

Feedback Form

Electricity Planning in the West of London Area – July 15, 2021

Feedback Provided by:

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West of London Bulk Plan

Topic	Feedback
What feedback do you have regarding the preferred option of a combination of new transmission line from Longwood TS (near London) to Lakeshore TS (Leamington) and local generation?	There is no one path to providing the support required for the growth in this region hence a combination is a positive proposal. The region and particularly the greenhouse sector are a prime growth industry where providing “local” produce will take on an increasing importance within the context of meeting aggressive climate goals. Local generation is abundant in this region so to integrate these assets through aggregation as a “local” powerhouse makes sense. This course of action aligns with the recommendation within the Windsor Essex Climate Plan – outlining targeted emissions reduction targets for the sector. In my opinion – ALL available local DER options should be considered as either “bridging” the gap or part of the permanent long-term

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	<p>supply. The option for gas fired CHP are essential – particularly as hydrogen replaces natural gas as primary fuel source. These assets will become stranded as grid space becomes available. New technology should also be encouraged and considered – greenhouse PV solar/storage would be a fantastic candidate for IESO Grid Fund consideration towards widespread integration.</p>
<p>What feedback do you have regarding a 230 kV versus 500 kV line?</p>	
<p>What other information should be considered in finalizing the recommended solution and final report?</p>	<p>Ensuring that all alternative competing energy sectors are heard and have an opportunity to be part of the regional planning process and optimal solution.</p>
<p>What feedback do you have regarding the proposed list and format of datasets that will be made available with the West of London Bulk Plan (see Appendix)?</p>	

Windsor-Essex Integrated Regional Resource Plan (IRRP) Addendum

Topic	Feedback
<p>What feedback do you have regarding the preferred option for additional local 230 kV load supply stations and connection lines to the Kingsville area?</p>	
<p>What feedback do you have regarding the options to address load restoration needs in the Kingsville and Leamington area? Including a potential new 230 kV double-circuit line between Leamington TS and the proposed new stations, or resource alternatives.</p>	
<p>What feedback do you have regarding the considerations for long-term generation in the Windsor area?</p>	
<p>What other information should be considered in finalizing the recommended solution and final report?</p>	

General Comments/Feedback

Several countries abroad have local energy markets that work – there must be synergy and lessons that can be adapted within our market. The support of government policy is essential in making that transition.

Also favoring localas climate policy considerations take on increasing importance with carbon boarder taxation adjustments being considered worldwide – this region has this opportunity NOW to demonstrate leadership and position the greenhouse sector as leaders in meeting the challenge of providing local and exporting the “greenest” produce in the world.

Appendix:

West of London – Information Sharing Summary

The following table outlines the datasets that will be made available with the West of London (WOL) bulk study, as well as the format.

Category	Format	Description of Data
Planning Assessment Criteria	PDF, in report	Technical requirements and standards used to determine needs
Load Forecast	PDF, in report	Methodology and sensitivities/known drivers
Load Forecast	PDF, in report	Total West of London Annual coincident low, reference, and high scenarios for summer and winter
Load Forecast	PDF, in report	Annual station peak forecasts, by region
Load Forecast	PDF, in report	Annual greenhouse peak forecasts
Load Forecast	PDF, in report	Peak segmentation assumptions for West of London stations with greenhouse load
Load Forecast	Excel	Forecast West of London greenhouse hourly load profiles (2021, 2035)
Load Forecast	Excel	Forecast West of London total hourly load profiles (2021, 2035)
Load Forecast	Excel	Historical hourly station load profiles (2019)
Interface Data	PDF, in report	Capacity need methodology, Interface definition, limits, and driving issues
Interface Data	Excel	Hourly capacity need, no reinforcements/recommendations (2028-2035)
Interface Data	Excel	Hourly capacity need, with near-term recommendations (2028-2035)
Interface Data	Excel	Hourly capacity need, with near- and long-term recommendations (2028-2035)
Analysis of Alternatives	PDF, in report	Assessment criteria and principles for decision-making
Economic Assessment Assumptions	PDF, in report	Assumptions used in the analysis and evaluation of options