

# Transmission Tariff Working Group

## Studies Update

Study	Description	Stage
P1 – System Planning	<ul style="list-style-type: none"> <li>• Overview of costs, drivers and transmission planning in Alberta</li> <li>• Includes past and future system project costs</li> </ul>	In progress – drafting report
F1 – Tariff Design Overview	<ul style="list-style-type: none"> <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>	RFI to 6 pre-considered consultants 5 intend to respond with proposals by July 5
F2 – Line Power Flow and Correlation	<ul style="list-style-type: none"> <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

Study	Description	Stage
A1 – Historical and Forecast Load, Historical Generation	<ul style="list-style-type: none"> <li>Hourly historical and forecast load, historical generation by market participant category, type and region</li> </ul>	Data in progress
C1 – Classification – Average & Excess	<ul style="list-style-type: none"> <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 until Tariff Design report complete
C2 – Classification – Minimum System	<ul style="list-style-type: none"> <li>Cost classification can be achieved through analyzing minimum system and optimum system to create fixed, volumetric and variable classifications</li> </ul>	Deferred until Tariff Design report complete
C3 – Classification – Fixed and Variable	<ul style="list-style-type: none"> <li>Cost classification can be achieved through analyzing fixed and variable costs to create fixed, volumetric and variable classifications</li> </ul>	Deferred until Tariff Design report complete

Study	Description	Stage
R1 – Value of Service	<ul style="list-style-type: none"> <li>Review the value of electricity service to customers and their potential responses</li> <li>Industrial customers' value of service (onsite gen)</li> </ul>	Engage external consultant  Presentation – Jun 19
A2 – Rate Classes	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <li>Bonbright's criteria of rate design and applicability to the transmission tariff</li> </ul>	Review complete
R4 – Historical Coincident Peak Response	<ul style="list-style-type: none"> <li>Review past market participant response to monthly coincident peak pricing signal – monthly MWs and monthly dollars.</li> </ul>	In progress

- AESO tariff resources constrained for capacity market cost allocation application
- Finalize identified studies and circulate to TTWG for discussion and next steps
- Further working group session(s)

Thank you