Ontario Energy Board | Commission de l'énergie de l'Ontario

BY EMAIL AND WEB POSTING

September 19, 2025

To: All Licensed Electricity Distributors
All Participants in Consultation Process EB-2019-0207
All Other Interested Parties

Re: Distribution System Capacity Information Map Phase 2 – Inclusion of Available DER Hosting Data Requirements
(EB-2019-0207)

What You Need to Know

- **The OEB plans to launch a Centralized Capacity Information Map in December 2025.**
- **This letter and appendix detail the format and data distributors must provide on available DER hosting capacity.**
- **Distributors must submit data by October 31, 2025.**

As communicated in an Ontario Energy Board (OEB) letter dated June 26, 2025, a Centralized Capacity Information Map (CCIM), is expected to launch in December 2025. The CCIM will provide both available load capacity and hosting capacity for distributed energy resources (DERs). This initiative aligns with the Minister of Energy and Mines' Integrated Energy Plan Directive to the OEB.

This letter sets out the OEB's requirements for electricity distributors to submit available **distributed energy resource (DER) hosting capacity data** for inclusion in the CCIM. This data will enable DER developers, planners, and customers to better identify locations for new generation facilities, engage more effectively with distributors about

connection feasibility, and reduce barriers and delays in the early stages of project development.

To support the launch of the CCIM, all distributors are required to submit available DER hosting capacity data for feeders 4 kilovolt (kV) and above **by October 31, 2025**. Required information is set out in this letter and further detailed under *Appendix – Part B*. Submissions are to be made to Planview Utilities Services Limited (Planview USL), the vendor for deployment of the CCIM as selected by the OEB. The June 26, 2025 letter set out requirements for distributors to submit data related to the capacity to connect new load and those requirements have not changed.

Distributors are required to provide this information further to the licence condition that speaks to the provision of information in the form and manner required by the OEB. As with load capacity information, the available hosting capacity data submitted to develop the CCIM is intended for screening purposes only and does not replace the distributor's detailed connection impact assessment (CIA) process.

Distributors are expected to apply consistent calculation methodologies appropriate to their systems and maintain internal documentation of their chosen approach. A description of a distributor's methodology may occasionally be requested by OEB staff to inform, among other things, understanding of variance in practices and approaches among distributors.

What We Heard

OEB staff leveraged the Capacity Information Map (CIM) Working Group (comprised of representatives from distributors, developers, consumer advocates, intervenors and industry associations) to analyze available DER hosting capacity data requirements for the CCIM. A separate technical working group, led by Hydro One Networks Inc. (Hydro One), focused on calculation methods. Discussions took place between July and September of this year.

CIM working group participants provided feedback on the proposed available DER hosting capacity design and data requirements of the CCIM.

Stakeholders generally supported the objectives of creating an available DER hosting capacity application for the centralized map while raising practical considerations about design methodology, DER hosting capacity calculation methodology and update frequency.

Near the outset of CIM meetings, Hydro One was invited to share insights and design considerations from its experience in the development of the utility's own available DER hosting capacity map. Many working group members expressed support for the CCIM to

adopt and reflect Hydro One's design structure, which allows for differentiation in connection capacity based on differences in type and operation of different kinds of resources.

Stakeholders noted that differences in calculation methodologies among distributors may lead to inconsistencies in reported values. While a single uniform methodology was not requested, there was support for clear attribute definitions and reporting templates to minimize interpretive differences and streamline submissions.

Stakeholders highlighted the importance of a structured process for submissions, given the interdependence between elements on the system, and the need to resolve potential conflicts between upstream and downstream capacity values. To address this issue, stakeholders agreed that distributors should retain discretion to determine their capacity values and collaborate through a timebound review process with Planview USL to resolve upstream capacity conflicts, where applicable.

Several stakeholders underscored the need for the CCIM to remain current. In considering the option of quarterly updates to the CCIM DER information, developers favoured more frequent refresh intervals. Distributors acknowledged that, in practice, their internal systems are updated more frequently than quarterly but advised that they would still require time to mature their processes to meet a requirement for updates more frequent than every three months.

Design and Implementation

After considering stakeholder feedback and the unique challenges associated with DER integration, the OEB has determined the approach for mapping available DER hosting capacity within the CCIM.

To align with the objectives of the CCIM and support comparability and transparency, available DER hosting capacity information will be presented in a standardized format across all distributors. Consistent with design choices made regarding the load capacity layer[1], data displays of hosting capacity will likewise ensure that sensitive infrastructure details are not disclosed. The general approach is summarized below. The details of the reporting requirements are set out in the Appendix.

[1] For the purposes of the CCIM, a "layer" refers to a distinct dataset displayed on the map interface (e.g., the load capacity layer and the DER hosting capacity layer). Each layer provides a different type of information and may be viewed individually or in combination to support early screening of connection opportunities.

Design

For the purpose of displaying available DER hosting capacity, the CCIM will adopt a layered, area-based design approach while enabling the display of multiple hosting capacity values per feeder within an area polygon. This approach reflects and builds upon design elements implemented by Hydro One in its own map of available DER hosting capacity. The layered design supports the provision of the differentiated capacity values for distinct DER connection types, categorized as follows:

- MicroDER (up to 10kW projects) only
- Inverter-based Exporting DER
- Inverter-based Non-Exporting DER
- Non-inverter based Exporting DER
- Non-inverter based Non-Exporting DER

Each feeder within an area polygon will display a capacity value in megawatts or kilowatts, as appropriate. This structure allows users to screen for DER hosting capacity relevant to their specific project type, while maintaining a high-level geographic display that avoids disclosure of sensitive infrastructure details.

To support consistency across distributor submissions, the CCIM will standardize attribute definitions and visualization formats. As with the design of the loading capacity layer, hosting capacity values will be presented using intuitive colour gradients and interactive geographic overlays. The design will comply with Accessibility for Ontarians with Disabilities Act, 2025 (AODA) requirements.

A disclaimer will clarify that the map is intended for screening purposes only and does not replace the formal preliminary consultation or CIA process.

Consistent with the approach taken to the data provided in respect of available capacity for incremental load, distributors must ensure that no personal information, as defined under the *Freedom of Information and Protection of Privacy Act* (FIPPA), is included in their submissions for the DER layer. Likewise, where DER hosting capacity data cannot be disclosed due to security or privacy concerns, distributors may omit or generalize the information but be prepared to provide a rationale to the OEB upon request.

Implementation

The OEB’s vision and expectations for the CCIM remain as stated in earlier correspondence. The CCIM is intended to serve as a provincially seamless, centralized platform for initial screening of both available load and available DER hosting capacity.

Distributors are expected to refresh CCIM's DER Hosting Capacity data on a quarterly basis. While this quarterly cadence will be used initially, as a means of balancing timeliness and practicality, the OEB may increase the update frequency as distributors gain more experience with the reporting process.

The CCIM will also feature two additional steps in the workflow to accommodate the significance of interdependencies between system elements in the identification of available hosting capacity for distributed resources.

1. *Upstream data provision*: In order to support distributors' efforts to report available DER hosting capacity on their own systems, Planview will provide data regarding Hydro One's upstream available DER hosting capacity no later than thirty (30) calendar days in advance of distribution-level data submission/refresh deadlines.

2. *New data quality screening process*: As part of the data submission process, a distributor's uploaded data will be screened for conflicts against values reported for Hydro One upstream available DER hosting capacity. Any instances where a distributor's feeder capacity value is greater than the upstream capacity value will be reported to the distributor through an exception report prepared and provided by Planview USL within (9) nine calendar days following a distributor's submission. Distributors are expected to resolve identified conflicts within (7) seven calendar days of the issuance of an exception report. This process will help ensure data integrity, maintain the CCIM refresh cycle, and enhance the accuracy and reliability of information provided to users.

Any distributor whose system is served by a host other than Hydro One is encouraged to coordinate with its upstream host distributor to determine any applicable upstream limits as early as feasible in its data preparation process.

The scope of the upstream data availability and quality control screening process may be expanded over time, as better data practices and workflow challenges become clearer.

To assist distributors further, the Appendix section to this letter consolidates the requirements for submission of available both load capacity and available DER hosting capacity data. The requirements for load capacity remain unchanged from those issued on June 26, 2025, and are reproduced here for ease of reference alongside the new DER hosting capacity requirements.

Next Steps and Support

Data submissions will be made through Planview USL, using the same secure submission channels established for available load capacity data. Planview USL will also provide templates and technical specifications to assist with data preparation.

In response to issues arising during the available load capacity data submission phase, the OEB also wishes to clarify that the submission of spatial data is required in what is referred to as 'polyline' format, representing actual feeder topology. Planview USL's workflow is designed such that a distributor's polyline submissions are translated into polygon representations on a standardized basis for display within the CCIM. This approach ensures a consistent province-wide presentation while mitigating privacy and security risks. Distributors may continue to submit polygon data for the 2025 reporting cycle; however, beginning in 2026, polygon submissions will no longer be accepted.

For troubleshooting and support related to data submission process, distributors may contact Mel Buske, Program Manager at melissa.buske@planiew.ca

Distributors encountering implementation challenges are encouraged to contact OEB staff as early as possible to discuss available support options. General inquiries may be directed to IndustryRelations@oeb.ca.

Yours truly,

Brian Hewson
Vice President, Consumer Protection & Industry Performance

Appendix: Centralized Capacity Information Map Data Submission Requirements for Distributors

This appendix consolidates the data submission requirements for both load capacity and DER hosting capacity. All licensed electricity distributors are expected to prepare and submit standardized data for each primary feeder 4 kV and above through the OEB's selected platform operator, Planview USL.

Distributors must submit spatial capacity data using GeoJson, ACAD, or other ESRI-compatible geospatial formats (.shp, FileGDB, etc). Data is also accepted in tabular form. Distributors must file spatial data regarding DER hosting capacity in the same format used for reporting available load capacity.

Distributors must ensure that no personal information, as defined under the Freedom of Information and Protection of Privacy Act (FIPPA), is included in their submissions. Where capacity data cannot be disclosed due to security or privacy concerns, distributors may omit or generalize the information but must be prepared to provide a rationale to the OEB upon request.

Distributors are expected to apply calculation methodologies appropriate to their systems, apply them consistently, and maintain internal documentation of their chosen approach. A description of a distributor's methodology may occasionally be requested by OEB staff to inform, among other things, understanding of variance in practices and approaches among distributors.

Distributors are expected to expeditiously respond to and assist in the resolution of any data integrity or accuracy issues identified by Planview USL.

Part A – Available Load Capacity Data Submission Requirements

1. Required Data Elements

Distributors are expected to provide available capacity data for each primary feeder 4 kV and above within their service area. The following attributes are required:

Table 1: Required Attributes

Attribute	Unit / Format	Notes
Feeder Name	Alphanumeric	Unique feeder identifier used by distributor (i.e. 21F5 = Pinecrest Feeder 5)
Feeder Line-to-Line Voltage (3-phase)	kV	Required for 3-phase systems

Feeder Line-to-Neutral Voltage (1-phase)	kV	Required for 1-phase systems
Configuration	Category	Indicated as Overhead or Underground for the appropriate segments
Feeder Available Capacity	kVA	Calculated in accordance with guidance: Planning Limit – Peak Load

Distributors should also provide the platform operator with the URLs of any embedded distributor website links that will be included within the CCIM.

2. Available Load Capacity Calculation Methodology

Distributors should calculate available capacity using the following formula as a general guideline:

Feeder Available Capacity (kVA) = Feeder Planning Limit (kVA) – Feeder Peak Load (kVA)

- ***Feeder Planning Limit*** should reflect thermal constraints, operational practices, upstream limitations, system constraints, committed/reserved capacity and other conditions.
- ***Feeder Peak Load*** may be based on the most recent seasonal peak (summer or winter) or a rolling average of previous years' peaks, as determined by the distributor's planning practices.

3. Data Format and Submission

Distributors will submit their information through a secure web client that uses SFTP protocol for the data transfer.

- ***GIS-enabled distributors*****:** Submit spatial capacity data using GeoJson, ACAD, or other ESRI-compatible geospatial formats (.shp, FileGDB, etc). Provide associated data in accordance with *Table 1: Required Attributes*.
- ***Non-GIS-enabled distributors*****:** Submit capacity data in tabular form in accordance with *Table 2: Sample Tabular Data Model,* accompanied by static spatial visual maps, where applicable.

Table 2: Sample Tabular Data Model

Feeder Name	Configuration	Available Capacity (kVA)	3 Phase Line to Line Voltage (kV)	1 Phase Line to Neutral Voltage (kV)
24M10	Underground	3200	27.6	16.0
25M12	Underground	5600	13.8	8.0
24F3	Overhead	7350	13.8	8.0

Part B – Available DER Hosting Capacity Data Submission Requirements

1. Required Data Elements

Distributors are expected to provide available DER hosting capacity spatial data for each feeder, with one of the following two options for submission:

- ***Option 1 – Single Spatial File***: One file containing all attributes and calculations (see Table 3).
- ***Option 2 – Five Spatial Files***: Separate files for each DER category (see Tables 4–8).

Option 1: Required Attributes in a Single Spatial File

Table 3: Single Spatial File

Attribute	Unit / Format	Sample Value	Notes
Station Name	Alphanumeric	*Aberdeen*	Station name - either by Hydro One convention or LDC-owned name
Feeder Name	Alphanumeric	*41F2*	Unique feeder identifier used by distributor (i.e., 21F5 = Pinecrest Feeder 5)
Feeder Configuration	Category	*Underground*	Indicated as Overhead, Underground or Mixed (if both Overhead and Underground are included) for the appropriate segments
Feeder Line-to-Line Voltage (3-phase)	kV	*27.6*	Required for 3-phase systems
Feeder Line-to-Neutral Voltage (1-phase)	kV	*16*	Required for 1-phase systems
Upstream Station Name	Alphanumeric	*Almonte*	Name of the station supplying the upstream feeder (i.e. M-class) – either by Hydro One convention or LDC owned name **leave blank if not applicable* *** refer to Upstream Station Name Clarification below*
Upstream Feeder Name	Alphanumeric	*21F5*	Unique feeder identifier used by distributor (i.e., 21F5 = Pinecrest Feeder 5) **leave blank if not applicable*
Upstream Available Capacity: Micro DER	MW	*2.05*	The limiting value for the upstream feeder capacity – obtained from Hydro One or calculated by the LDC depending on the supply scenario **leave blank if not applicable*
Upstream Available Capacity: Inverter Based Exporting DER	MW	*2.0*	The limiting value for the upstream feeder capacity – obtained from Hydro One or calculated by the LDC depending on the supply scenario **leave blank if not applicable*
Upstream Available Capacity: Inverter Based Non-Exporting DER	MW	*2.0*	The limiting value for the feeder capacity – obtained from Hydro One or calculated by the LDC depending on the supply scenario **leave blank if not applicable*
Upstream Available Capacity: Non-Inverter Based Exporting DER	MW	*2.0*	The limiting value for the upstream feeder capacity – obtained from Hydro One or calculated by the LDC depending on the supply scenario **leave blank if not applicable*

Attribute	Unit / Format	Sample Value	Notes
Upstream Available Capacity: Non-Inverter Based Non-Exporting DER	MW	*2.0*	The limiting value for the upstream feeder capacity – obtained from Hydro One or calculated by the LDC depending on the supply scenario **leave blank if not applicable*
Available DER Hosting Capacity: Micro DER	kW	*515*	Calculated by the LDC
Available DER Hosting Capacity: Inverter Based Exporting DER	MW	*1.5*	Calculated by the LDC
Available DER Hosting Capacity: Inverter Based Non-Exporting DER	MW	*1.5*	Calculated by the LDC
Available DER Hosting Capacity: Non-Inverter Based Exporting DER	MW	*1.5*	Calculated by the LDC
Available DER Hosting Capacity: Non-Inverter Based Non-Exporting DER	MW	*1.5*	Calculated by the LDC

Option 2: Required Attributes in Five Spatial Files

Table 4: Individual File - Micro DER

Attribute	Unit / Format	Sample Value	Notes
Station Name	Alphanumeric	Woodsley	Station name - either by Hydro One convention or LDC-owned name
Feeder Name	Alphanumeric	25F1	Unique feeder identifier used by distributor (i.e., 21F5 = Pinecrest Feeder 5)
Feeder Configuration	Category	Overhead	Indicated as Overhead, Underground or Mixed (if both Overhead and Underground are included) for the appropriate segments
Feeder Line-to-Line Voltage (3-phase)	kV	27.6	Required for 3-phase systems
Feeder Line-to-Neutral Voltage (1-phase)	kV	16	Required for 1-phase systems
Upstream Station Name	Alphanumeric	*Almonte*	Name of the station supplying the upstream feeder (i.e. M-class) – either by Hydro One convention or LDC owned name **leave blank if not applicable* *** refer to Upstream Station Name Clarification below*
Upstream Feeder Name	Alphanumeric	*21F5*	Unique feeder identifier used by distributor (i.e., 21F5 = Pinecrest Feeder 5) **leave blank if not applicable*
Upstream Available Capacity: Micro DER	MW	*2.16*	The limiting value for the upstream feeder capacity - obtained from Hydro One or calculated by the LDC, depending on the supply scenario
Available DER Hosting Capacity: Micro DER	kW	515	Calculated by the LDC

Table 5: Individual File - Inverter Based Exporting DER

Attribute	Unit / Format	Sample Value	Notes
Station Name	Alphanumeric	Rockland	Station name - either by Hydro One convention or LDC-owned name
Feeder Name	Alphanumeric	31F3	Unique feeder identifier used by distributor (i.e., 21F5 = Pinecrest Feeder 5)
Feeder Configuration	Category	Underground	Indicated as Overhead, Underground or Mixed (if both Overhead and Underground are included) for the appropriate segments
Feeder Line-to-Line Voltage (3-phase)	kV	27.6	Required for 3-phase systems
Feeder Line-to-Neutral Voltage (1-phase)	kV	16	Required for 1-phase systems
Upstream Station Name	Alphanumeric	*Almonte*	Name of the station supplying the upstream feeder (i.e. M-class) – either by Hydro One convention or LDC owned name **leave blank if not applicable* *** refer to Upstream Station Name Clarification below*
Upstream Feeder Name	Alphanumeric	*21F5*	Unique feeder identifier used by distributor (i.e., 21F5 = Pinecrest Feeder 5) **leave blank if not applicable*
Upstream Available Capacity: Inverter Based Exporting DER	MW	*2.16*	The limiting value for the upstream feeder capacity - obtained from Hydro One, or calculated by the LDC depending on the supply scenario
Available DER Hosting Capacity: Inverter Based Exporting DER	MW	*1.5*	Calculated by the LDC

Table 6: Individual File - Inverter Based Non-Exporting DER

Attribute	Unit / Format	Sample Value	Notes
Station Name	Alphanumeric	Sutherland	Station name - either by Hydro One convention or LDC-owned name
Feeder Name	Alphanumeric	12F2	Unique feeder identifier used by distributor (i.e., 21F5 = Pinecrest Feeder 5)
Feeder Configuration	Category	Underground	Indicated as Overhead, Underground or Mixed (if both Overhead and Underground are included) for the appropriate segments
Feeder Line-to-Line Voltage (3-phase)	kV	27.6	Required for 3-phase systems
Feeder Line-to-Neutral Voltage (1-phase)	kV	16	Required for 1-phase systems
Upstream Station Name	Alphanumeric	*Almonte*	Name of the station supplying the upstream feeder (i.e. M-class) – either by Hydro One convention or LDC owned name **leave blank if not applicable* *** refer to Upstream Station Name Clarification below*
Upstream Feeder Name	Alphanumeric	*21F5*	Unique feeder identifier used by distributor (i.e., 21F5 = Pinecrest Feeder 5) **leave blank if not applicable*
Upstream Available Capacity: Inverter Based Non-Exporting DER	MW	*2.16*	The limiting value for the upstream feeder capacity - obtained from Hydro One or calculated by the LDC depending on the supply scenario
Available DER Hosting Capacity: Inverter Based Non-Exporting DER	MW	*1.5*	Calculated by the LDC

Table 7: Individual File - Non-Inverter Based Exporting DER

Attribute	Unit / Format	Sample Value	Notes
Station Name	Alphanumeric	Greenfield	Station name - either by Hydro One convention or LDC-owned name
Feeder Name	Alphanumeric	23M3	Unique feeder identifier used by distributor (i.e., 21F5 = Pinecrest Feeder 5)
Feeder Configuration	Category	Underground	Indicated as Overhead, Underground or Mixed (if both Overhead and Underground are included) for the appropriate segments
Feeder Line-to-Line Voltage (3-phase)	kV	27.6	Required for 3-phase systems
Feeder Line-to-Neutral Voltage (1-phase)	kV	16	Required for 1-phase systems
Upstream Station Name	Alphanumeric	*Almonte*	Name of the station supplying the upstream feeder (i.e. M-class) – either by Hydro One convention or LDC owned name **leave blank if not applicable* *** refer to Upstream Station Name Clarification below*
Upstream Feeder Name	Alphanumeric	*21F5*	Unique feeder identifier used by distributor (i.e., 21F5 = Pinecrest Feeder 5) **leave blank if not applicable*
Upstream Available Capacity: Non-Inverter Based Exporting DER	MW	*2.16*	The limiting value for the upstream feeder capacity - obtained from Hydro One or calculated by the LDC depending on the supply scenario
Available DER Hosting Capacity: Non-Inverter Based Exporting DER	MW	*1.5*	Calculated by the LDC

Table 8: Individual File - Non-Inverter Based Non-Exporting DER

Attribute	Unit / Format	Sample Value	Notes
Station Name	Alphanumeric	Bluewood	Station name - either by Hydro One convention or LDC-owned name
Feeder Name	Alphanumeric	33F5	Unique feeder identifier used by distributor (i.e., 21F5 = Pinecrest Feeder 5)
Feeder Configuration	Category	Overhead	Indicated as Overhead, Underground or Mixed (if both Overhead and Underground are included) for the appropriate segments
Feeder Line-to-Line Voltage (3-phase)	kV	27.6	Required for 3-phase systems
Feeder Line-to-Neutral Voltage (1-phase)	kV	16	Required for 1-phase systems
Upstream Station Name	Alphanumeric	*Almonte*	Name of the station supplying the upstream feeder (i.e. M-class) – either by Hydro One convention or LDC owned name **leave blank if not applicable* *** refer to Upstream Station Name Clarification below*
Upstream Feeder Name	Alphanumeric	*21F5*	Unique feeder identifier used by distributor (i.e., 21F5 = Pinecrest Feeder 5) **leave blank if not applicable*
Upstream Available Capacity: Non-Inverter Based Non-Exporting DER	MW	*2.16*	The limiting value for the upstream feeder capacity - obtained from Hydro One or calculated by the LDC depending on the supply scenario
Available DER Hosting Capacity: Non-Inverter Based Non-Exporting DER	MW	*1.5*	Calculated by the LDC

**** Upstream Station Name Clarification**

The following illustrates two scenarios depicting how “Station Name” and “Upstream Station Name” should be entered:

i) Distributor directly supplied from a Transformer Station (TS)
If an distributor is providing available capacity with a supply taken directly from a TS owned by Hydro One or another distributor:

- Station Name: Transformer Station (e.g., Almonte TS)
- Feeder Name: M-class feeder designation (e.g., 27M12)
- Upstream Station Name: N/A
- Upstream Feeder Name: N/A

ii) Distributor supplied from a Distribution Station (DS) fed by a TS
If a distributor is providing available capacity with a supply taken from a DS station that is fed by an upstream feeder from a TS owned by Hydro One or another up distributor:

- Station Name: Distribution Station (e.g., Aberdeen DS)
- Feeder Name: F-class feeder designation (e.g., 21F5)
- Upstream Station Name: Transformer Station (e.g., Almonte TS)
- Upstream Feeder Name: M-class feeder designation (e.g., 27M12)

2. Available Hosting Capacity Calculation

Distributors are expected to apply a calculation methodology appropriate to their systems and apply it consistently across all feeders. At a minimum, reported available hosting capacity for a downstream element should not exceed the reported upstream available capacity.

3. Data Format and Submission

All licensed distributors are expected to submit their spatial data through the same secure web client using the SFTP protocol established for CCIM data transfer.

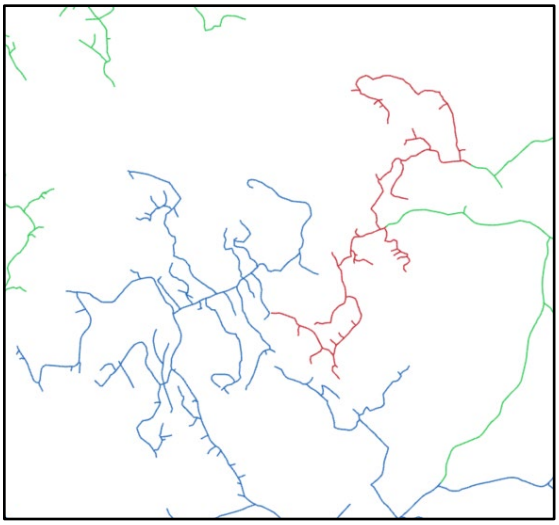
Distributors must provide spatial data in a consistent manner for each capacity layer. For example, if polylines were submitted in a shapefile for available load capacity, polylines in a shapefile are required for available DER hosting capacity. If polygons were submitted in Geojson for available load capacity, polygons in Geojson should be

submitted for available DER hosting capacity. Planview USL will then process these files by converting them into standardized polygon representations for the CCIM.

Distributors that provide polygon data may continue to do so for the 2025 reporting cycle. However, the OEB is requiring that starting with the 2026 data submission/refresh cycle, Planview USL will only accept polyline data submission and **will no longer accept or support polygon spatial submissions** for both available load capacity and available DER hosting capacity**.** Refer to Figure 1 for a comparison between polylines and polygons data formats.

Figure 1. Polyline vs Polygon Data Formats

Polyline



Polygon

4. Upstream Data Availability & Quality Control Process

Hydro One is expected to provide upstream available DER hosting capacity based on the upstream assets such as transformer stations and distribution stations, as applicable, in advance of the standard CCIM submission deadlines.

Planview USL will provide Hydro One's upstream feeder hosting capacity data no less than thirty (30) calendar days before distribution-level data submission/refresh deadlines.

Any identified conflicts between pre-submitted upstream available capacity data and a distributor's reported available capacity will be reported to the distributor through an exception report prepared and provided by Planview USL within (9) nine calendar days following a distributors submission.

Distributors are expected to resolve identified conflicts within (7) seven calendar days of issuance of an exception report.

5. Available Hosting Capacity Ranges

To maintain consistency of data representation, the available DER hosting capacity information submitted by distributors will be classified under one of the following ranges as the CCIM evolves. Additional classifications may be introduced as needed to better suit user needs:

Micro DER

- 0 kW - restricted
- Up to 10 kW
- Up to 100 kW
- >100 kW

Non-Micro DER

- 0 MW - restricted
- Up to 0.5 MW
- Up to 1 MW
- Up to 3 MW
- Up to 10 MW
- >10 MW