

# TTWG Studies Update September 11, 2019

### **TTWG Studies**



Study	Description	Stage / Next steps
P1 – System Planning	<ul> <li>Overview of costs, drivers and transmission planning in Alberta</li> <li>Includes past and future system project costs</li> </ul>	Report sent on September 10 <sup>th</sup> TTWG
F1 – Tariff Design Overview	<ul> <li>Historical ISO tariff design overview</li> <li>Other industry pricing and tariffs review</li> <li>Jurisdictional review including functionalization, classification, allocation and opportunity services review.</li> </ul>	Navigant selected Kicking off this week
F2 – Line Correlation Analsyis	<ul> <li>Correlation analysis of line power flow versus system load and regional load</li> <li>First Stage: 240kV or greater lines or line segments</li> </ul>	Data compiled. Analysis in progress

# **TTWG Studies (cont'd)**



Study	Description	Stage / next steps
A1 – Historical and Forecast Load, Historical Generation	<ul> <li>Hourly historical and forecast load, historical generation by market participant category, type and region</li> </ul>	Data posted on AESO website on September 11th
C1 – Classification – Average & Excess	<ul> <li>Cost classification can be achieved through analyzing line loading and determining average and excess line loading to create fixed, volumetric and variable classifications</li> </ul>	Deferred TTWG offer to lead?
C2 – Classification – Minimum System	<ul> <li>Cost classification can be achieved through analyzing minimum system and optimum system to create fixed, volumetric and variable classifications</li> </ul>	Deferred TTWG offer to lead?
C3 – Classification – Fixed and Variable	<ul> <li>Cost classification can be achieved through analyzing fixed and variable costs to create fixed, volumetric and variable classifications</li> </ul>	Deferred TTWG offer to lead?

# **TTWG Studies (cont'd)**



Study	Description	Stage / next steps
R1 – Value of Service	<ul> <li>Review the value of electricity service to customers and their potential responses</li> </ul>	Engage external consultant
A2 – Rate Classes	<ul> <li>Alberta legislative and regulatory review of barriers and hurdles for new rates or rate classes</li> </ul>	In progress
R3 – Bonbright Review and Report	<ul> <li>Bonbright's criteria of rate design and applicability to the transmission tariff</li> </ul>	Review complete Next steps?
R4 – Historical Coincident Peak Response	<ul> <li>Review past market participant response to monthly coincident peak pricing signal – monthly MWs and monthly dollars.</li> </ul>	In progress

### **Next steps – September and October**



- Finalize identified studies and circulate to TTWG for discussion and next steps
- TTWG homework
- Meeting schedule options



