**NIAGARA ON THE LAKE**

- About 1.5 hour drive from Toronto, Ontario – Canada
- Short drive from Buffalo, NY, USA
- Minutes from Niagara Falls
WHY NIAGARA ON THE LAKE?

- Amazing place to visit
  - Unique Canadian experience
  - Art galleries and shopping

- 7th International Conference on Integration of Renewable and Distributed Energy Resources Conference (IRED), October 24-27, 2016, Niagara Falls Marriott Gateway
  - Last IRED conference (2014) was in Kyoto, Japan about 300 people attended
  - Symposium hatched at 1st

POWER AND ENERGY

- Niagara was early European settlement (1760) area, and major power generation centers of the northeast
  - Multiple hydro power plants (total capacity of 5.1 GW)
  - Adam Beck #1 a 25 Hz system designed by Tesla
  - A major Pumped-Hydro Storage facility (240 MW)

Adam Beck #1 - 1960

http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=4412948
TOURIST ATTRACTIONS

- Canada’s prettiest town!
- Heart of wine country: http://wineriesofniagaranithelake.com/
- Shaw Festival of live theater http://www.shawfest.com/
- Official town site: https://www.niagaranithelake.com/
SYMPOSIUM VENUE

- Queen’s Landing Conference Center: Grand Georgian Ballroom [www.vintage-hotels.com]
SYMPOSIUM ORGANIZATION

- **Local Organizing Committee (LOC):**
  - Amir Yazdani – Symposium and LOC Chair
  - Farid Katiraei – International Steering Committee (ISC) Chair
  - Chris Marnay – ISC Lead for The Americas
  - Dimitri Androutsos – Chair of ELE Dept., Ryerson University
  - Reza Iravani – ISC Member for The Americas

- **Confirmed Sponsors**
  - Ryerson University
  - Quanta Technology

- **Potential Sponsors**
  - Your company?

- **Collaborators**
  - NRCAN, Government of Ontario
**Potential Technical Tours**

- Power Stream Microgrid System
- Hydro One Smart Zone
- NY Prize Microgrid projects: Cities of Syracuse and Buffalo
- Canadian Solar
- Lewiston Pumped-Hydro Storage Facility
ACCOMMODATION OPTIONS

- Queen’s Landing Hotel (also symposium venue)
  - CAD$190 per night (single or double occupancy)

- Prince of Wales Hotel

- Many cute B&Bs
  - wide range of options

[https://www.niagaraonthelake.com/page/accommodations/](https://www.niagaraonthelake.com/page/accommodations/)
TRANSPORTATION

- Three major airports (in order of traffic volume):
  - Toronto Pearson International Airport (YYZ)
  - Buffalo International Airport (BUF)
  - Niagara Falls International Airport (IAG)
- Go Train from Toronto – Union Station
- Multiple buses and coaches

https://www.niagaraonthelake.com/page/About_Niagara-on-the-Lake
SEE YOU AT NIAGARA ON THE LAKE

20-21 Oct 2016