

On-going and work related subjects

Topics

- **Avoided Cost**
 - Status: No Updates
 - Description: Last avoided cost was produced for Scenario D planning scenario early spring 2017
 - Key contact: Brendan
 - S:\Resource Integration 2\Avoided Cost
 - S:\Resource Integration\Economics
 - S:\Resource Integration 2\System Resources\Conservation\Time of Use
- **SBG**
 - Status: On-going
 - Key contact: Allan Leung, Cherry Xi
 - Description: LCG was contacted last to implement nuclear maneuvers to UPLAN. Updates to the dispatch price order, marginal costs of different fuel types and operational costs for biomass is required.
 - S:\Resource Integration 2\Ontario Planning Outlook\SBG Analysis
 - S:\Resource Integration 2\Operability\SBG or PSE
- **NUGs**
 - Status: On-going
 - Key contact: Darryl Yahoda, Danielle D'Souza
 - Description: Follow-up with Darryl Yahoda's group on who has replaced Danielle D'Souza for updating and negotiating with the remaining NUG contracts. Working file "Table of Facilities July 2017" to log changes to assumptions.
 - S:\Resource Integration 2\NUGs
- **Regional Plans and Other Transmission Economic Analysis**
 - Status: On-going
 - Key contact: For EWT Megan/Greg Peniuk, for H&M Yvonne
 - Description: East West Tie analysis on-going with economic analysis in development. Require UPLAN input for energy value and reliable cost estimates for CNG and LNG options. Hawthorn to Merivale transmission report. Need to justify spending \$20M in upgrades which would allow Hydro Quebec 1,250 MW of firm capacity. Need to engage markets on justification.
 - S:\Resource Integration 2\Transmission Support
- **Base Cost for Technologies/ Hatch Report (s)**
 - Status: No update
 - Key contact: George
 - Description: Hatch report provides cost estimates for CCGT, SCGT and CHP facilities in different geographic zones in Ontario. These costs are often referenced and used for the basis of weighing economic options. Another Hatch report is used for costing small scale renewables as well.
 - S:\Consulting Reports
 - Also review public info (e.g. EIA, IEA, CERA)
 - S:\PSP Reference Library
- **Fuel Forecast**
 - Status: Requires annual update

- Key contact: Cherry Xi
- Description: Fuel forecast model updates annual values for both natural gas, USD/CAD exchange, other costs required for UPLAN. Last updated Feb 2017
 - S:\Financial Models and Assumptions\Fuel Forecast
- **Economic models**
 - Status: No updates
 - Key contact: Sal
 - Description: Location of the base economic model. These are used to calculate Levelized Costs which can be compared economically to other options. Re-use capital cost assumptions and regulated revenue assumptions.
 - S:\Resource Integration\Economics
 - S:\Resource Integration\Economics\lcalc
 - S:\Resource Integration\Economics\SDR
- **Cost to Customer (CTC) model/Gas Model**
 - Status: On-going
 - Key contact: CTC = Joyce, Gas Model = Cherry Xi
 - Description: Many variations of the cost to customer model exist for different analysis. Gas model embedded within it is to be maintained annually.
 - S:\Cost to Customer Models\2017 CTC Models
- **Ontario Fair Hydro Plan (OFHP)**
 - Status: On-going
 - Key contact: Joyce
 - Description: MOE owns, maintains and updates the OFHP model. The model takes a residential forecast input from the CTC model. Need to work with MOE on developing updated forecasts of the OFHP projection.
 - S:\Cost to Customer Models\2017 CTC Models\OFHP
- **Market Renewal**
 - Status: On-going
 - Key contact: George, Conrad
 - Description: Documentation of the Brattle groups results contrasted with the OPO assumptions. This requires an update while including markets in the discussion. Contact Hok or Anthony Clemente for assistance. Conrad knows the location for the work for net capacity costs using the results of an OPO UPLAN run.
 - S:\Resource Integration 2\Market Renewal