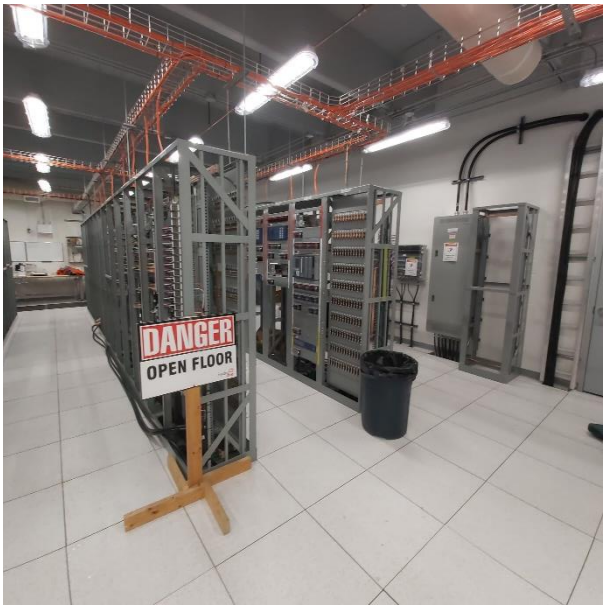
Marathon – Excavating, backfilling and grounding activities

iv. Progress Photos – Equipment & Building



Marathon –Completed all internal cable pulling and terminating

Marathon – Cable pulling from PCT building to external equipment



Marathon – Various fiber tray above racks for communications

C. Wawa TS - Construction Activities

i. Summary of Activities from last Reporting Period to Next Reporting Period

- **Work Completed between Sep 01, 2020 – Nov 30, 2020**
    - **Civil Construction**
        - Excavation/grading/backfill/stoning
            - Excavate & install drainage pipe running E/W in front of New PCT building
        - Footings/Piers & Foundations
            - Installed transformer station service vaults and pads
        - Cable trench & road crossings
            - Poured remaining 4 Road Crossings And completed 85m of cable tray
    - **Electrical Construction**
        - Grid grounding
            - Installed 300m of ground grid
        - Structures - install
            - Installed 8 structures in Bay 1
        - Bus – rigid/strain
            - Installed rigid bus in Bay 1 and for A-bus in Bay 1 & 2
        - Switches – breaker/ground/line
            - Installed 1 breaker disconnect in Bay 1
    - **Equipment**
        - Breakers – install/wire
            - Installed 1 breaker in Bay 1
        - Station Service/ATS – install/wire
            - Installed TSS21 and associated equipment
    - **Buildings**
        - New PCT building
            - Powered up building with permanent power
            - Installed all terminal racks and DCM cabinets
            - Installed RTU cabinets and Cyber Security rack

C. Wawa TS - Construction Activities - continued

i. Summary of Activities from last Reporting Period to Next Reporting Period

- **Anticipated work to be completed between Dec 2020 - Feb 2021**
    - **Civil Construction**
        - Excavation/grading/backfill/stoning
            - General excavating and backfilling to support ground grid activities
    - **Electrical Construction**
        - Grid Grounding
            - Install 250m of grounding around line entrance BPE structures
        - Structures - install
            - Install line entrance BPE structures
        - Bus – rigid/strain
            - Strain bus from new lines to Line Entrance Structure
    - **Equipment**
        - Breakers – install/wire
            - Wire up 3 breakers
        - CVT's – install/wire
            - Wire 2 sets of CVT's
        - Station Service/ATS – install/wire
            - Install TSS22 and associated equipment
    - **Buildings**
        - New PCT building
            - Install all racks
            - Have a majority of internal cables pulled and terminated
        - New PCT building
            - Install any new equipment building
            - Temporarily terminate racks

ii. Life-to-Date Status of Major Items

Wawa TS

Approvals	Rec'd	% Comp
EA approvals	Yes	100.0%

Civil / Electrical Installation	Project Total	Unit of Measure	Installed	% Comp
Civil / Electrical Installation - On Track				
Foundations	n/a	n/a	n/a	n/a
Footings - Piers	163	ea	163	100.0%
Cable Trench	962	m	810	84.2%
Grounding Grid	2320	m	**1250**	**53.9%**
Structures	88	ea	**88**	**100.0%**
Rigid bus	384	m	**335**	**87.2%**
Strain bus	1310	m	**1205**	**92.0%**
Lines intermediate structures	3	ea	0	0.0%

Equipment Installation	Project Total	Unit of Measure	Rec'd/ Built	Installed	Wired	Comm'd	% Comp
Equipment Installation - On Track							
Breakers	6	ea	6	**6**	0	0	**30.0%**
Reactors/Cap Banks	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Switches - Line, Disc & Grnd	19	ea	19	**16**	0	0	**26.8%**
CVT (Current Voltage Transformer)	15	ea	15	12	0	0	26.0%
AC Station Service	2	ea	2	**1**	0	0	**20.0%**
DC Station Service	2	ea	**2**	**2**	0	0	**30.0%**
Protection racks	64	ea	64	0	0	0	10.0%
Control equipment	15	ea	**15**	0	0	0	**10.0%**
Telecom/Teleprotion racks	64	ea	**63**	0	0	0	**9.8%**

Definition of terms used:

Rec'd/Built - *represents either inventory delivered and sitting at site/warehouse or racks built for bulidng*

Installed - *represents equipment being installed on a structure, foundation, floor or in a rack*

Wired - *represents having all wiring and terminations completed to the equipment*

Comm'd - *represents 'Commissioned' being able to function as designed, for it's intended purpose*

% Compl - *represents % complete weighting: 10% for rec;d, 20% for Installed, 30% for wired, 40% for commissioned*

Building Installation	Project Total	Unit of Measure	Found'n	Walls /Roof	Mech/ Elect	Comm'd	% Comp
Building Installation - On Track							
PCT (Protection/Control/Telecom) Building	1	%	100.0%	**100.0%**	**100.0%**	100.0%	**100.0%**

Definition of terms used:

Found'n - *represents the concrete foundation slab*

Walls/Roof - *represents the pre-cast walls and roof being erected*

Mech/Elect - *represents having all HVAC, fire alarm, lighting and distribution panels completed in building*

Comm'd - *represents 'Commissioned' being substantially complete as designed, for it's intended purpose*

% Compl - *represents % complete weighting: 20% for foundations, 40% for Walls/Roof, 30% for Mech/Elect, 10% for commissioned*

iii. Progress Photos – Civil & Electrical

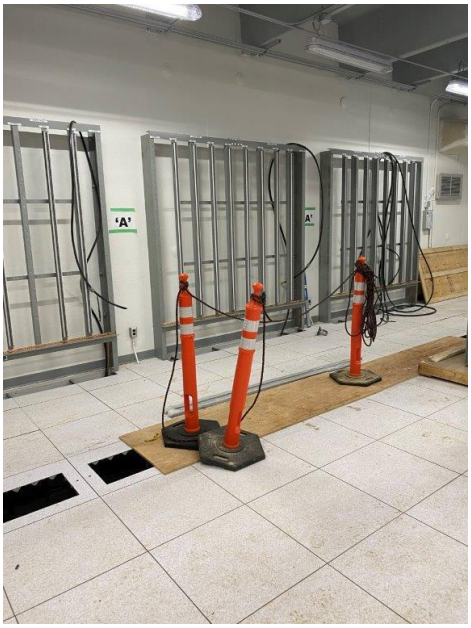
Wawa – TSS21 and panel installed

Wawa – Cable trench and cable pulling activities

Wawa – Breaker in Bay 1

Wawa – Bus work in Bay 1

iv. Progress Photos – Equipment & Building



Wawa – 'A' terminal rack installation

Wawa – "B" DC monitoring cabinets installed

Wawa – 'A' charger and switchgear

Wawa – RTU cabinets

2. Co-ordination efforts with Upper Canada Transmission Inc., operating as NextBridge Infrastructure, LP (NextBridge)

A. Station Connection:

i. Hydro One and NextBridge project teams continue to hold monthly meetings (conference calls) to discuss the project status, review and update schedules, as well as engineering, construction and outage issues related to connection of the NextBridge lines to Hydro One stations.

ii. Hydro One and NextBridge continue to develop a Construction Cost Recovery Agreement which describes the tasks and milestones/schedules for completing the connection of the NextBridge lines to Hydro One stations. It is being reviewed by both parties.

B. Occupancy of Hydro One Property

i. The Easement Agreements for the EWT line on Bill 58 lands for Lakehead TS and Marathon TS is complete and have been registered. The remaining Wawa TS station is in its final approval stage.

C. Staging Plan

i. A comprehensive outage plan has been received from NextBridge and has been incorporated into the Staging Plan which includes the five month delay requested by and granted to, NextBridge. New in-service line/station activities along with planned outage requirements have also been updated.

ii. Through coordination efforts, Hydro One and NextBridge are finalizing details of a commissioning plan to schedule tower and lines placement outside each station as per the new in-service date of March 31, 2022. The latest Staging plan allows for the in-servicing of all three stations and lines, at the same time.

iii. Hydro One has been assisting NextBridge in their Work Protection activities related to outages for lines construction, by providing for training and support.

3. Project Schedule Update:

Station Related Work Lakehead TS	Baseline Forecast	Current Forecast	Status
Drainage Environmental Compliance Approval (ECA) received	*1-Apr-19*	*1-Apr-19*	Complete
Station Readiness (infrastructure) and connection from towers into station	*19-Apr-21*	*15-Jul-20*	Complete
Station ready for In-Service	*29-May-21*	*29-May-21*	On Track

Station Related Work Marathon TS	Baseline Forecast	Current Forecast	Status
Re-submission of ECA permit application	*1-Nov-18*	*1-Nov-18*	Complete
NextBridge EWT IEA approval obtained	*1-Mar-19*	*1-Mar-19*	Complete
Drainage ECA received	*1-Oct-19*	*1-Oct-19*	Complete
HONI EA approval	*15-Oct-19*	*15-Oct-19*	Complete
Tree cutting commencement	*15-Oct-19*	*15-Oct-19*	Complete
Station Readiness (infrastructure) and connection from towers into station	*19-Apr-21*	*19-Apr-21*	On Track
Station ready for In-Service	*14-Jun-21*	*14-Jun-21*	On Track

Station Related Work Wawa TS	Baseline Forecast	Current Forecast	Status
Direction from MECP to Hydro One regarding Screening Level EA and Part II Order Request	*8-Nov-18*	*8-Nov-18*	Complete
NextBridge EWT IEA approval obtained	*1-Mar-19*	*1-Mar-19*	Complete
HONI EA approval	*30-Sep-19*	*30-Sep-19*	Complete
Tree cutting commencement (no permits required)	*1-Oct-19*	*1-Oct-19*	Complete
Station readiness (infrastructure)	*7-Dec-20*	*7-Dec-20*	On Track
Connection from towers into station	*19-Apr-21*	*19-Apr-21*	On Track
Station ready for In-Service	*28-Oct-21*	*28-Oct-21*	On Track

Nextbridge Related Interface Work	Baseline Forecast	Current Forecast	Status
Connection structures ready outside Lakehead TS (1)	*30-Mar-20*	*4-Feb-22*	Delayed
Connection structures ready outside Marathon TS (1)	*19-Apr-21*	*11-Feb-22*	Delayed
Connection structures ready outside Wawa TS (1)	*31-Aug-21*	*25-Feb-22*	Delayed
Conductor/OPGW/OHGW complete to structure outside Lakehead TS (1)	*15-Jul-20*	*4-Feb-22*	Delayed
Conductor/OPGW/OHGW complete to structure outside Marathon TS (1)	*15-Jun-21*	*11-Feb-22*	Delayed
Conductor/OPGW/OHGW complete to structure outside Wawa TS (1)	*31-Oct-21*	*25-Feb-22*	Delayed
Lines/Grounding Spec deliverables for Lakehead TS	*19-Oct-20*	*19-Oct-20*	Complete
Lines/Grounding Spec deliverables for Marathon TS	*19-Oct-20*	*19-Oct-20*	Complete
Lines/Grounding Spec deliverables for Wawa TS	*19-Feb-21*	*19-Feb-21*	Complete

Note (1): Current Forecast dates are proposed and have not been fully committed to by Nextbridge. These are a result of a project schedule change requested by NextBridge to accommodate COVID-19 related delays. Negotiations are still ongoing.

4. Project Cost Update:

Hydro One-Stations Upgrades Project Reporting Costs Table										
	COST CATEGORIES FOR HYDRO ONE'S STATION UPGRADES PROJECT REPORTING	ACTUALS SPENT		ORIGINAL BUDGET	FORECAST BUDGET VARIANCE					
		A SPENT THIS REPORTING PERIOD $	**B** TOTAL SPENT TO DATE $	**C** BUDGET PER LTC APPLICATION $ 000S	**D** FORECAST BUDGET CHANGE FROM LAST REPORT $	**E** FORECAST BUDGET CHANGE FROM LAST REPORT %	**F** REVISED TOTAL BUDGET	**G=F-B** BUDGET REMAINING $	**H=G/F*100** BUDGET REMAINING %	REASONS FOR CHANGE
1	**Materials**	2,369,529	60,153,845	51,337,000	0	0.00%	48,006,000	-12,147,845	-25.30%	no change
2	**Labour**	3,736,834	35,827,296	56,895,000	0	0.00%	56,150,000	20,322,704	36.19%	no change
3	**Equipment Rental and Contractor Costs**	1,264,835	9,913,752	8,920,000	0	0.00%	12,534,000	2,620,248	20.91%	no change
4	**Sundry**	253,938	2,579,942	1,305,000	0	0.00%	1,767,000	-812,942	-46.01%	no change
5	**Contingencies**	0	0	19,227,000	-2,700,000	-14.04%	16,527,000	16,527,000	85.96%	Carrying cost for delay
6	**Overhead**	796,759	11,803,116	13,367,000	0	0.00%	13,367,000	1,563,884	11.70%	no change
7	**Allowance for Funds During Construction**	763,230	5,248,703	6,264,000	2,700,000	43.10%	8,964,000	3,715,297	41.45%	Carrying cost for delay
8	**Other Costs**									
TOTAL CONSTRUCTION COSTS		**9,185,125**	**125,526,654**	**157,315,000**	**0**	**0%**	**157,315,000**	**31,788,346**	**20.21%**	

Note: The budget impact due to the 5 month delay in NextBridge's schedule, has been taken into consideration represented by the transfer of accounts from 'Contingencies' to "Allowance for Funds During Construction'.

For clarification, this table captures all costs incurred up until November 30, 2020

5. Risk Management Update:

Risk Description	Likelihood of Risk Occurring (High, Medium, Low)	Description of Impact of the Risk on the Project	Impact of the Risk on the Project	Mitigation of Risk and/or Impact
Delays in obtaining required EA approvals for Wawa TS	**No risk - complete**	Project delays/ cost overrun	High	Complete – approval granted
Delays in construction of 230kV Control building due to EA approval delay	**No risk - complete**	Project delays/ cost overrun	High	Complete – approval granted
Delays in obtaining required EA approvals for Marathon TS	**No risk - complete**	No impact	No impact	Complete – approval granted
Delays in obtaining funding for engineering and long-lead material	**No risk - complete**	No impact	No impact	Complete – funding received
Outage availability considerations due to COVID-19 pandemic disruption	**Meduim**	Project delays/ cost overrun	High	Coordinate and bundle outage requirements. Delays could cause activities to slide affecting both schedule and possibly cost.
Material delivery delay considerations	**Low**	Delay in procurement/delivery	Low	Monitor material status reports and contact vendor on a periodic basis. Delays could cause activities to slide affecting both schedule and possibly cost.
Soil conditions do not match samples in soil report	**No risk - complete**	No impact	No impact	Complete - risks have been mitigated using alternative construction measures.
NextBridge dead-end structure not designed to Hydro One standards	**Low**	Project delays/ cost overrun	Medium	Communication with NextBridge and monitoring of design. By not meeting HONI standards could cause re-design and delays to project schedule.
Commissioning resource availability due to compressed schedule	**No risk - complete**	Project delays/ cost overrun	No impact	Complete - resources acquired
Cost & Schedule impacts due to COVID-19 pandemic disruption.	**Meduim**	Project delays/ cost overrun	High	Looking for efficiency gains in work methods. Monitor affect of working with new social distancing measures and make adjustments as required.
NextBridge not being able to meet Hydro One's deliverable commitments and/or the in-service date	**Meduim**	Project delays/ cost overrun	High	Communication with NextBridge and tracking the Staging Plan. By not meeting HONI standards could cause re-design and delays to project schedule.