



**Engineering and Delivery**

October 28, 2016

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**GRTA Progress Report**

## Key Messages

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**Project Lead/Director:** Angel Aparicio, Director - GRTA/RARP  
**Executive Oversight:** Ellen Miller, VP- Engineering Services

**GRTA Budget (current estimate):** \$144,850,000

### Monthly Timeline with Key Milestones:

- ST 122 GIS installation finish by October 2016
- ST 122 above ground construction started in June 2016
- ST 80 above ground construction started in June 2016
- Circuit 623 under ground construction finished in July 2016
- Circuit 623 Power Cable Pulling started in July 2016
- Power Transformer T-6 delivered at ST 122 in July 2016

### Key Assumptions:

- Start Testing & Commissioning ST 80 Bay 4, in July 2016

### Key Project Developments:

- Outages Coordination with ECC/NYISO is challenging work progress. We have had difficulty keeping outages on the 345kV system due to system reliability concerns but several actions are being taken to mitigate the risk.

## Major Contracts (> \$1,000,000)

- ST 80 Civil Works: Awarded to Sertex
- ST122 Civil Works: Awarded to Ironwood
- ST 80 Above Ground: Awarded to Northline
- ST122 Above Ground: Awarded to O´Connell
- Transmission Lines Civil Works: RFP Prepared; Closing Engineering Review
- ST 80 345kV Power Cable: Awarded to ILJIN
- ST 122 Power Transformer: Awarded to Daewoo
- ST 80 and STA122 Steel Structure-Frames: Awarded to Valmont
- ST 122 115kV Power Cable: Awarded to Nexans
- Medium Voltage Power Cable Awarded to Okonite (750 MCM) and General Cable (500MCM)
- ST 122 Testing & Commissioning: Awarded to O´Connell
- Distribution, MV Circuits, Under Ground: Awarded to Power & Construction
- Distribution, MV Circuits, Power Cable Pulling: Awarded to O´Connell

## Timing of Major Contracts / Construction Activities

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• ST 80 Civil Works	Started:	October 2015	Finish:	October 2016
• ST 122 115kV GIS	Started:	May 2015	Finish:	October 2016
• ST 122 Civil Works (Bay 1)	Started:	January 2016	Finish:	February 2017
• ST 122 Civil Works (Bay 4 and 5)	Started:	January 2016	Finish:	December 2016
• Distribution MV Lines Civil Works	Started:	June 2016	Finish:	January 2017
• Distribution MV Lines Cable Pulling	Started:	June 2016	Finish:	February 2017
• ST 122 Above Ground	Started:	June 2016	Finish:	March 2017
• ST 80 Above Ground	Started:	June 2016	Finish:	January 2017
• ST 122 Testing & Commissioning	Started:	October 2016	Finish:	March 2017
• ST 80 Testing & Commissioning	Started:	November 2016	Finish:	March 2017

## Schedule/Project Changes

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### **Project in-service date & confidence level of projected dates:**

The estimated in-service date is March 2017. Project close-out activities, such as preparation of record drawings and finalization of project documents, would occur after this date.

**Updates to the schedule:** ISD March 2017

### **Updates to the construction duration:**

Some jobs have been delayed due to constructability issues and outages calendar

**Project scope/cost changes:** No change

**Field changes to prior project plans:** No change

## Staffing

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**Project Manager:** Eric Burkhartzmeyer  
Kenny Construction  
Project Manager  
1300 Scottsville Road, 2<sup>nd</sup> Floor  
Rochester, NY 14624-5128  
1-224-315-9725 (office)

**Substation Construction Manager:**  
Jesus Ramos Santiago  
Lead Engineer - Electric System Engineering  
1300 Scottsville Road, 2<sup>nd</sup> Floor  
Rochester, NY 14624-5128  
1-585-724-8525 (office)

**Head of Transmission Lines and MV:**  
Kremena Todorova  
Manager – Programs & Projects  
1300 Scottsville Road, 2<sup>nd</sup> Floor  
Rochester, NY 14624-5128  
1-585-724-8540 (office)

**Project Controller:** Isidro Vazquez  
Manager – Programs & Projects  
1300 Scottsville Road, 2<sup>nd</sup> Floor  
Rochester, NY 14624-5128  
1-585-724-8550 (office)

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## Permits & Approvals

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### DEC Permits:

- Station 80: SPDES permit for SWPPP – Obtained Nov. 20, 2015
- Station 122: Wetland permit – Received Mar. 14, 2016

### PSC Approvals:

- PSC authorization to expand Station 80 - Issued July 21, 2015

### US ACE Permits:

- Station 80 - Issued Oct. 28, 2015, conditioned upon wetland mitigation
- Station 122 - Issued Jan. 22, 2016

### Local Permits:

- Town of Perinton Site plan approval - Issued Nov. 20, 2015

## Responsible Officer Statement

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The GRTA Project Report dated October 28, 2016 is true and accurate based on my information and belief.



Ellen Miller  
Vice President–Engineering Services