

Power Downtown Toronto – 2024 Project Update



Good morning,

With 2024 well underway, we are sharing an update on our Power Downtown Toronto project, which includes upgrading underground cables between our Esplanade Transformer Station (TS) located at The Esplanade and Lower Sherbourne St. and Terauley TS located at Bay St. and Foster Pl. The existing underground cables have served the downtown core since the 1950s and need replacing. As part of this, we are building an underground tunnel for the new cables along with entry points at each station ([click here for the route](#)). We anticipate the project will be complete and in-service in 2026.

What's new



Photo of tunnel boring machine at Esplanade TS before it was lowered underground in January 2023.

Crews have made steady progress since the start of our construction in 2022, which included site preparation and building entry points at each TS followed by underground tunnelling. The tunnel is approximately 25m underground, 3m in diameter and 2.5km long. The machine allows most construction to take place underground along the route, which helps minimize disruptions to residents and businesses by reducing noise and road closures.

What's next



Photo of the new tunnel near the mid-point.

We anticipate the tunnel boring machine will reach Terauley TS over the next few weeks. Once the 2.5 km journey is complete, crews will then need to remove the machinery from the tunnel and entry point using a crane. The tunnel boring machine is slow yet mighty as it has been moving approximately 10 metres a day. Once the machine is removed, crews will continue tunnel construction followed by cable and other equipment installation in 2026.

Stay in touch

We are pleased to have an on-site Construction Ambassador who is available to meet with residents during construction. If you have any questions, please contact **Rick Parnell** at **(647) 969-5744**.

To be added or removed from this contact list, please email Community.Relations@HydroOne.com.