SEPTEMBER 23, 2025

Kitchener-Waterloo-Cambridge-Guelph (KWCG) Electricity Planning

Engagement Webinar #3
Addressing Priority Needs and Identifying Remaining Needs

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Land Acknowledgement

The IESO acknowledges that the Kitchener-Waterloo-Cambridge-Guelph Region is the traditional territory of Anishinaabe, Attiwonderonk and Haudenosaunee people.

The IESO would also like to acknowledge all First Nations, Inuit and Métis peoples and their valuable past and present contributions to this land.

Agenda

1. Land Acknowledgement
2. Ontario's Electricity Sector and IESO's Role
3. Recap: Regional Electricity Planning Process, the Demand Forecasts, Priority Electricity Needs & Option Screening
4. Options Analysis and Draft Recommendations to Address Priority Needs
5. Discussion
6. Remaining Needs and Screened-In Options
7. Discussion
8. Coordination with the South and Central Bulk Plan
9. Next Steps

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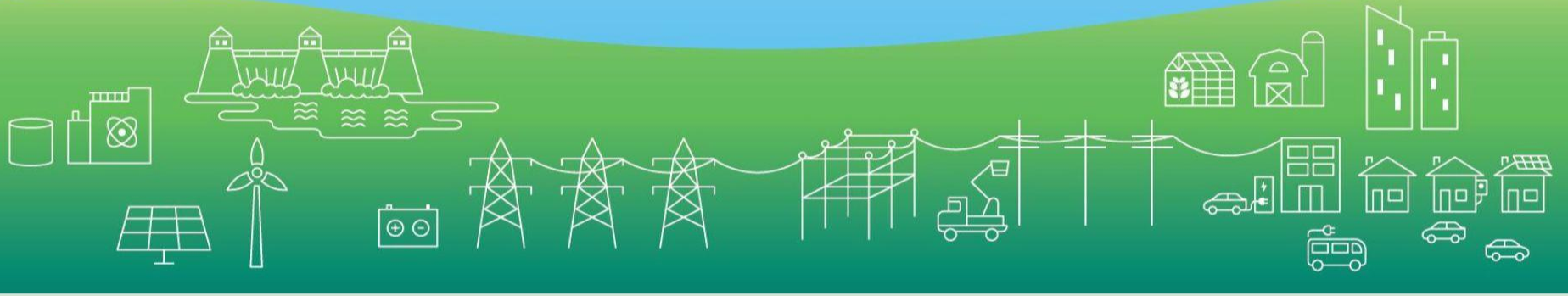


We work with:

Generators >>> **Transmitters** >>> **Local Distribution Companies** >>> **Energy Consumers**

<<< **Communities** >>>

Seeking Input: Regional Planning

As you listen today, the IESO is seeking input on the draft recommendations to address priority needs, and the remaining needs and the options screening analysis conducted for those needs. Discussion questions will be provided; however, to guide the discussion, please consider the following themes:

Draft recommendations to address priority needs:

- Considerations for feedback regarding the draft recommendations.
- Additional information to consider regarding the draft recommendations.
- Considerations for engaging interested parties as the recommendations to address priority needs are implemented.
- **Please submit written comments by September 29, 2025.**

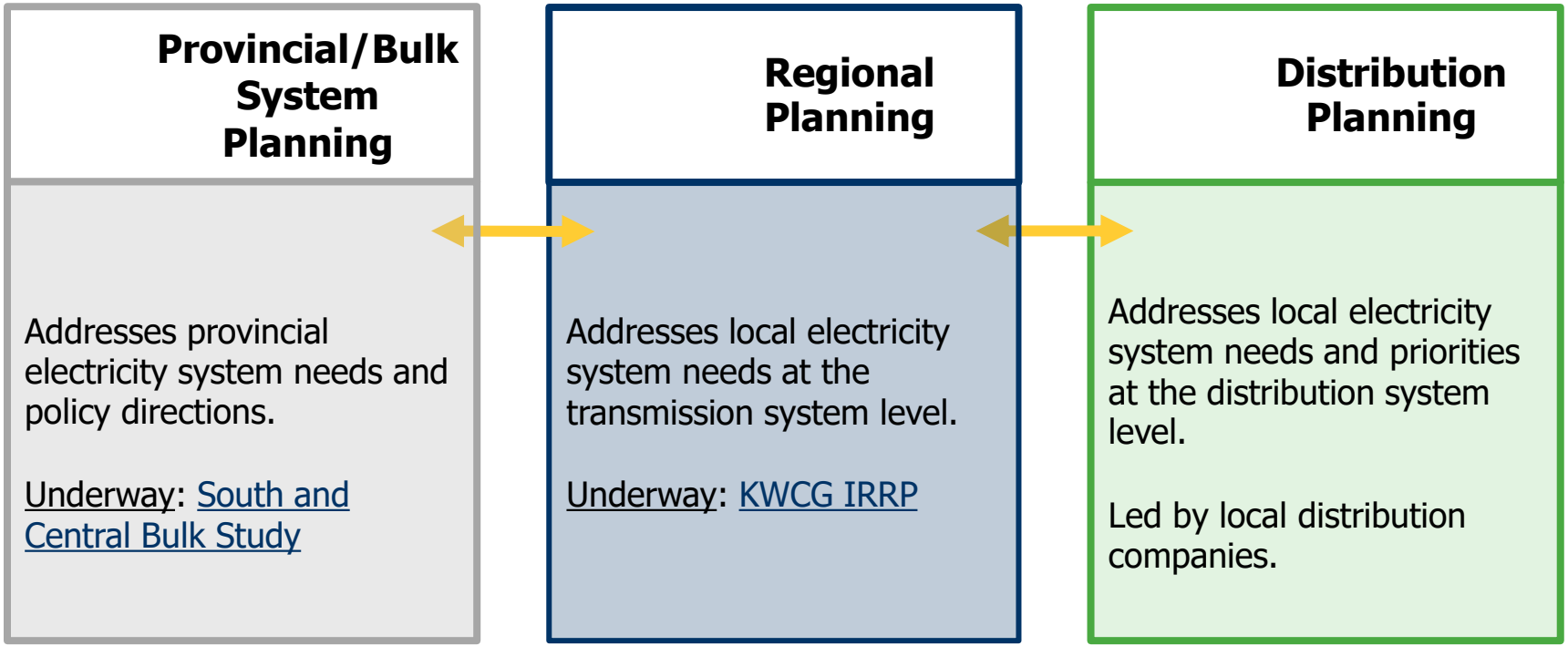
Proposed identified remaining needs and options screening analysis:

- Perspectives on high-level wire and non-wire options screening.
- Additional information to consider in the assessment of options for these needs.
- Other information that could be provided in future engagements to better understand perspectives.
- **Please submit written comments by October 14, 2025.**

Please submit your written comments by email to engagement@ieso.ca

Recap: Regional Electricity Planning Process, Demand Forecasts, Priority Needs & Option Screening

Electricity Planning in Ontario



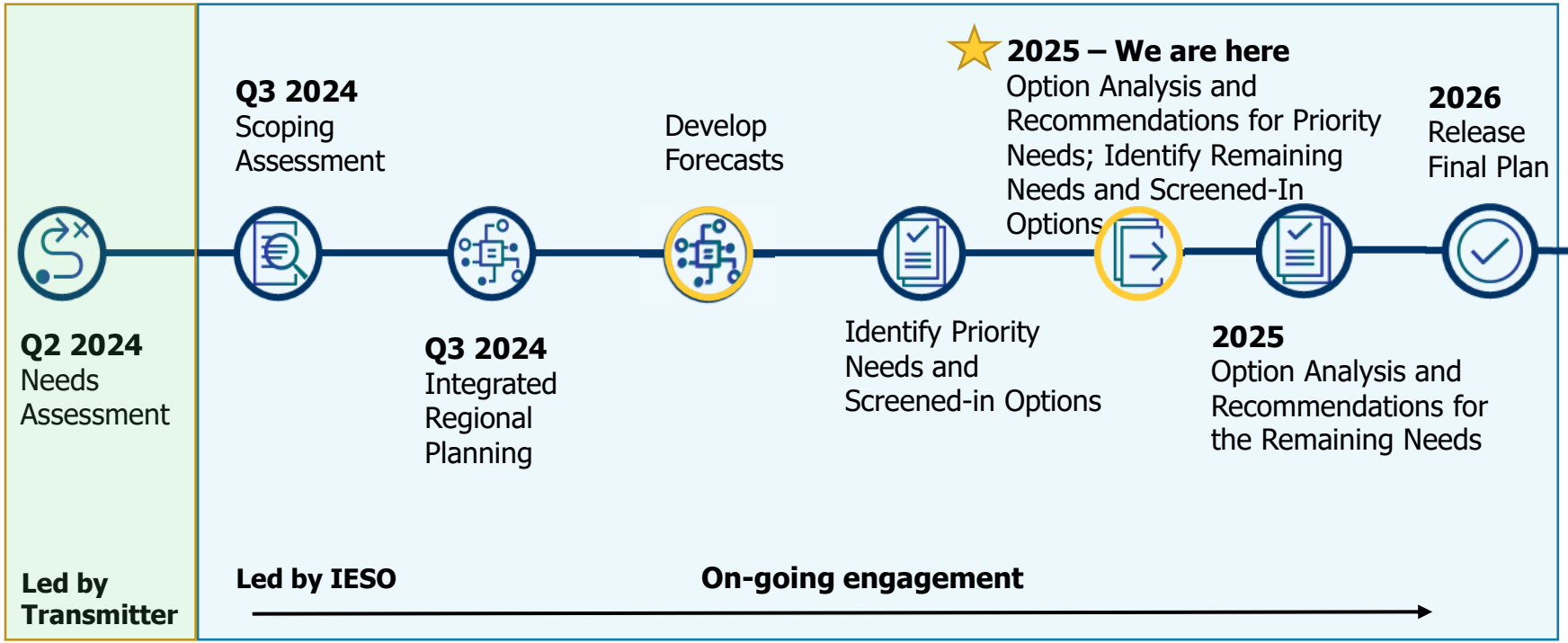
Electricity Planning in KWCG

- Since 2013, the IESO has undertaken regional planning work to address electricity needs.
- Recommendations included electricity Demand Side Management (eDSM), distributed generation, transmission refurbishments, and replacing end-of-life equipment to ensure a continued reliable supply of electricity.
- More electricity planning is on the way:
  - The ongoing South and Central bulk study will determine transmission needs required to enable economic development, electrification, and growth between the Hamilton and Windsor areas.
  - The third regional electricity plan, or Integrated Regional Resource Plan (IRRP), for the KWCG electrical region is currently being developed to outline electricity needs and recommended solutions to ensure a reliable supply of electricity over the next 20 years.

Priority Needs in KWCG

- The IRRP studies have been structured to prioritize urgent electricity supply needs ("priority needs") affecting the Middleport-Detweiler (MxD) sub-system.
- This has allowed options and draft recommendations to be developed earlier in the IRRP process, potentially enabling solutions to be implemented ahead of its publication in early 2026.
- However, the Working Group has identified other needs in the growing KWCG region; options to address them will be developed further in Q4 2025, with more engagement to come.

Regional Planning Milestones for KWCG

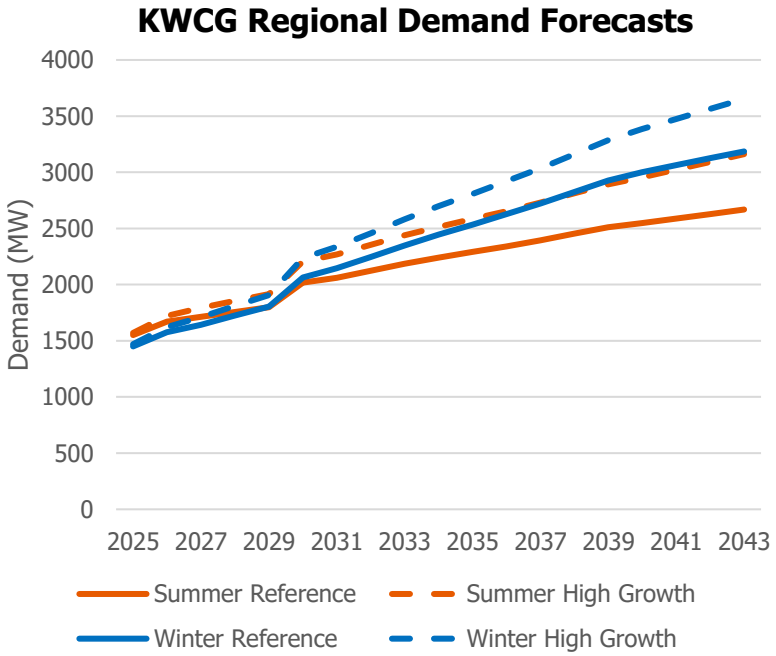


Recap: Final Demand Forecasts

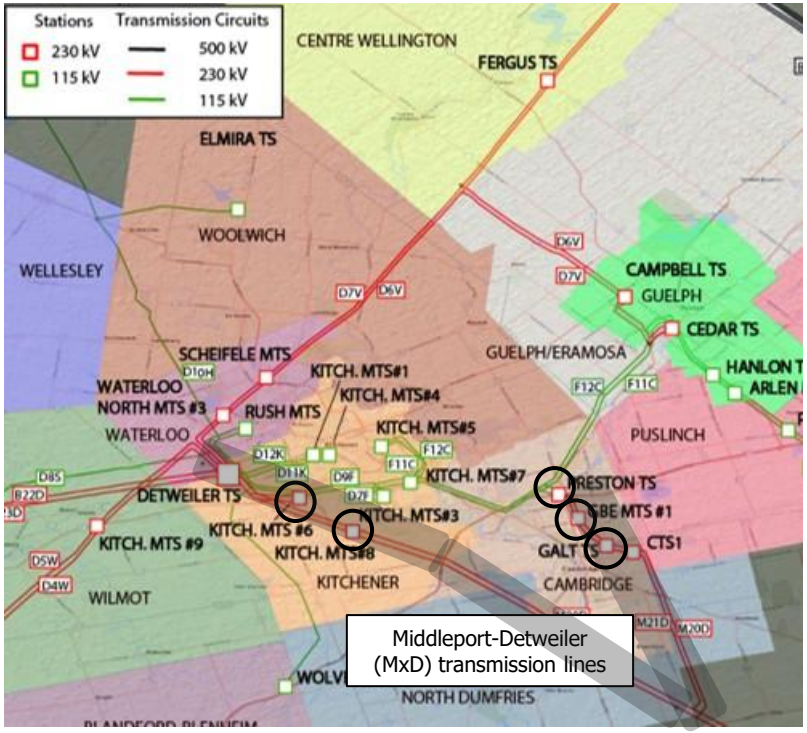
KWCG demand has an average annual growth rate of 3.7% in the summer and 5.5% in the winter in the near-term, compared to the provincial average annual demand growth rate of 2% by 2050.

- Summer demand is driven by new large-scale customers and electrification.
- Winter demand, although driven by the same growth drivers as the summer forecasts, has higher growth rates due to the increase in electric heating.
- KWCG, currently a summer-peaking region, becomes dual peaking in 2029 before shifting to winter peaking.

The current reference forecast has nearly 3x the annual growth rate relative to the previous cycle of regional planning, due to aforementioned factors.



Location of KWCG Infrastructure with Priority Needs



Given the forecast growth, the existing electricity system does not meet reliability standards. Reinforcements will need to be recommended to accommodate forecast growth. This plan will explore options to meet the electricity needs.

Legend

- Station capacity needs
- Supply capacity needs

Screening Results - Priority Needs (Reference Forecast)

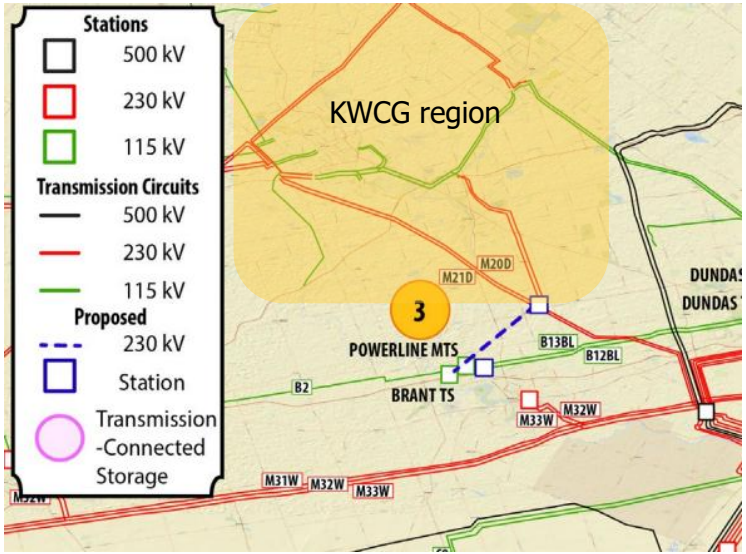
Additional eDSM programming can be considered for all needs as an option for long-term load management, and in the interim as other solutions are being built. Wires options can include new supply stations and connection lines.

Need	Impacts	Screened In	Screened Out
Station capacity	Kitchener MTS #8	• Wires options	• Demand response and distributed generation, due to the size and urgency of the needs • Transmission-connected resources, since they are upstream of the station
	Preston TS		
	GBE MTS #1		
	Galt TS		
	Kitchener MTS #6	• Wires options • Demand response • Distributed generation • Additional eDSM	• Transmission-connected resources, since they are upstream of the station
Supply capacity, load security and restoration	MxD circuits	• Wires options • Transmission-connected resources	• Demand response and distributed generation, due to the type, size, and urgency of the needs

Feedback Received

Key Areas of Feedback	IESO Response
The importance of integrating non-wire solutions that align with local priorities and enable coordinated planning to address capacity needs and advance the clean energy transition.	• To meet the priority station capacity, supply capacity, and load restoration and security needs, the IESO has screened in a mix of wire and non-wire options, including transmission-connected generation and distributed generation. • The IESO agrees that an integrated approach is important. To ensure that the IRRP reflects the needs of the municipalities, Indigenous communities, community members and interested stakeholders, all interested parties will have an opportunity to provide feedback on the draft recommendations prior to completion of the IRRP.
Explore integrated energy solutions such as waste heat recovery and district energy systems to meet growing demand.	• The Technical Working Group acknowledges the benefits of coordination between electricity planning, gas planning processes, and district heating and cooling. As planning work advances, the Technical Working Group welcomes input on electricity needs and options. • The IESO will engage with the local gas utilities on options for remaining KWCG electricity needs in Q4 2025.

Recap: Coordinating with the Burlington to Nanticoke IRRP



- New 230 kV connection line and station in the Burlington to Nanticoke region were recommended.
- These reinforcements help supply growth near the existing Brant and Powerline stations.
- They will connect to the MxD circuits, but exact connection point and timing will depend on options to meet KWCG priority needs.

Options Analysis and Draft Recommendations

Evaluating Options

Potential solutions are evaluated based on the following key considerations:

Technical Feasibility	• Can the option be executed? i.e., proximity to customers, routing and spacing considerations, operations
Ability to Address Needs	• Are the numbers, magnitude, and diversity of needs adequately addressed?
Integration & Cost-Effectiveness	• Is there the ability to solve multiple needs simultaneously? • Would a combination of option types be required?
Lead Time	• New transmission infrastructure is expected to take some years – how does this compare to the timing of needs?

Supply and Station Capacity Needs - Options Overview

Addressing Supply and Station Capacity Needs:

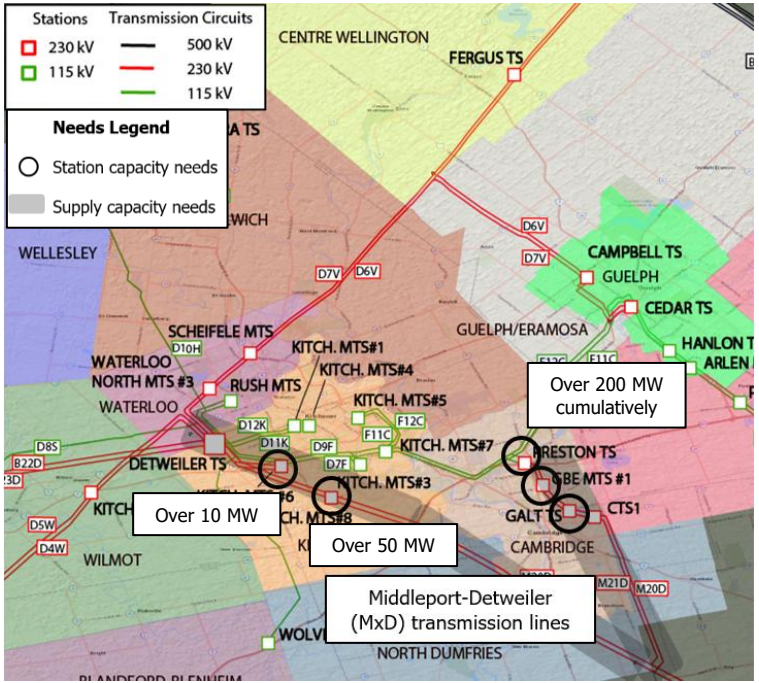
- Multiple station capacity needs and an overall supply need arise in the near-term, cumulatively growing to over 200 MW by 2043.
- Some non-wire alternatives were screened out due to the size, type, and urgency of the needs, and in some cases, because there is high potential for an inexpensive wire alternative.

The following options were further analyzed:

(1) Additional electricity demand-side management (eDSM)

(2) Transmission-connected resources

(3) Various wires options



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Options Analysis

Option	1. eDSM	2A. Wind + BESS	2B. Solar + BESS	2C. Solar, Wind, Battery Energy Storage System (BESS)
Technical Feasibility	✓ Feasible	× Incurs further wires infrastructure ($60M) to connect resources × Space limitation at Preston TS, where resources must connect		
Ability to Meet Need	× Estimated to provide 80+ MW by 2043 but does not meet full need	× Does not meet need	× Does not meet need	✓ Meets need 430 MW solar + 1,115 MW wind + 1,090 MW BESS
Cost Estimate	>$251M (savings are cost-effective to the system)	No cost benchmark due to inability to meet need and/or technical infeasibility.		
Lead-time	Added annually	5 years	4 years	5 years
Other Considerations	Supports overall growth in the region	Must connect to Preston TS due to the nature of the supply need. Significant land requirements in an urban area (39,300 hectares of land for solar, wind, and BESS).		

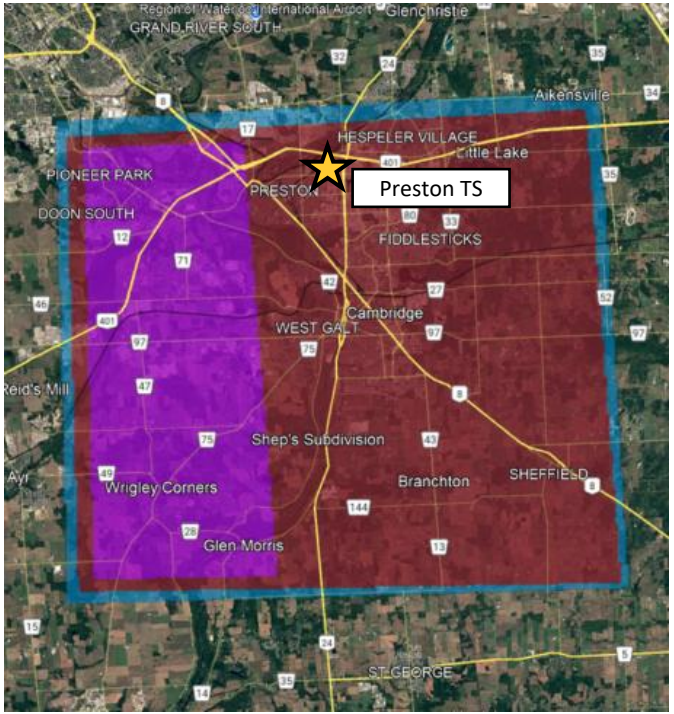
Conceptual Visualization of Non-Wires Options

The resource options would require land areas shown on the map:

- Option 2A, Wind + BESS (37,950 hectares): **Burgundy** polygon
- Option 2B, Solar + BESS (11,525 hectares): **Purple** polygon
- Option 2C, Wind + Solar + BESS (39,300 hectares): **Blue** polygon

Wind, Solar, and BESS portfolio is the only non-emitting resource mix that can achieve at least 99.9% load to be served; however, this generation option would require significant amount of land in a dense urban location.

Note: Visuals are representative only; exact siting would be subject to development work following the regional plan, if recommended.



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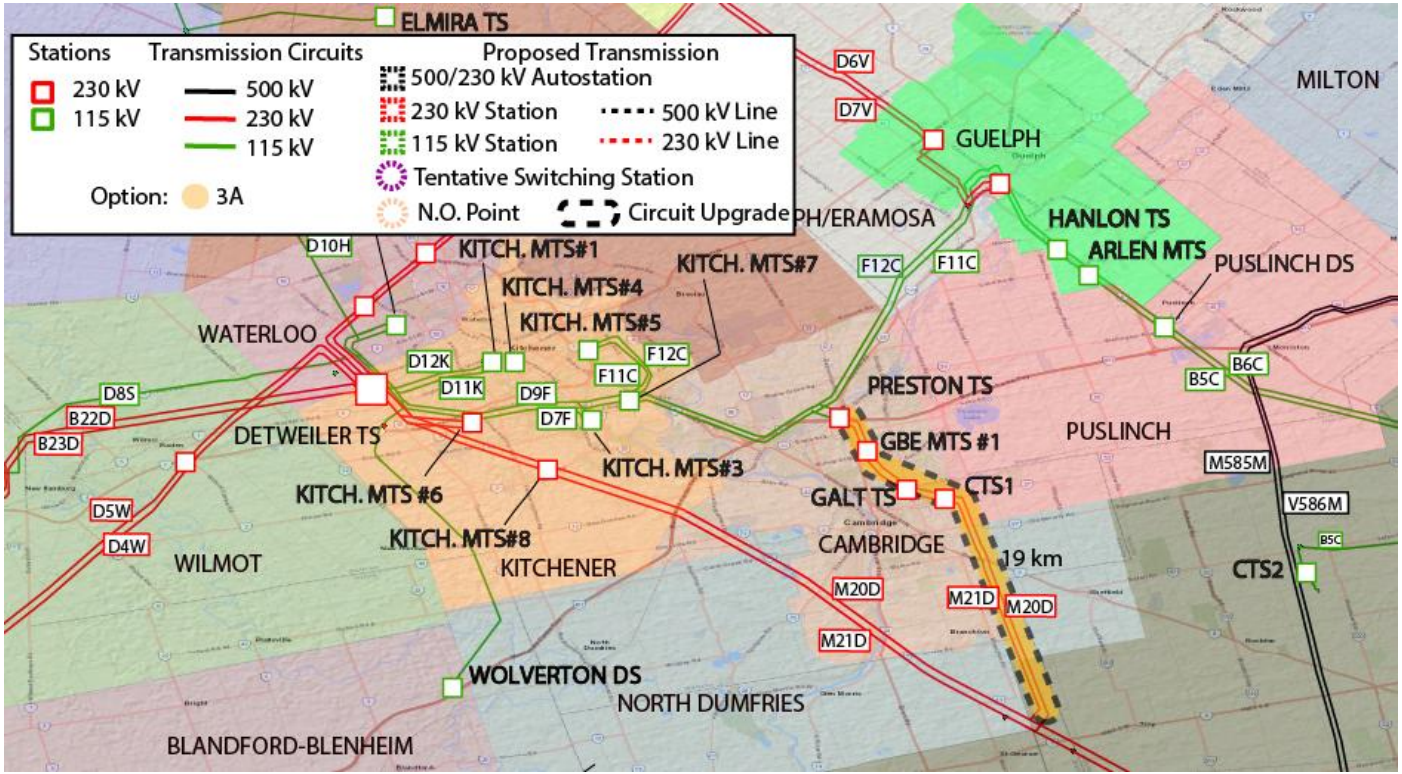
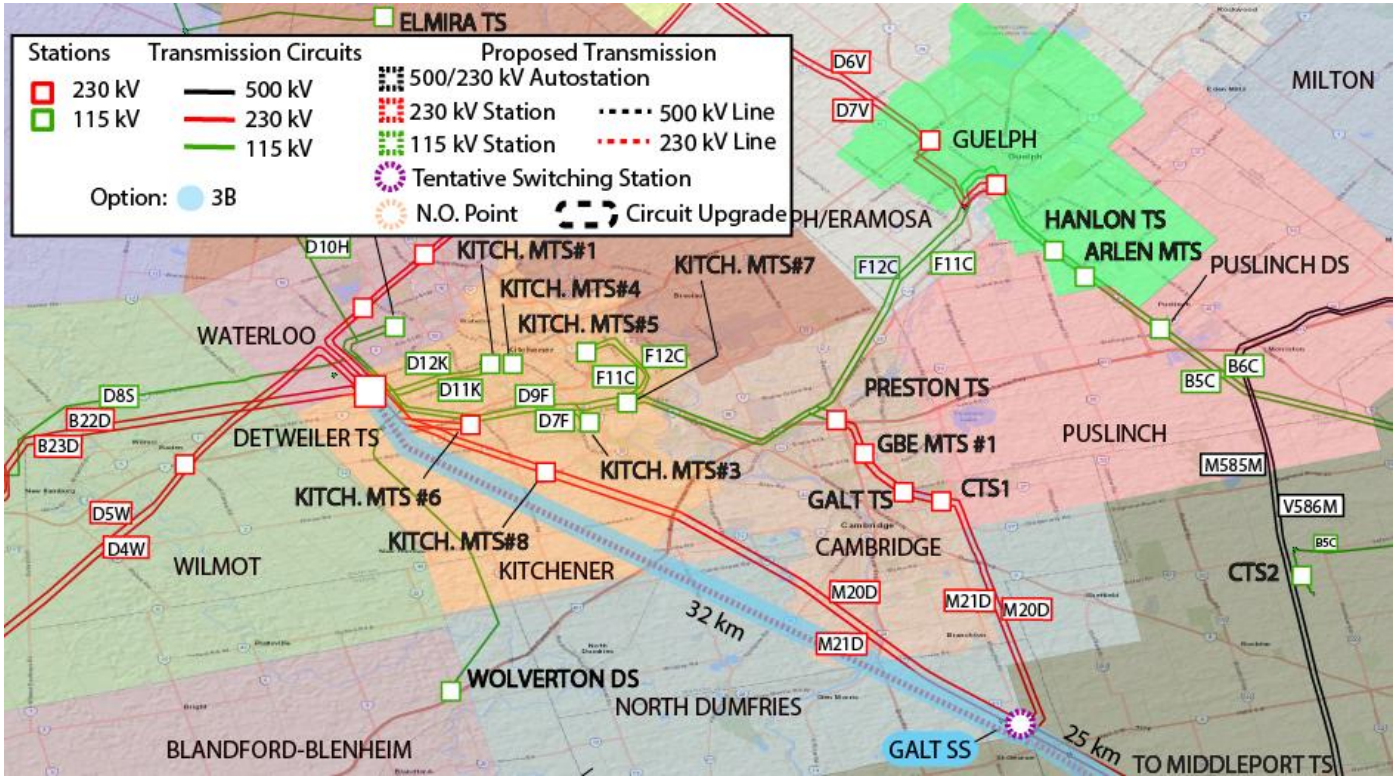
Options Analysis

Option	3A. Reconductor 19 km of existing 230 kV MxD double-circuit line	3B. Galt switching station with a new double-circuit 230 kV line either from Detweiler (32 km) OR Middleport (25 km)
Technical Feasibility	✓ Feasible	× Feasible, but space limitations at Detweiler TS
Ability to Meet Need	× Does not meet need	× Does not meet need
Cost Estimate	$40M	$170M (switching station) $200 – 320M (lines)
Lead-time	3-4 years	3-4 years
Other Considerations	• Provides some supply capacity to Cambridge/Preston • No long-term value if other options proceed	• More load connection opportunities • Still requires another new line to Cambridge/Preston • Largely doubles up on existing transmission paths

Option 3A



Option 3B



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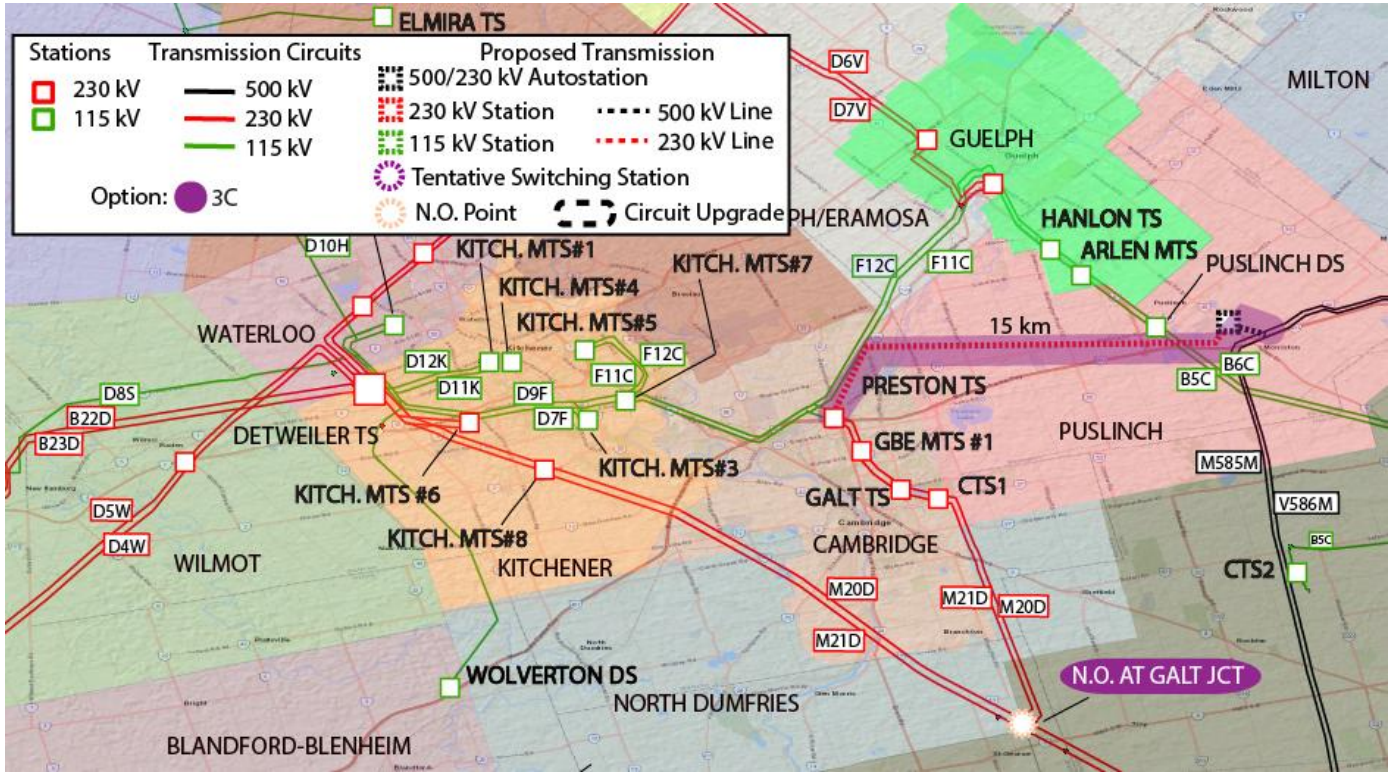
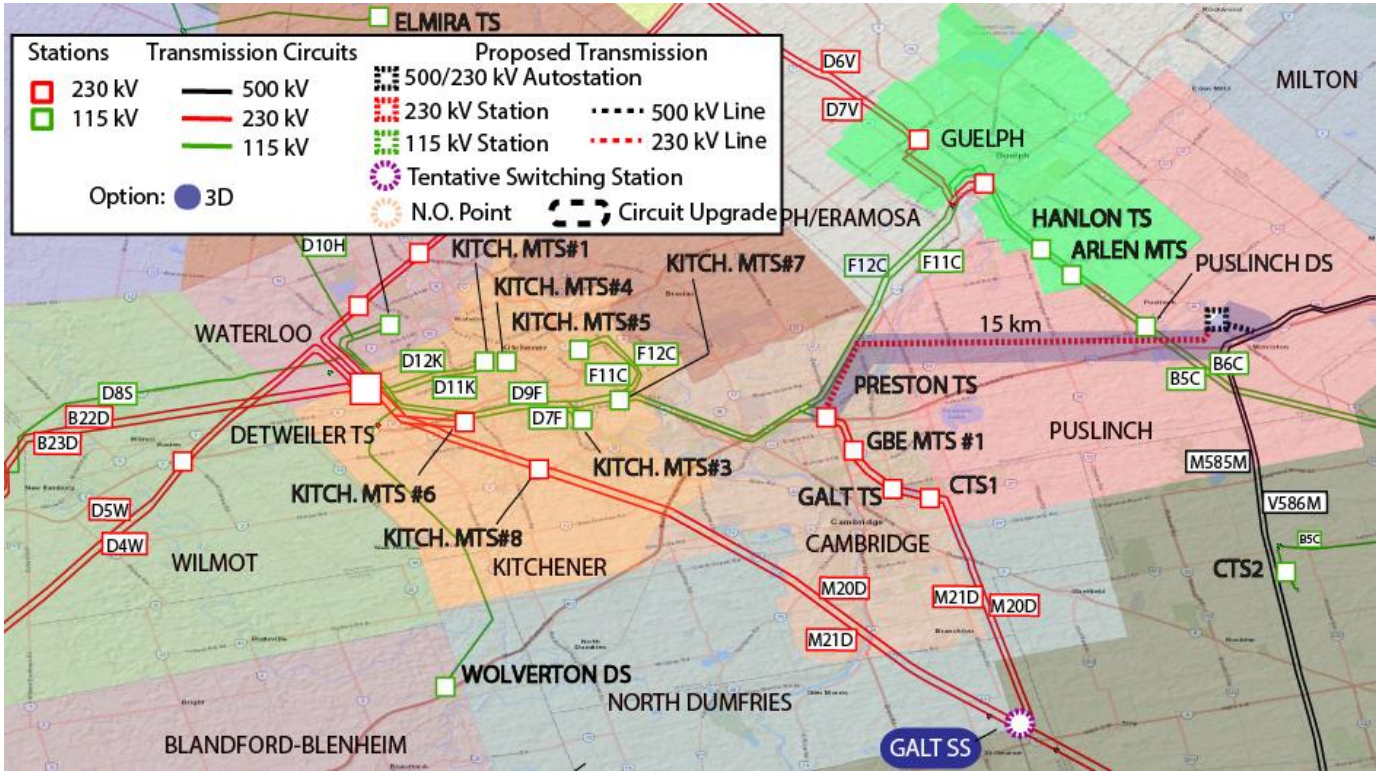
Options Analysis

Option	3C. New 500/230kV auto station near Puslinch and new double-circuit 230 kV line (15 km) to Preston TS. Normally-open point at Galt junction.	3D. Same as Option 3C but with switching station at Galt junction.
Technical Feasibility	✓ Feasible	✓ Feasible
Ability to Meet Need	× Alone, only meets the low forecast scenario need	✓ Exceeds the need, even under the high forecast scenario
Cost Estimate	$340M	$500M
Lead-time	4-6 years	4-6 years
Other Considerations	• Offers a new path of supply for the area; potentially adding resilience	• More long-term flexibility for load and resource connections • Offers a new path of supply for the area; potentially adding resilience

Option 3C



Option 3D



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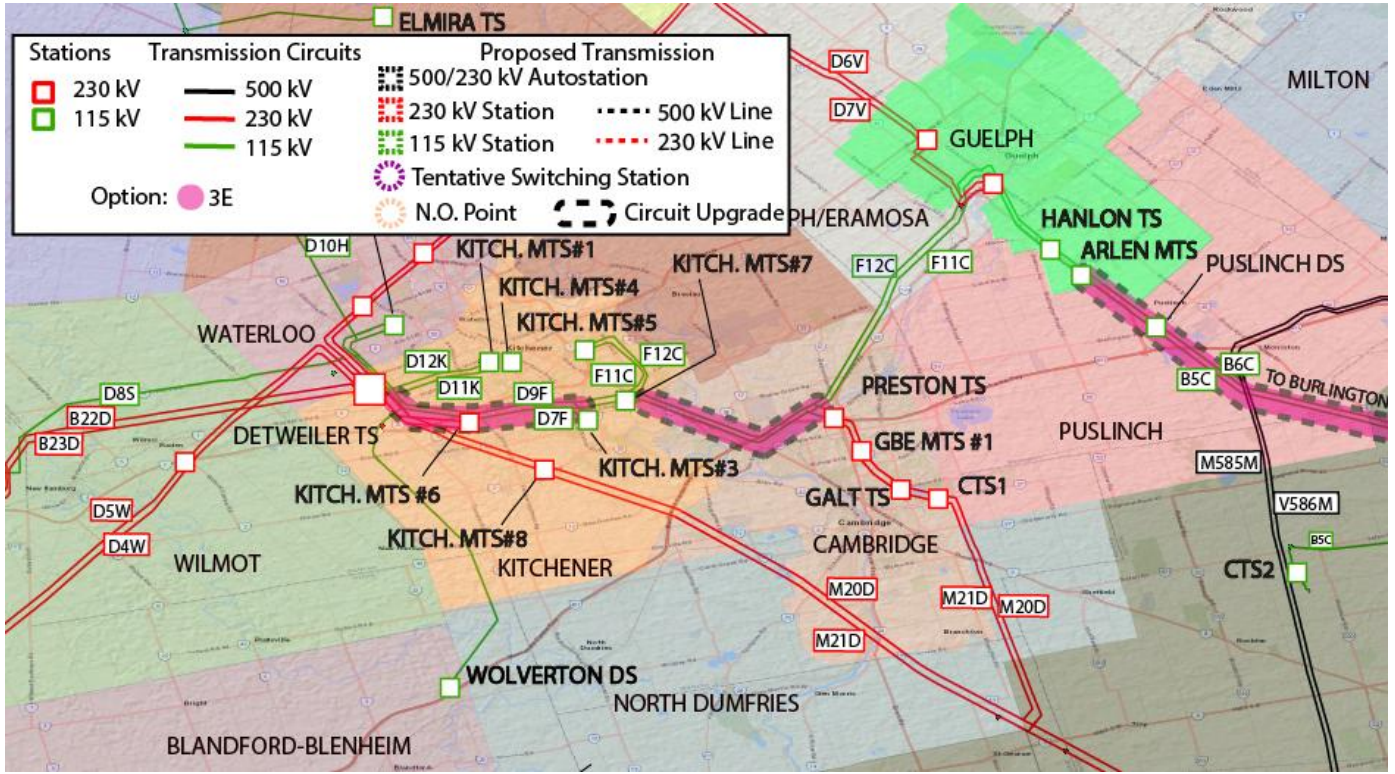
Options Analysis

Option	3E. Upgrade existing 115 kV circuit sections (BxCs, DxFs, FxCs)
Technical Feasibility	✓ Feasible – requires a mixture of circuit re-tensioning, reconductoring, and rebuilding
Ability to Meet Need	× Does not meet the need alone
Cost Estimate	$36M*
Lead-time	1-3 years
Other Considerations	• Faster option that enables some supply capacity to both the KWCG 115 kV and MxD sub-systems

*Planning-level estimate that may change depending on exact circuit sections and upgraded ratings

Option 3E



Other Considerations: High and Low Forecast Scenarios

- The supply needs in this area are urgent and large in magnitude.
- Immediate reinforcements are required **regardless** if the low or high load forecast scenarios materialize.
- However, as reinforcements are implemented in stages, timing can shift depending on low or high growth scenarios.

Other Considerations: Long-Term Flexibility and Community Preferences

Long-Term Flexibility

- Options such as 3D not only address the reference scenario needs, but also accommodate additional growth beyond the high forecast.
- Some option components such the Galt switching station (included in Options 3B and 3D) improves the local area's supply while offering more flexibility for load and resource connections in the future.

Community Preferences

- Additional eDSM complements local preferences for non-wires options that, when integrated with other solutions, help meet capacity needs due to local economic growth and electrification.
- Options 3C and 3D offer a more direct, new path of supply to where the load growth is concentrated, avoiding potential land use challenges with other options (such as Option 3B at Detweiler).

Summary of KWCG Priority Needs Analysis (1)

The Technical Working Group evaluated non-wire and wire options to meet priority electricity needs. This is summarized below:

- Non-wire options cannot address regional needs alone.
- Local generation is not technically feasible due to the size and location required to address the supply need.
- Incremental eDSM is a system cost-effective, quick option that can defer some long-term wires options and support overall growth.
- Some wires options such as MxD reconductoring, or a new Galt switching station with new 230 kV lines to Detweiler or Middleport, also do not fully meet supply capacity.
- Upgrading existing 115 kV circuits is a low-cost option that enables some supply capacity quicker and the connection of a new GrandBridge Energy transformer station.

Summary of KWCG Priority Needs Analysis (2)

- A new 500/230 kV Puslinch auto station with new double-circuit 230 kV transmission line to Preston TS can address the supply capacity, and load restoration and security needs.
- This option has the most flexibility to accommodate long-term load growth in Cambridge, Kitchener, and Brant areas.
- In the long term (2035+, based on the reference scenario), a second new transformer station may be required, as well as a switching station at Galt.

Overview of Draft Recommendations (Options 1,3C,3E)

To meet the KWCG priority electricity needs, a **multi-pronged approach** is required. The Technical Working Group identified the following draft recommendations as proposed through options 1, 3C, 3E:

Ongoing

- Implement provincially cost-effective eDSM savings, beyond what is already targeted through past and current eDSM frameworks

In-service by 2028

- Upgrade sections of existing 115 kV circuits: BxCs, FxCs, DxFs
- Build new 115 kV GrandBridge Energy transformer station in Cambridge

In-service by 2029-2031

- Build a new 500/230 kV autotransformer station in Puslinch
- Build a new double-circuit 230 kV line from Puslinch to Preston TS
- Build two new 230 kV transformer stations in Brant;* connect to existing MxD lines
- Utilize upgraded capacity at Preston TS

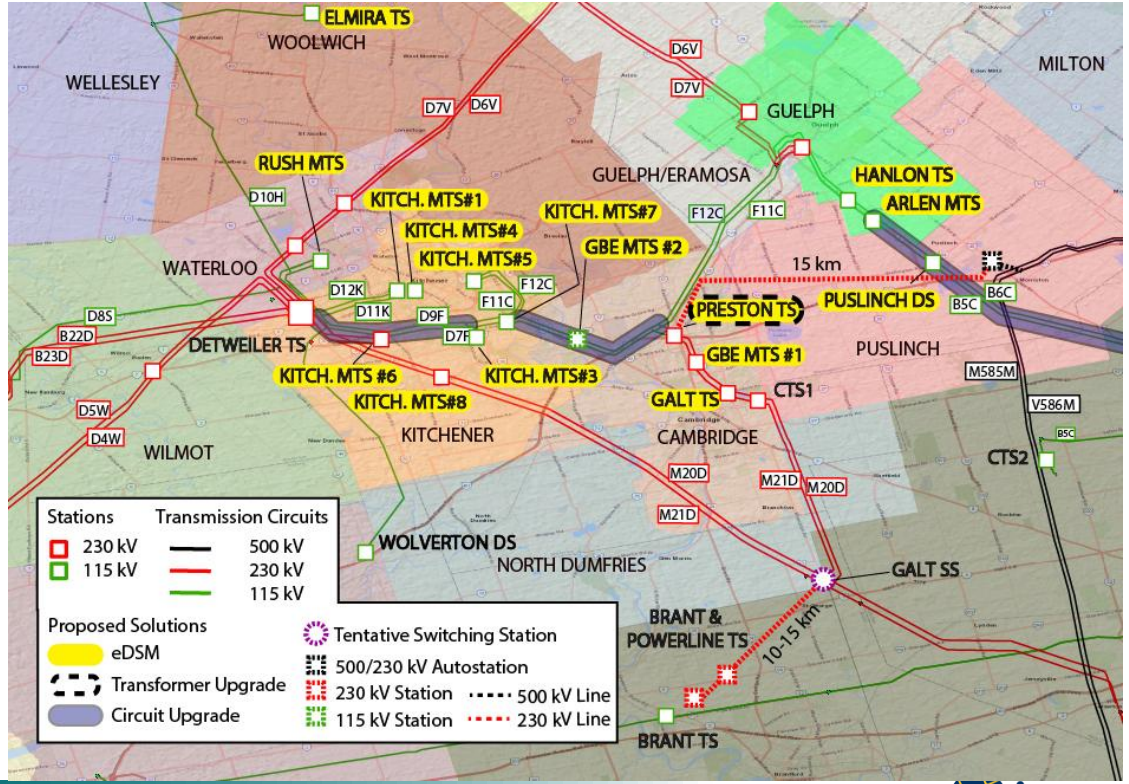
Long-term (2035+)

- Monitor overall load growth, including distribution between the regional 115 kV vs. 230 kV systems
- Monitor eDSM savings
- Consider a new 230 kV GrandBridge transformer station in Cambridge
- Consider a new switching station in Galt

*as recommended in the Burlington to Nanticoke IRRP

Overview of Draft Recommendations: Map

Conceptual diagram; exact routing/siting are subject to transmitter-led or distributer-led development work after the IRRP.

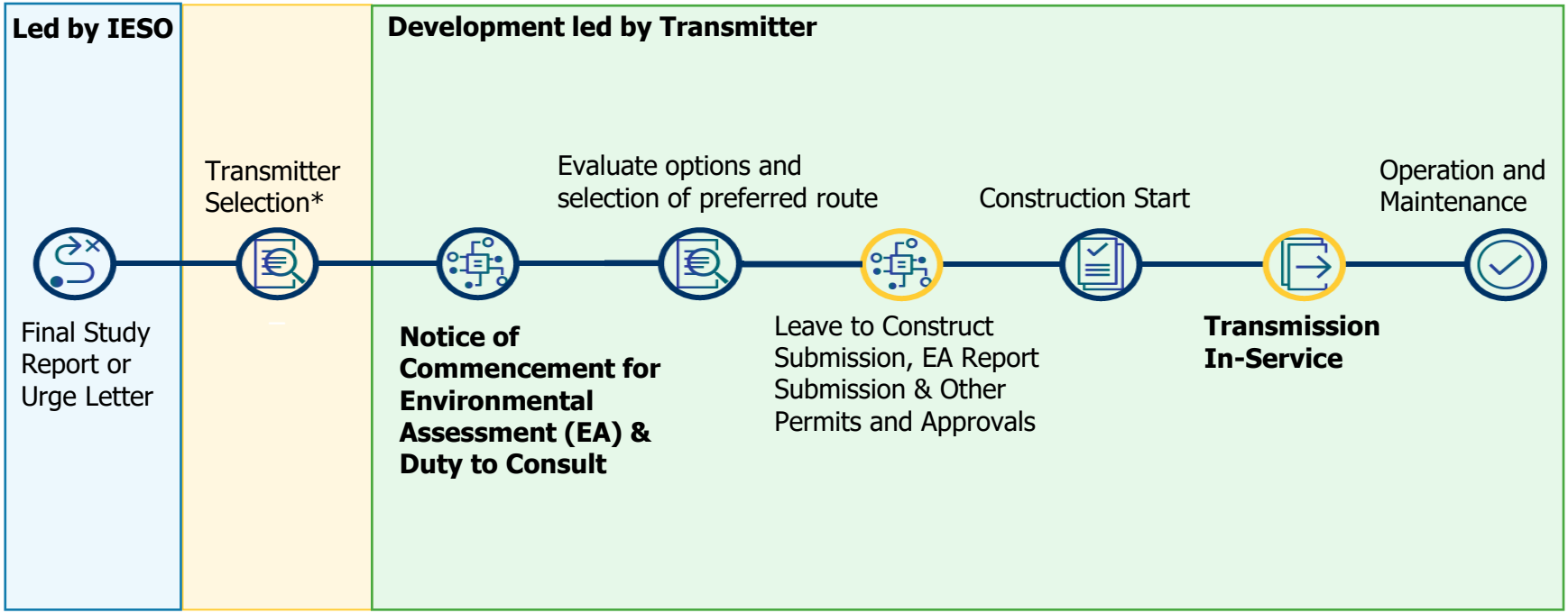


Remaining Priority Needs

Need Type	Impacts	Need Timing – Low Scenario	Need Timing – Reference	Need Timing – High Scenario
Station capacity	Kitchener Municipal Transformer Station (MTS) #8	Early 2030s	Immediate	Immediate
	Preston TS	Immediate	Immediate	Immediate
	GrandBridge Energy MTS #1	Immediate	Immediate	Immediate
	Galt TS	Immediate	Immediate	Immediate
	Kitchener MTS #6	Late 2030s	Mid-2030s	Early 2030s
Supply capacity, load security and restoration	230 kV circuits between Middleport and Detweiler (MxD)	Immediate	Immediate	Immediate

Options will be developed for these two needs in Q4 2025

Typical Process for Transmission Development



*Currently, no standardized process exists to select a transmitter; Transmitter Selection Framework under development

About Save on Energy

- Delivered by the IESO, Save on Energy is Ontario's trusted source for energy-efficiency programs, education and awareness.
- Save on Energy has been delivering energy-efficiency programs to help Ontarians reduce their electricity costs and reduce demand on the province's electricity grid since 2011.
- Save on Energy programs, tools, product advice and purchasing guides help consumers use energy more wisely, save money and increase their home comfort.

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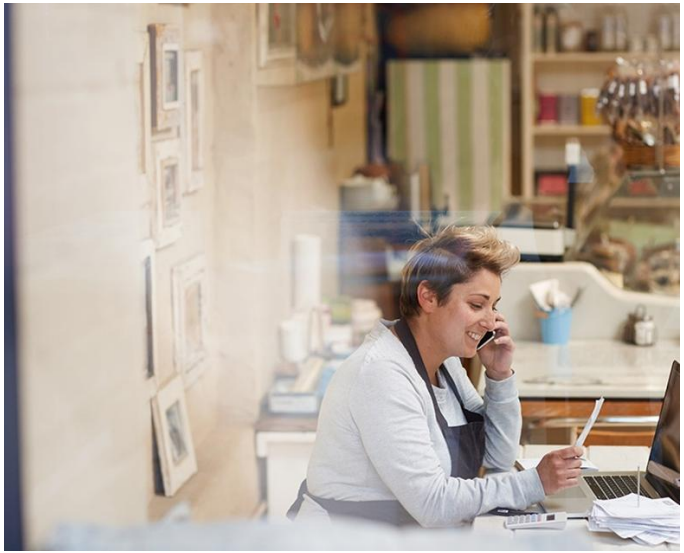
eDSM Framework for 2025 to 2036

- New **$10.9 billion**, **12-year** funding commitment from the Ontario government beginning January 2025
- **Flexibility** to adapt over time via rolling three-year program plans; first plan budget is $1.8B with target of 4.6 TWh and 900 MW of savings for 2025-2027
- **Program expansion** for residential and business offerings
- **New programming and offers:**
  - **Home Renovation Savings program**, jointly delivered with Enbridge Gas
  - Expanding **Peak Perks** to small businesses;
  - Incentives for installation of rooftop **solar PV systems** for businesses
- **Funding to LDCs** on an opt-in basis to support customer participation
- **Beneficial electrification measures** to promote the use of electricity to improve energy affordability, expand customer choice and reduce emissions in Ontario, while minimizing impacts to the electricity system.

Save on Energy programs for business

Save on Energy's business programs provide incentives to help Ontario businesses of all sizes implement retrofits and other energy-efficiency projects to lower their energy costs, including:

- Small Business Program
- Retrofit Program
- Instant Discounts Program
- Strategic Energy Management Program
- Existing Building Commissioning Program
- Energy Performance Program
- Industrial Energy Efficiency Program



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Save on Energy Programs for Residential customers

- **Home Renovation Savings Program** offers rebates to homeowners on energy efficient upgrades
- **Peak Perks** allows IESO to adjust smart thermostats for short periods on very hot summer days
- **Energy Affordability Program** provides support for income-eligible customers to receive no-cost energy upgrades

Seeking Input: Addressing Priority Needs

As you listen to the presentation today, we want to understand:

- What feedback is there regarding the proposed recommendations to address priority needs?
- What information should be considered regarding these recommendations to address priority needs?
- How can the IESO continue to engage with interested parties as the recommendations to address priority needs are implemented?

IESO welcomes written feedback until September 29, 2025.
Please submit feedback to engagement@ieso.ca.

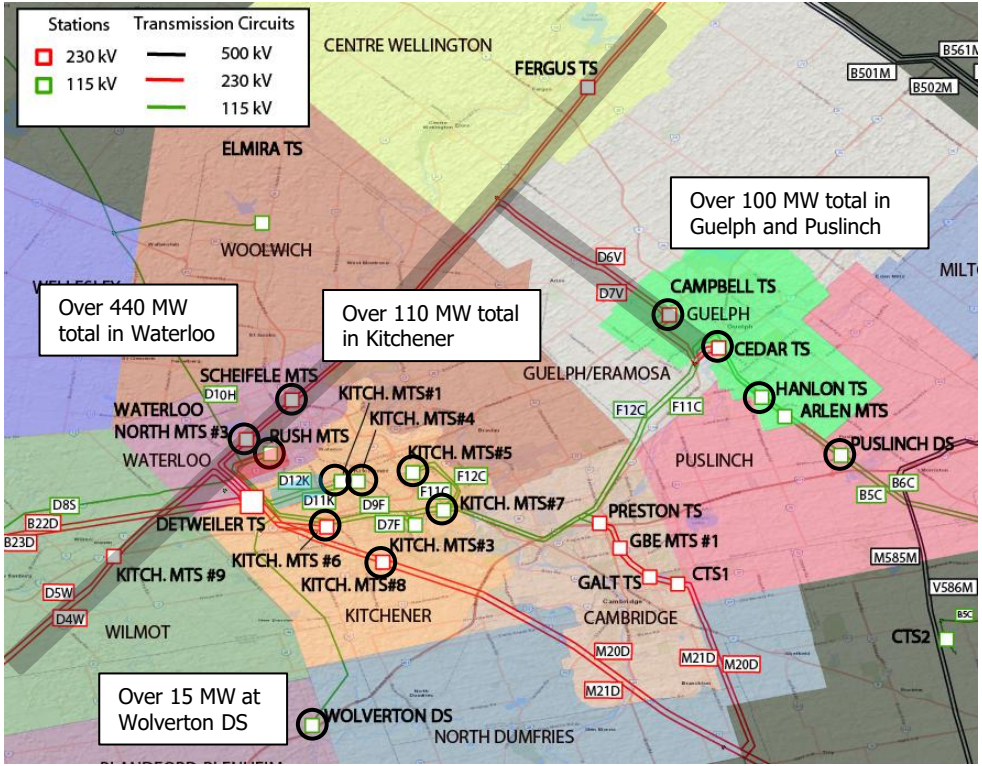
Remaining Electricity Needs and Screening Options Analysis

Identifying Needs

Studies have been conducted to analyze KWCG's remaining needs based on the electricity demand forecasts and technical studies (system capability, operating standards) of the infrastructure. Generally, needs studied in this process fall under the following categories:

- **Station capacity:** Ability of a station to deliver power from the grid down to the distribution systems.
- **Supply capacity:** Ability of the system to supply power through the transmission lines to a local area.
- **Asset replacement:** Station or transmission equipment that has reached end of life.
- **Load restoration:** Ability of the system to restore power after select contingencies.
- **Load supply security:** Maximum amount of power that can be lost during select contingencies.

Remaining Needs



Legend

- Station capacity needs
- DxW and DxV supply capacity, load restoration, and load security needs
- DxK supply capacity need
- D8S/D10H supply capacity need

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Remaining (Summer) Needs - Timing

Need Type	Impacts	Need Timing – Low	Need Timing – Reference	Need Timing – High Scenario
Station capacity	Kitchener MTS #1	Late 2030s	Mid 2030s	Early 2030s
	Kitchener MTS #4	Late 2030s	Mid 2030s	Early 2030s
	Kitchener MTS #5	Early 2040s	Late 2030s	Mid 2030s
	Kitchener MTS #7	Late 2030s	Mid 2030s	Mid 2030s
	Rush MTS	Mid 2030s	Early 2030s	Early 2030s
	Hanlon TS*	Early 2040s	Early 2040s	Late 2030s
	Wolverton DS	Immediate	Immediate	Immediate
	Cedar TS (T1/T2)	Mid 2030s	Mid 2030s	Mid 2030s
	Cedar TS (T7/T8)	Early 2030s	Early 2030s	Early 2030s
	Puslinch DS	Early 2030s	Immediate	Immediate

*Mid 2030s need across all scenarios for the winter

Remaining (Summer) Needs - Timing

Need Type	Impacts	Need Timing – Low	Need Timing – Reference	Need Timing – High Scenario
Station capacity	Waterloo MTS #3	Late 2020s	Mid 2020s	Mid 2020s
	Scheifele MTS	Late 2020s	Late 2020s	Mid 2020s
	Campbell TS	Immediate	Immediate	Immediate
Supply capacity	DxK circuits	Mid 2030s	Early 2030s	Early 2030s
Supply capacity	D8S and D10H circuits	Early 2040s	Early 2030s	Early 2030s
Supply capacity, load restoration, load security	DxV and DxW circuits	Immediate	Immediate	Immediate

Determining Options

A combination of wire and non-wire options may be needed to address the needs, and over the course of the planning process, the IESO will:

Screen various options to address the region's near, medium and long-term electricity needs for the Reference Forecast, including:

Traditional wires option to supply local area

Non-wires alternatives (NWAs), such as transmission-connected generation or energy storage, electricity demand side management (eDSM), distributed generation or demand response

Complete a detailed analysis of screened-in options to recommend solutions to meet needs.

Seek community feedback at key milestones to enhance development and evaluation of options before making a final recommendation.

Recommend options that address firm growth and consider potential growth to meet needs and ensure we can act quickly in the future when higher growth materializes.

Steps for Screening Options

1. Type of Need	2. Need Traits	3. Additional Considerations
Evaluate the compatibility of the need with the various option types, based on technical requirements and permissibility under planning standards and criteria.	Further filter compatible options with high-level need traits (such as timing, size, and coincidence with system needs).	Consider local factors that may require further analysis of non-wire alternatives, even if earlier steps haven't identified non-wires alternatives as suitable.

Screening Results: Remaining Station Capacity Needs

Station	eDSM	Distributed Generation	Transmission-Connected Resource	Demand Response	Wires Options	Rationale for Screened-Out Options
Kitchener MTS #1	✓	*		✓	✓	Technical inability; transmission-connected resources cannot address station capacity needs
Kitchener MTS #4	✓	*		✓	✓	
Kitchener MTS #5	✓	*		✓	✓	
Kitchener MTS #7	✓	*		✓	✓	
Rush MTS	✓	*		✓	✓	
Hanlon TS	✓	✓		✓	✓	
Wolverton DS	✓				✓	Technical inability, urgency, potential for low-cost wires option

*May have limited DG connection capacity at these stations due to short circuit limitations; pending WG analysis.

Screening Results: Remaining Station Capacity Needs

Station	eDSM	Distributed Generation	Transmission-Connected Resource	Demand Response	Wires Options	Rationale for Screened Out Options
Cedar TS (T1/T2)	✓	✓		✓	✓	Technical inability
Cedar TS (T7/T8)	✓				✓	Technical inability and potential end-of-life opportunity
Puslinch DS	✓				✓	Technical inability, urgency, potential wires option that complements draft Puslinch recommendation for priority needs
Waterloo MTS #3	✓				✓	Technical inability, urgency, and magnitude of need
Scheifele MTS	✓	*			✓	
Campbell TS	✓	*			✓	

*May have limited DG connection capacity at these stations due to short circuit limitations; pending WG analysis.

Screening Results: Other Remaining Needs

Need	eDSM	Distributed Generation	Transmission-Connected Resource	Demand Response	Wires Options	Rationale for Screened Out Options
DxK supply capacity needs	✓	✓	✓	✓	✓	
D8S and D10H supply capacity needs	✓				✓	High potential for low cost and fast wires options impacting existing infrastructure
DxV and DxW supply capacity, load security, and load restoration needs	✓				✓	Urgency, magnitude of need, and technical inability to address load security and load restoration needs

Seeking Input

Local considerations and feedback are a critical component to the development of an Integrated Regional Resource Plan (IRRP). As the options phase of the IRRP continues to identify how to best meet the area's infrastructure needs, the IESO wants to hear your perspectives about:

- High-level wire and non-wire options screening for remaining needs.
- Additional information that should be considered in the assessment of options for these remaining needs.
- Additional information that should be provided in future engagements to help understand perspectives and insights.

IESO welcomes written feedback until October 14, 2025.
Please submit feedback to engagement@ieso.ca using feedback form.

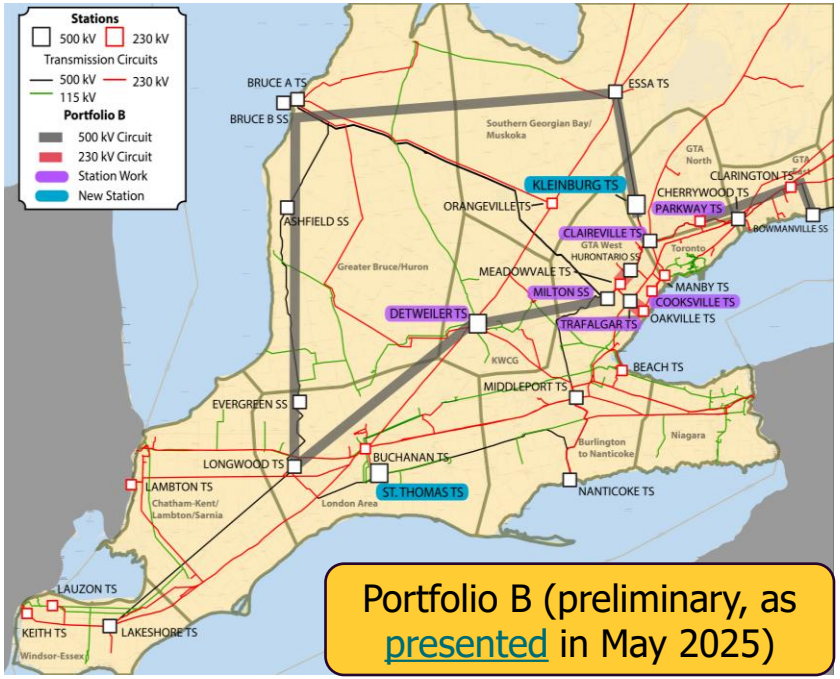
Coordination with the South and Central Bulk Plan

Recap: Bulk Plan Objectives and Portfolios

The IESO initiated a South and Central Bulk Study to enable:

- Growth in demand, particularly between Windsor to Hamilton, and within GTA
- Electrification and fuel switching, data centres, and other large load centres
- Future generation connections
- Opportunities to preserve new or expanded corridors

Draft recommendations will be engaged on in Q4 and will focus on early, "future-ready" investments, as well as longer term direction to preserve options, if needed in the future.



Portfolio B (preliminary, as presented in May 2025)

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Coordinating with the KWCG IRRP

- Draft regional recommendations for the KWCG priority needs will be incorporated into the South and Central studies
- These regional recommendations would not resolve the bulk needs identified in the South and Central studies
- In response to stakeholder feedback regarding space constraints and land use concerns around Detweiler TS in Kitchener, the bulk plan portfolios of options are being refined with consideration for an alternate site nearby
- Register here for the next bulk planning webinar (Sept. 30)

Next Steps for Regional Plan

Ongoing Engagement

Your input plays an important role in developing the electricity plan.

Participate in upcoming public webinars

Subscribe to receive updates on the IESO website –> select Kitchener Waterloo Cambridge Guelph

Follow the Kitchener Waterloo Cambridge Guelph regional planning activities online

Next Steps

The IESO will continue to engage and inform at these milestones:

- **September 29, 2025** – Deadline to submit written feedback regarding priority needs to engagement@ieso.ca.
- **October 14, 2025** – Deadline to submit written feedback regarding remaining needs to engagement@ieso.ca.
- **Q4 2025:** Share draft recommendations for remaining needs and seek feedback.
- **Q1 2026:** IRRP report and data tables will be completed and published on the webpage.

For the priority need recommendations, an **urge letter** will be issued before the end of the year to identify the need for reinforcements and request the relevant transmitter and LDC to implement the infrastructure. The letter will be posted on the IESO's website.

After the IRRP, depending on the recommendations, the following next steps can be expected:

- For wires solutions, the transmitter will lead the development of a Regional Infrastructure Plan, which assesses and develops a detailed plan on how wire options can be implemented.
- For non-wires, implementation mechanisms for new resources and eDSM will be determined following plan publication.

Appendix

Technical Working Group

The regional planning process is conducted by a Technical Working Group consisting of:

Team Lead, System Operator	• Independent Electricity System Operator
Lead Transmitter	• Hydro One Networks Inc. (Transmission)
Local Distribution Companies	• Alectra Inc. • Centre Wellington • Enova Power Corp. • Grandbridge Energy • Halton Hills Hydro Inc. • Hydro One Networks Inc. (Distribution) • Milton Hydro • Wellington North