Notes from OEA Conference – September 28, 2017 (Rose's speech)

Opening Keynote Address – Dan Reicher

Clean Energy at a Crossroads

- Triangle connecting technology, finance, policy = key to sustainable energy future
- Facing the biggest economic opportunity of the 21st century
- Technology – we need it all, efficiency, nuclear, renewables , storage (showed StatOil video on floating wind turbines)
- Finance - $750 billion/year spent on renewables, globally today – need more - $2.3 trillion for clean energy
- Policy – can present investment risks – early stage technology investments (Google has pulled away on that), vs. late stage project investor

Regulatory Evolution Panel – Robert Warren (Moderator), Indy Butany-DeSouza, Gordon Kaiser, Hon. Joseph Kelliher

- Indy – OEB set us up to apply for DER in rates – evolution of DER allowing for opportunity to integrate into system, not only looking at poles & wires
- Gordon – need to remove barriers to innovation
- Deregulate local generation/storage??
- 2006 – NGEIR – this was a good process
- Joseph – regulatory evolution - regulation needs to get out of the way – reduce barriers
- Regulatory revolution – force change, adoption of new markets
- Regulatory devolution – defy market change, opposition to competition and open access, delay change – this is generally unsuccessful

Governance for Energy Planning Panel – Ron Clark (Moderator), David McFadden, George Vegh

- New normal for us with government involvement – what is effective governance model
- David - ON electricity system is a bad example of governance
- Dwight Duncan – best Energy Minister – OPA was doing the planning – IISP started – there was a hearing, then it stopped – new government, LTEP, never reviewed, operated outside rule of law, Bill 135 came in – now legal for government to do energy planning
- Independence/checks & balances need to be in place
- Should be a cost/benefit analysis of all policies – in US, special office set up by Ronald Reagan, still in existence today
- Election – energy will be an issues – other organizations, consumer groups, Boards of Trade, lots of people following issues and need to dialogue for change
- We elect people to do something, need independent officer of legislature – FHP – Financial Accountability Office looked at it but didn't do a cost/benefit analysis
- Anthony Haines – comment – "we need to put OEB on steroids" – regulate every penny/oversee every $ spent on energy in the Province
- George – not giving agencies more power is the answer – need to watch agencies more closely – don't have full disclosure in non-adjudicative issues - need more disclosure between what goes on between government and agencies

Utility of the Future Panel – Stu Laurie (Moderator), Anthony Haines, Cynthia Hansen, Don Lowry

- Anthony – role for THESL to invest in EV/storage – fundamental part of Dx system, 2015 application approved
- Battery on Metrolinx ($75M) – inside the device – will be interesting regulatory process, Sunnybrook – power saving device?
- What does EV do to load factor?
- Cynthia – delivering energy – we need it all – customer focused
- Don – need new utility governance model – skills/tools/processes
    - Common for directors to be non-independent, appointed by shareholder
    - Risk averse
    - Progressive utilities – the majority of directors will be independent, broad skill sets, finance, marketing, entrepreneurial, culture of diversity, innovation and growth
    - Success does not come without risk
    - Increasingly, customers can exercise choice re – energy options
    - Regulated Dx and DER, capital structures are complex, open to 3rd party equity infusion

Energy Polling – Greg Lyle

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The Politics of Energy Panel – Ashley Csanady (Moderator), Bob Delaney, Todd Smith, Peter Tabuns

- Peter – FOI request on government spending on advertising FHP - $5.5M
- Todd – knows that letter to OEB required LDCs to advertise FHP on bills until July 2018, one month after June election – meanwhile, asked to hide cap and trade costs on gas bills
- Peter – OEB is "glove puppet" – tightly managed by government – couldn't review sale of Hydro One or Smart Meters