

2017 Ontario Climate Symposium

Natural Gas Stream

Panel Presentation

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Climate Panel – Natural Gas Stream

- Overview of System and Operating Principles
- System Features
- Dealing with climate scenarios
- Next Steps

Overview of System

- NG distribution system is driven by difference in pressure
- No compression in our system (other than Storage)
- Extensive network of mains across most of franchise area
- Regulating equipment is mechanical
- Safety valves have mechanical redundancies

System Features and Notes

- Buried and non-obvious
- Persistent
- Pressurized
- Reliable
- Significant/Intensive process to make safe/purge/re-light
- Ongoing efforts to manage system and forecast needs of network

Dealing with Climate Scenarios



- Ice Storm – Toronto 2013
- Wild fires (Fort McMurray)
- Flooding (Gatineau, Don Valley) – this week

Next Steps

- Further Integration with Municipalities
- Coordinate emergency plans
- Leverage similar expertise
- Share data to promote effective and seamless coordination