



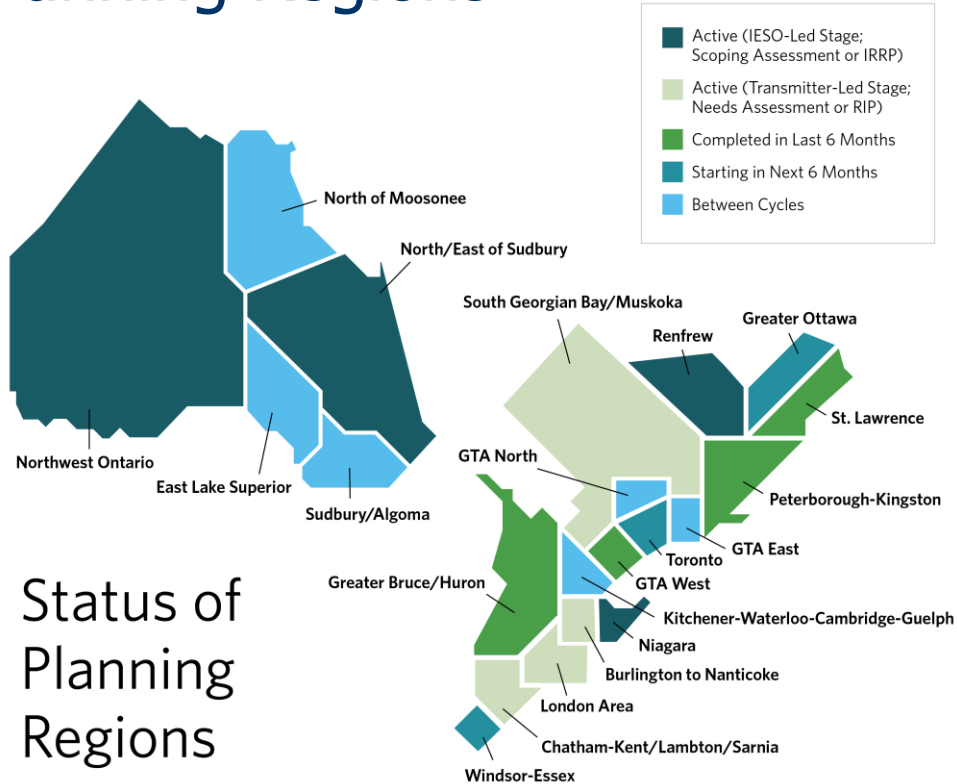
Regional Planning Dashboard

Q3-Q4 2022

Regional Planning Dashboard

- This is an overview of regional planning activities across Ontario. For additional information, please visit the IESO's [engagement and regional planning web pages](#).

Status of Planning Regions

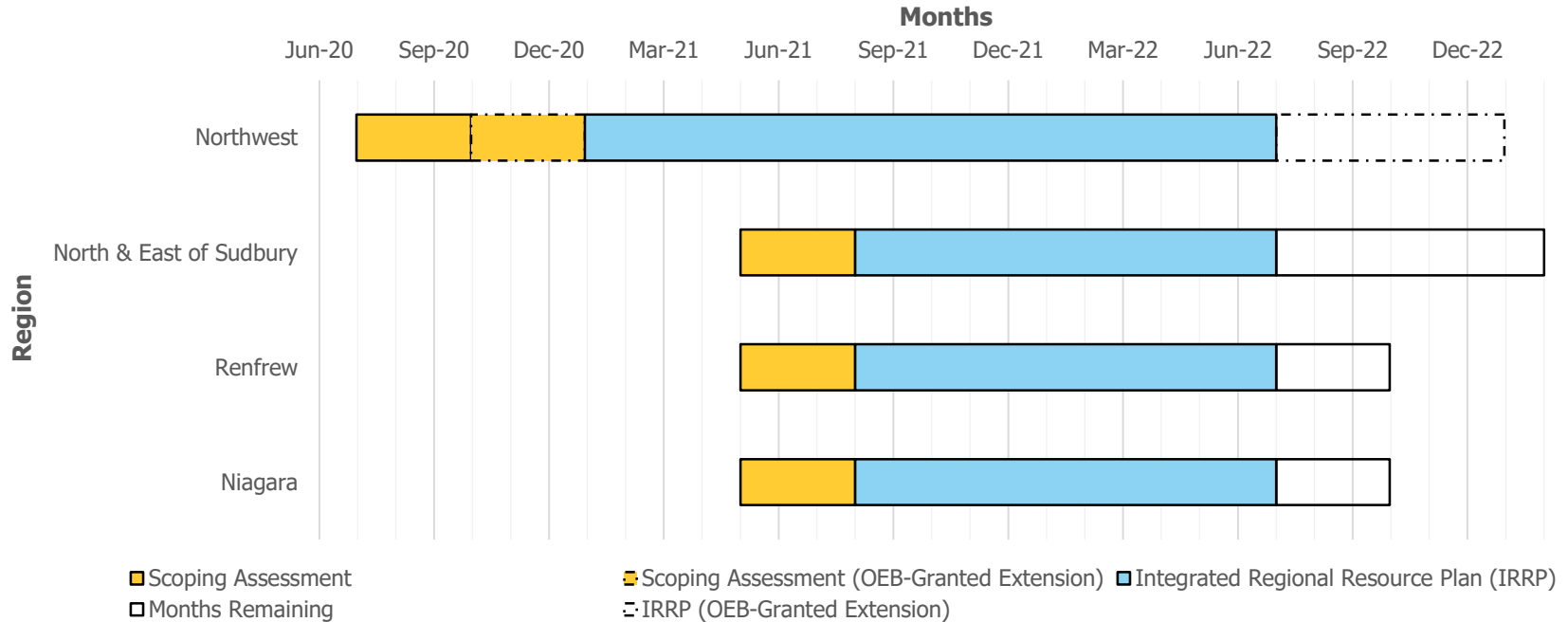


Status of Planning Regions

Public Touchpoints in Q3-Q4 2022

| Timeline | Activity Type | Plan/Study | Purpose |
|-------------------------|----------------------|------------------------------|--|
| June 2022 | Community Outreach | Windsor-Essex IRRP | Seek between-cycle input from communities and stakeholders on growth and planned energy projects/initiatives |
| July 2022 | Webinar | Renfrew IRRP | Seek input on high-level options screening |
| July – August 2022 | Community Outreach | Niagara IRRP | Update communities and stakeholders on IRRP status and seek input to inform development of recommendations |
| August 2022 | Webinar | Niagara IRRP | Seek input on options analysis and draft recommendations |
| August – September 2022 | Community Outreach | North & East of Sudbury IRRP | Update communities and stakeholders on IRRP status and seek input to inform potential solutions development |
| September 2022 | Webinar | Renfrew IRRP | Seek input on options analysis and draft recommendations |
| October 2022 | Webinar | North & East of Sudbury IRRP | Seek input on potential solutions |
| Q3 2022 | Community Outreach | Northwest IRRP | Seek targeted input to confirm long-term regional needs |
| Q3 2022 | Webinar | Northwest IRRP | Seek feedback on options |
| Q3/Q4 2022 | Community Outreach | Renfrew IRRP | Update communities and stakeholders on IRRP status and seek input to inform development of recommendations |

Scoping Assessment & IRRP Progress



IRRP Complexity

| Region | Drivers and Nature of System Needs | | | | | Plan Highlights | | |
|---|------------------------------------|------------------------------------|--------------------------------------|---|---------------------------------|---------------------------------------|---|--------------------------------|
| | Plan Complexity | Customer Growth Needs ¹ | End-Of-Life Opportunity ² | Load Security & Restoration Issues ³ | Performance Issues ⁴ | Potential for Significant Investments | Potential for NWA (Including Local Generation) to Address System Issue or Opportunity | Bulk Dependencies ⁶ |
| Northwest | High | ✓ | ✓ | | ✓ | TBD ⁵ | ✓ | ✓ |
| North and East of Sudbury | High | ✓ | ✓ | | | TBD | ✓ | ✓ |
| Renfrew | Low | ✓ | | | | | ✓ | |
| Niagara | Medium | ✓ | ✓ | ✓ | | ✓ | ✓ | |

¹ Additional supply capacity potentially required

² Aging assets to be replaced

³ Amount of load lost/restored after transmission outages violates criteria

⁴ Issues with frequency and duration of transmission outages

⁵ To Be Determined

⁶ Co-ordination is required with bulk transmission planning

Annual Working Group Meetings

Per recommendations of the [Regional Planning Process Review](#), Technical Working Group members meet annually for regions that are between planning cycles. In these meetings we discuss the status of previous planning recommendations, and new or ongoing developments.

| Region | Meeting Date | Key Outcomes |
|--------------------|--------------|--|
| Ottawa | April 2022 | <ul style="list-style-type: none">• Recommendations made as part of the 2020 IRRP and RIP are progressing as planned• Previously identified load forecast risks are materializing in East Ottawa• Immediate need to launch planning study for Orleans• Decision pending: regional planning will be triggered for Greater Ottawa area (Fall 2022) |
| Windsor-Essex | May 2022 | <ul style="list-style-type: none">• Recommendations made as part of the 2019 Windsor-Essex IRRP and bulk plan, as well as the 2021 West of London bulk plan and 2022 Windsor-Essex IRRP addendum, are progressing as anticipated• New load growth from economic development (particularly in the Windsor and Tecumseh areas)• Decision pending: regional planning will be triggered early (Fall 2022)• In the meantime, to inform the next planning cycle, the IESO will conduct additional targeted outreach with stakeholders and touchpoints with the local distributors and transmitter |
| East Lake Superior | May 2022 | <ul style="list-style-type: none">• Initiated an IRRP Addendum to develop recommendations for resolving the 115 kV system need in Sault Ste. Marie |