

# Ontario Energy Board Remuneration and DERs 2019 Stakeholders Meeting



September 17, 2019 | Presented by Niagara-on-the-Lake Hydro

# Niagara-on-the-Lake Hydro

- Small municipal LDC with just under 10,000 customers.
- High DER penetration.

| DER Type             | # Units | Total capacity (MW) |
|----------------------|---------|---------------------|
| Hydro                | 1       | 2.2                 |
| Bio mass             | 1       | 0.34                |
| Hydro – FIT          | 11      | 1.23                |
| Hydro – MicroFIT     | 146     | 1.46                |
| Hydro – Net Metering | 6       | 0.29                |
| Total                | 165     | 5.52                |
| Lithium Ion Battery  | 1       | 0.25                |

# Key Points

- **LDCs have an obligation to connect load customers and standards are well understood.**
- **No similar obligation exists for DERs.**
- **No current requirement for LDCs to invest to accommodate DERs.**
- **If cost of DERs continues to fall, customers will want to install on their premises. Customers will want control of their DERs.**
- **Providing best possible service means allowing as many customers as possible to install DERs when they want to.**

# Recommendations

- 1. LDCs have the responsibility to manage their systems so as to ensure minimal congestion issues with DERs.**
- 2. Investments in grid modifications to allow DERs to be included in ratebase.**
- 3. LDCs should have an obligation to connect DERs.**
- 4. Minimum sizes should be set below which there should be no charge to connect.**
- 5. Standard terms for DERs above the minimum sizes.**
- 6. Separate rate classes for customers with and without DERs.**
- 7. Continue with net metering but make simpler.**
- 8. No restrictions on DERs if power is not being pushed back on the grid; customer responsible for prevention controls.**
- 9. No new charges for FIT, MicroFIT, RESOP or SOP customers.**