



**Haris Ginis**  
Technical Manager  
Leave to Construct Applications  
Regulatory Affairs

tel 416-495-5827  
[haris.ginis@enbridge.com](mailto:haris.ginis@enbridge.com)  
[EGRegulatoryProceedings@enbridge.com](mailto:EGRegulatoryProceedings@enbridge.com)

**Enbridge Gas Inc.**  
500 Consumers Road  
North York, Ontario  
M2J 1P8

**VIA EMAIL and RESS**

November 9, 2023

Nancy Marconi  
Registrar  
Ontario Energy Board  
2300 Yonge Street, Suite 2700  
Toronto, Ontario, M4P 1E4

Dear Nancy Marconi:

**Re: Enbridge Gas Inc. (Enbridge Gas)  
Ontario Energy Board (OEB) File No. EB-2022-0157  
Panhandle Regional Expansion Project  
Oral Hearing Presentation**

---

Enclosed please find the Day 1 Oral Hearing presentation of Enbridge Gas.

If you have any questions, please contact the undersigned.

Sincerely,

Haris Ginis  
Technical Manager, Leave to Construct Applications

c.c. Charles Keizer (Torys)  
Tania Persad (Enbridge Gas Counsel)  
Zora Crnojacki (OEB Staff)  
Intervenors (EB-2022-0157)

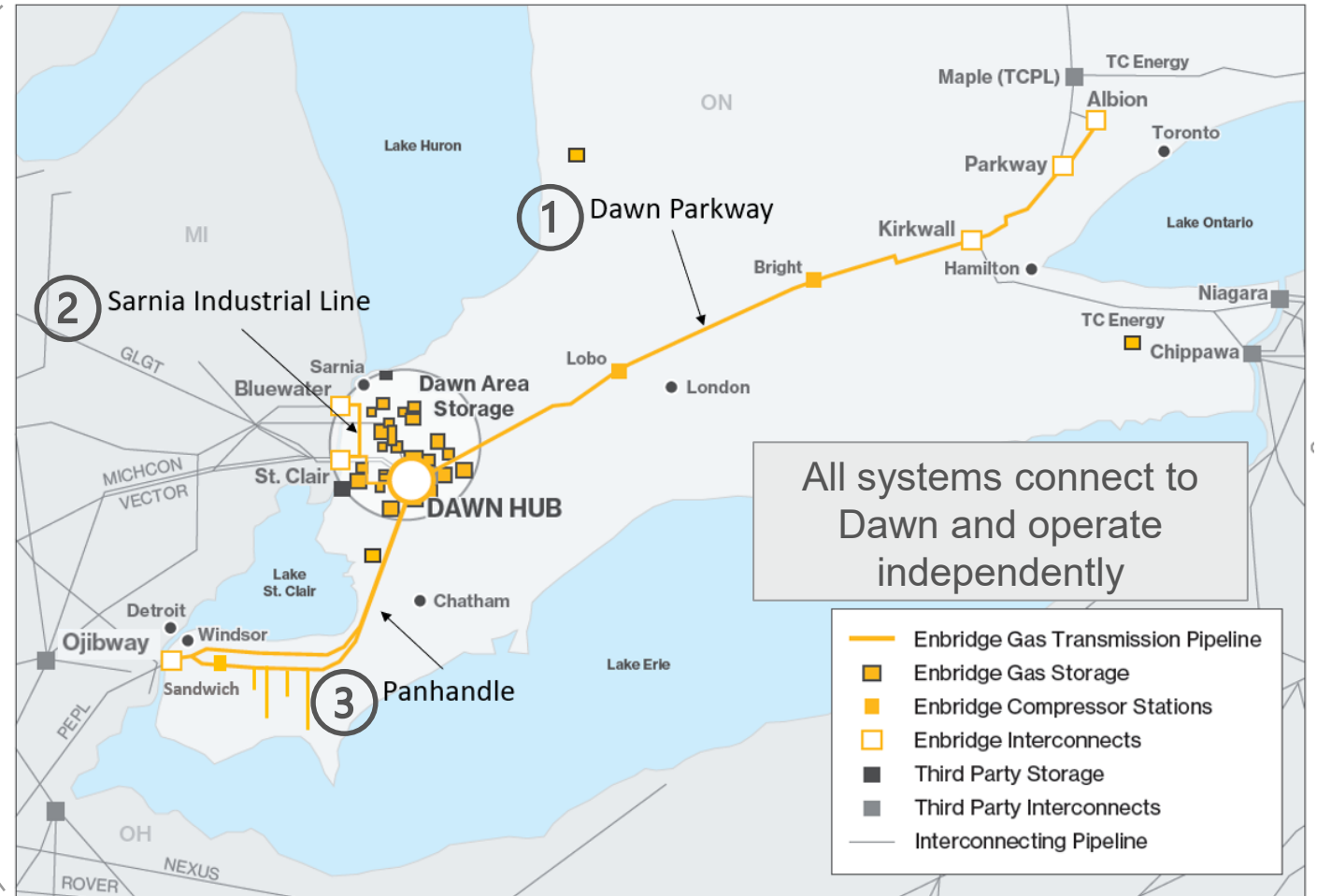
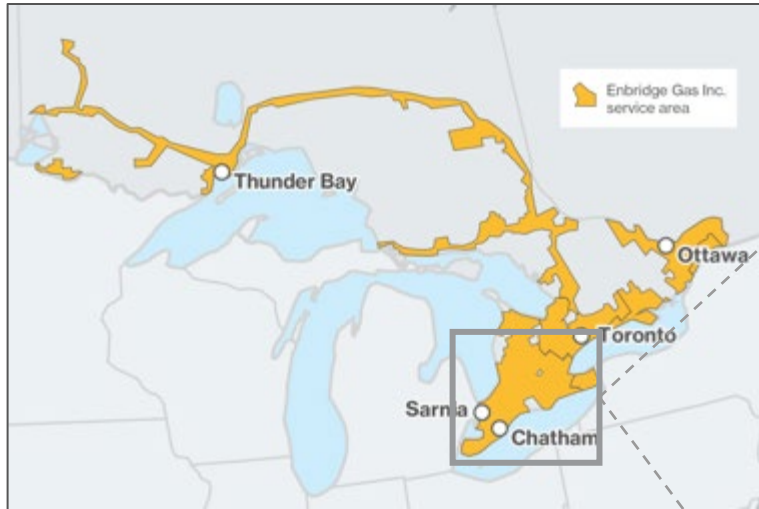
# Panhandle Regional Expansion Project

---

EB-2022-0157

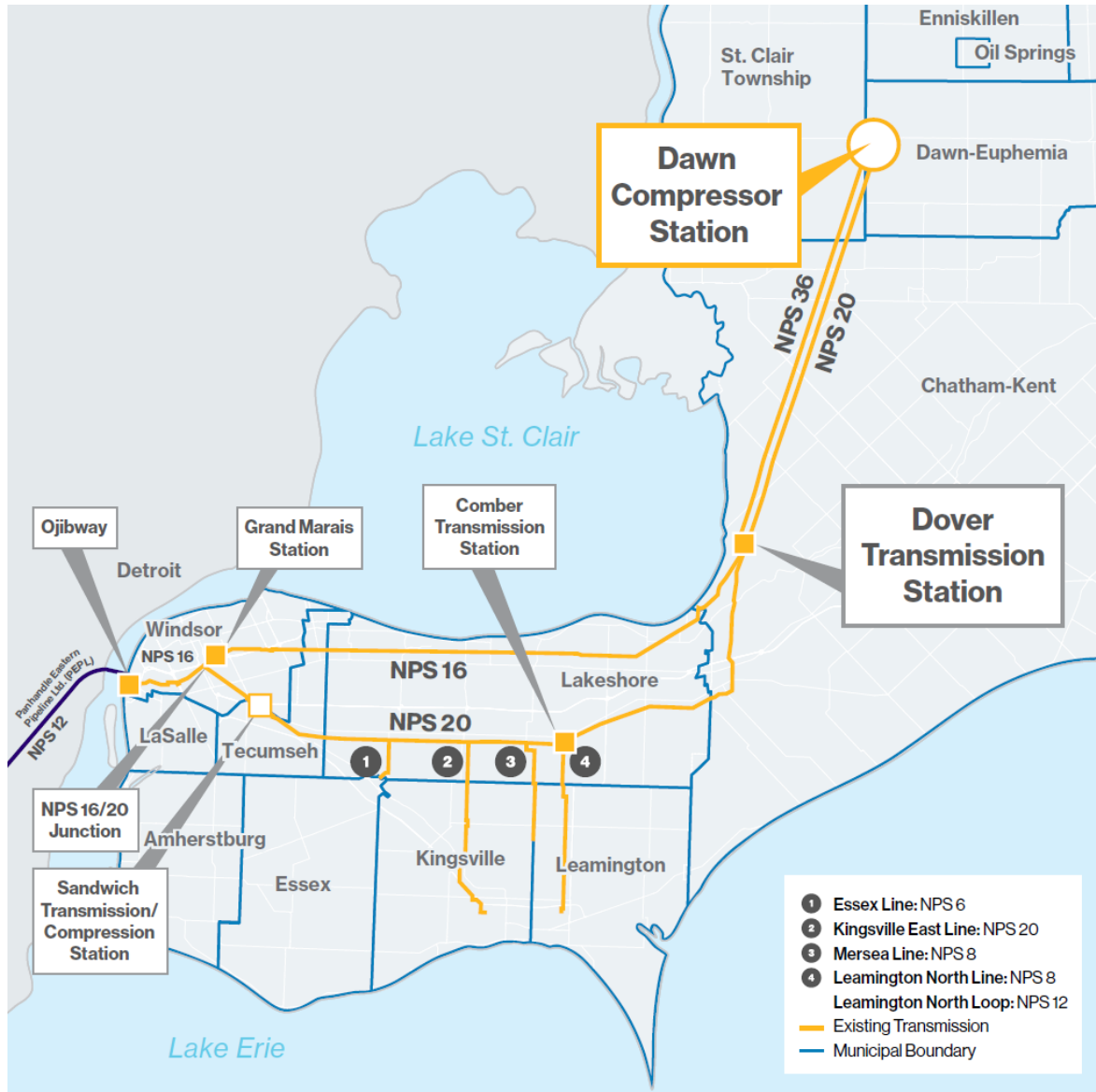
Oral Hearing

# Enbridge Gas Inc. Transmission Systems

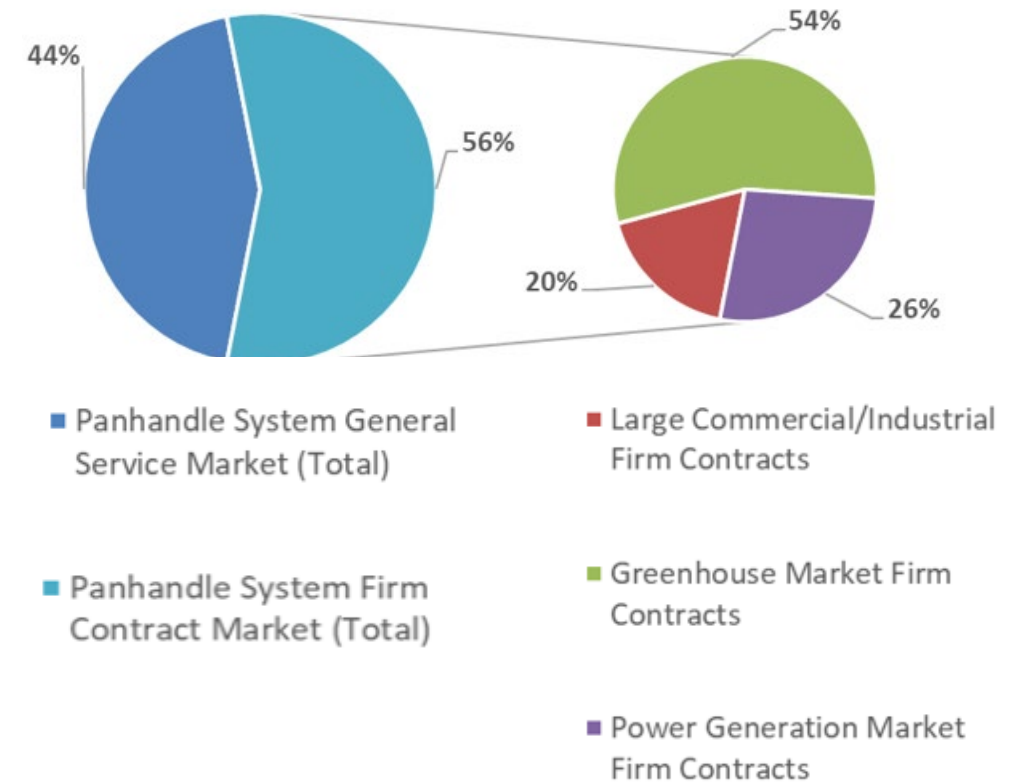


- ① Dawn Parkway
  - East of Dawn
- ② Sarnia Industrial Line
  - NW Lambton County
- ③ Panhandle
  - Kent and Essex Counties

# Panhandle Transmission System

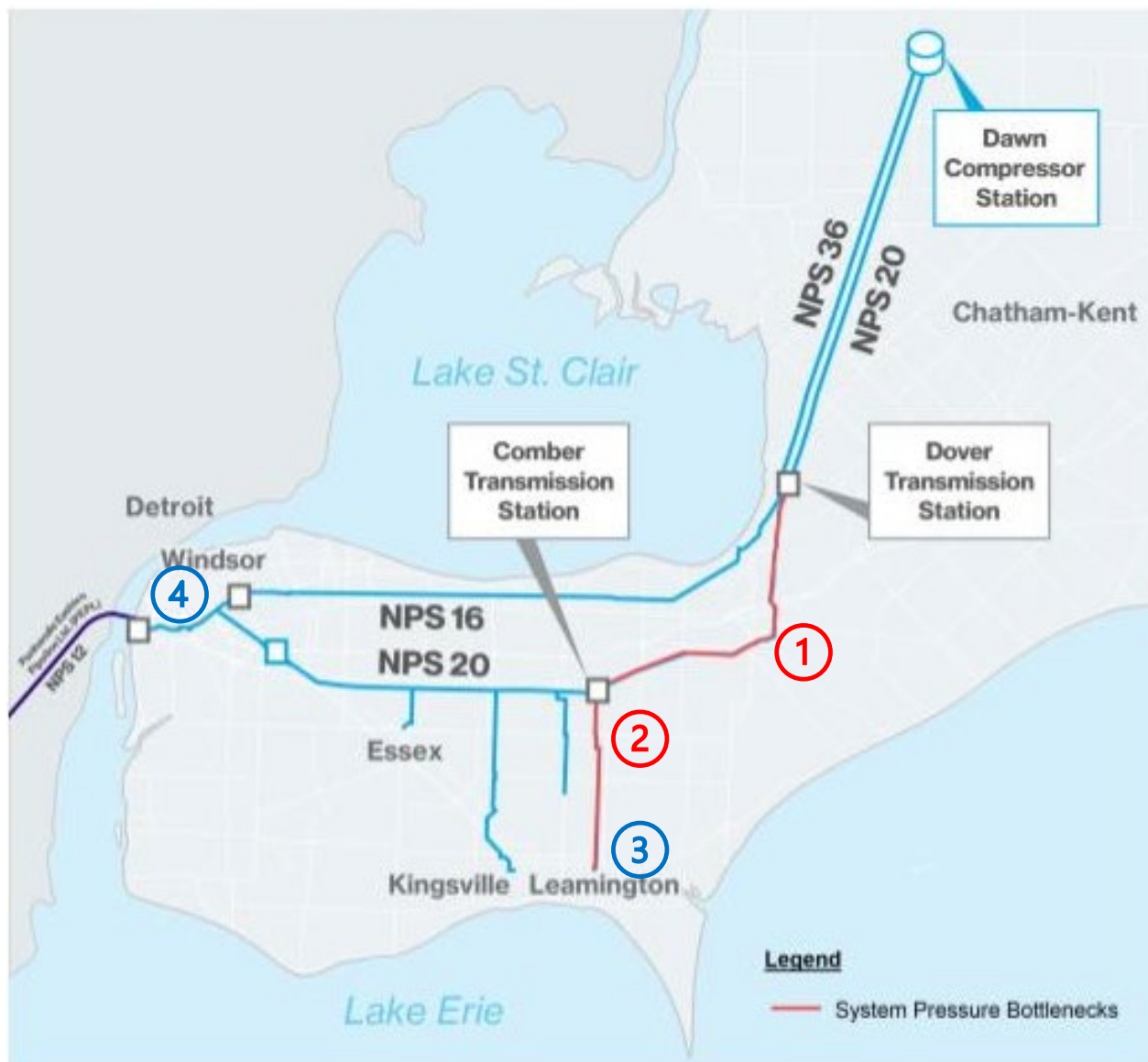


## Panhandle Customer Types



*The Panhandle Transmission System transports natural gas for the benefit of all customers within the Panhandle market including S&T shippers*

# System Bottlenecks and Constraints



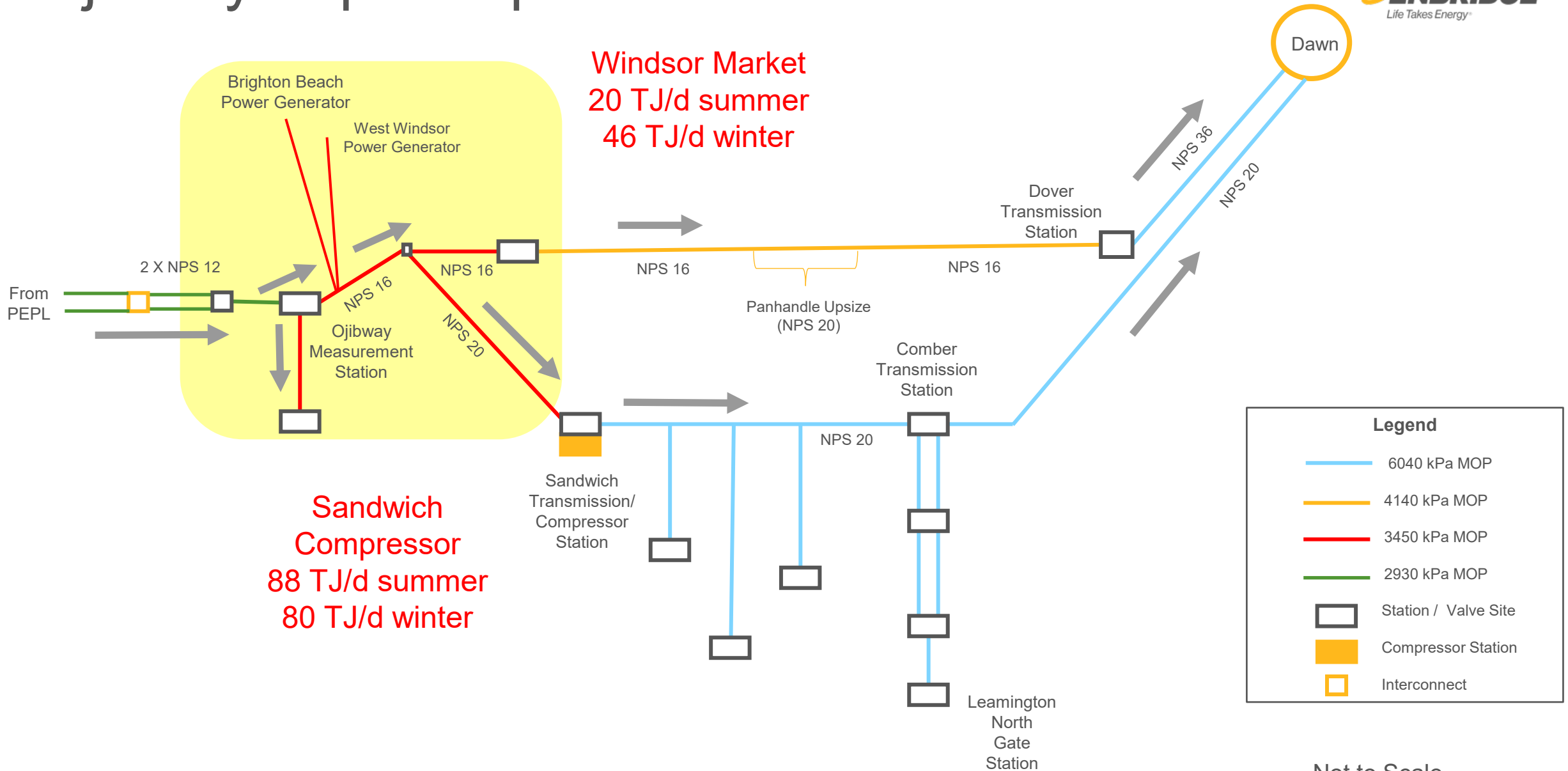
## Bottlenecks

- ① NPS 20 Panhandle Line
  - Dover Transmission to Comber Transmission
- ② NPS 8 & NPS 12 Leamington North Lines
  - NPS 20 Panhandle to Leamington North station

## Pressure Constraints

- ③ Inlet to Leamington North
- ④ Delivery pressure to BBGS

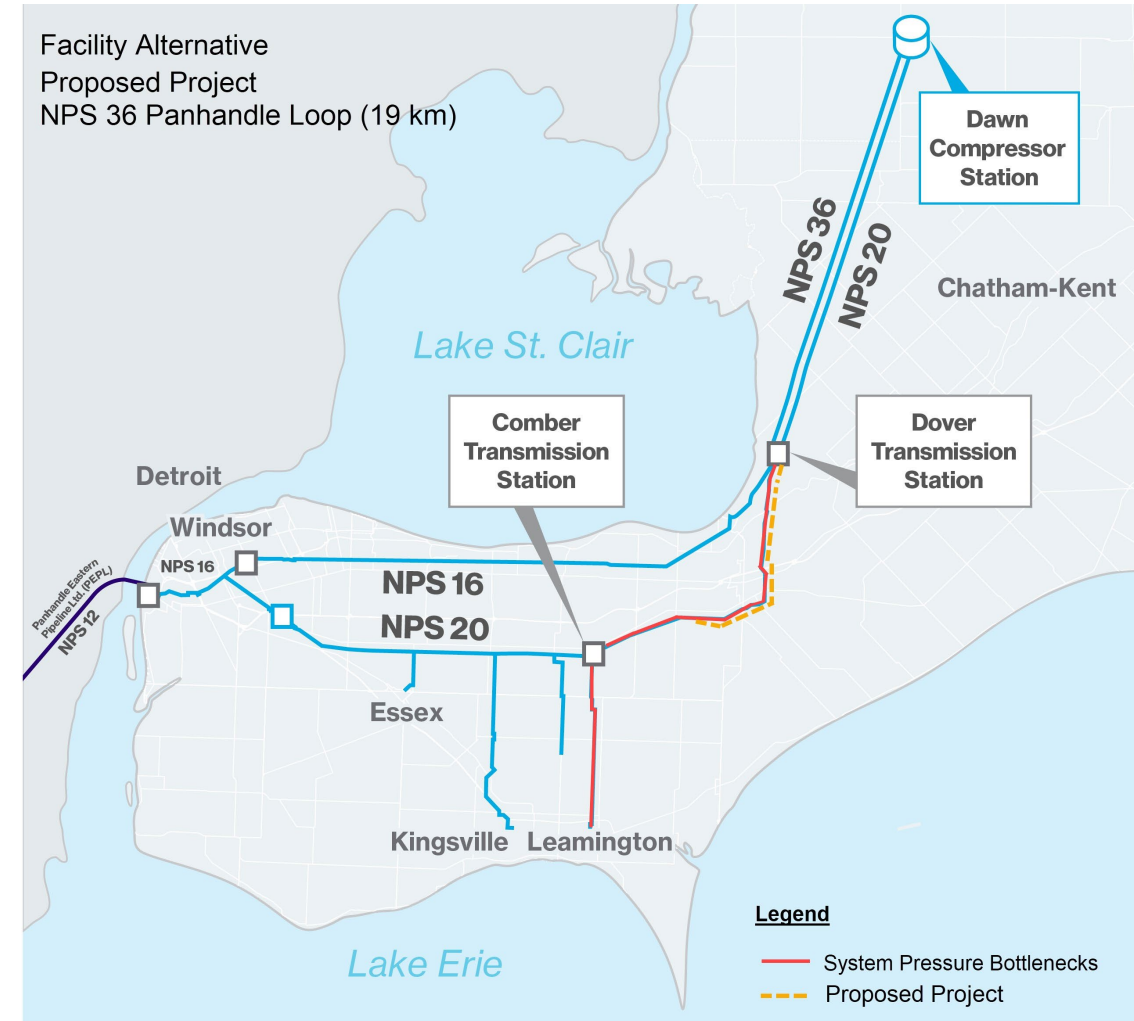
# Ojibway Import Operation



Not to Scale

# Proposed Project

- Consists of 19 km of NPS 36 pipeline loop and ancillary facilities
- Creates 168 TJ/d of Panhandle Transmission System capacity
- Requires in-service date of Nov. 1, 2024
- Partially alleviates the NPS 20 Panhandle Line bottleneck to support 5 years of forecasted system growth
- Provides best cost per unit of capacity





# Customer and Project Need



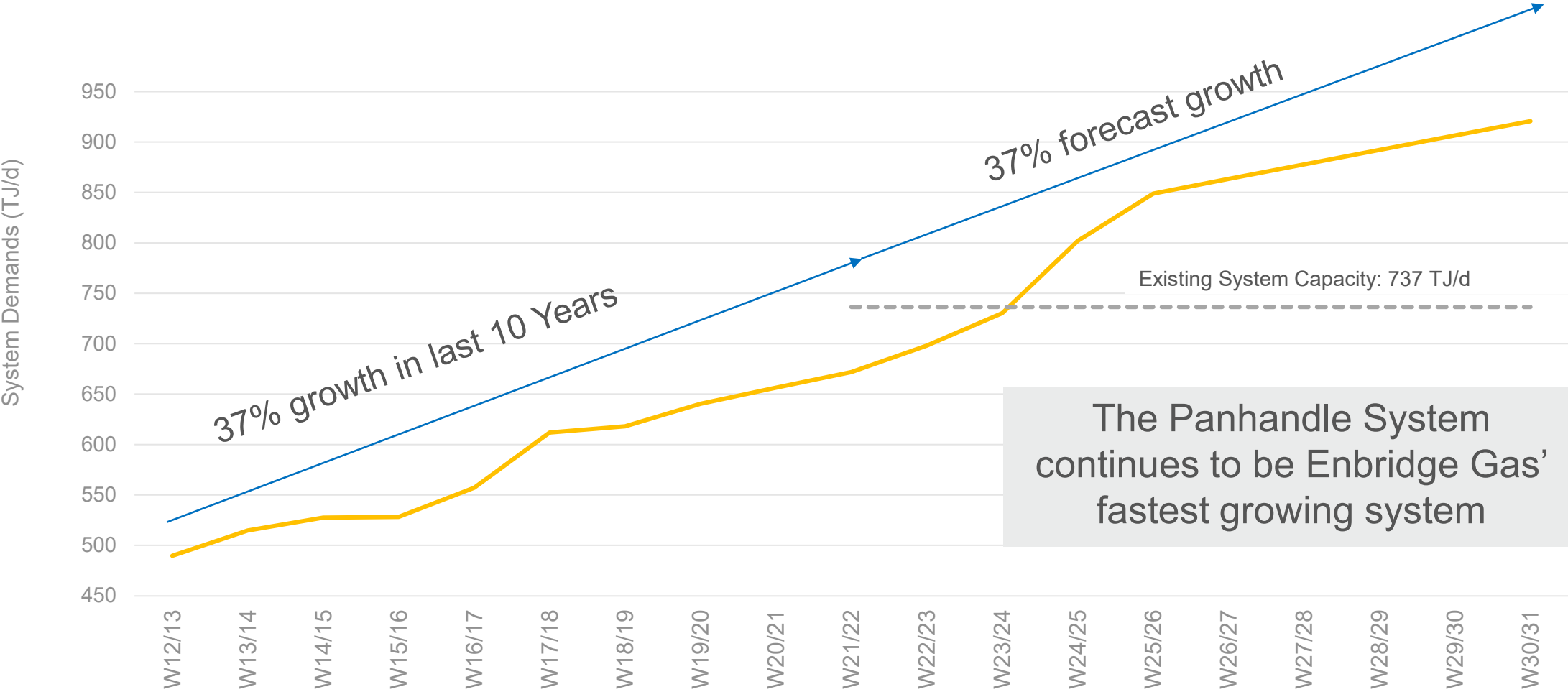
- Contract rate customers are sophisticated and understand their energy needs
- Customers in the Panhandle market area continue to seek firm natural gas services
- Economic benefits to Ontario



- New greenhouses are large and sophisticated
- The image above shows 4 square kilometers with multiple companies

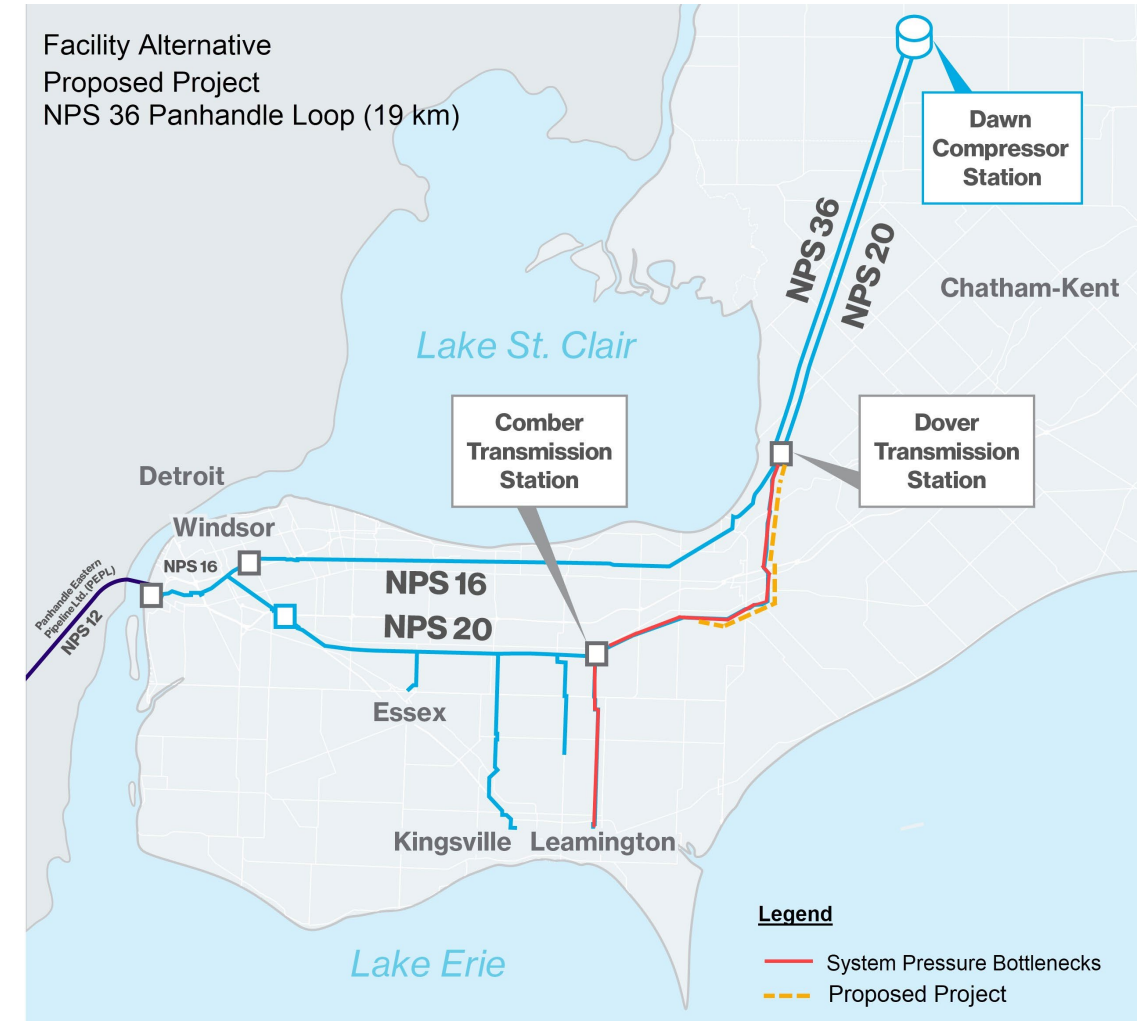


# Growing Panhandle System Demand



# Contribution in Aid of Construction (CIAC)

- The project serves a broad geographic area with multiple distribution systems and customer types
- The impact of incremental demand to system capacity is dynamic and dependent upon the geographic location of customers
- A CIAC cannot be calculated that appropriately recovers the cost of the project



# Thank you

---