

# Transmission Tariff Design Working Group (TTWG) Update

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- As discussed in March 6, 2019 TDAG session, TTWG work was, and is, constrained by work for 2018 tariff proceeding
- Final study scopes are being reviewed by TTWG
- Some study and data requirements have progressed (update to follow) in documenting precise data requirements for studies

# Data requests summary and 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>   | Workshop Apr 18<br>Data in progress |
| 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> | Draft RFP with AESO                 |
| F2 – Line Utilization 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 in progress                    |
| 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>  | Finalize precise data requirements  |

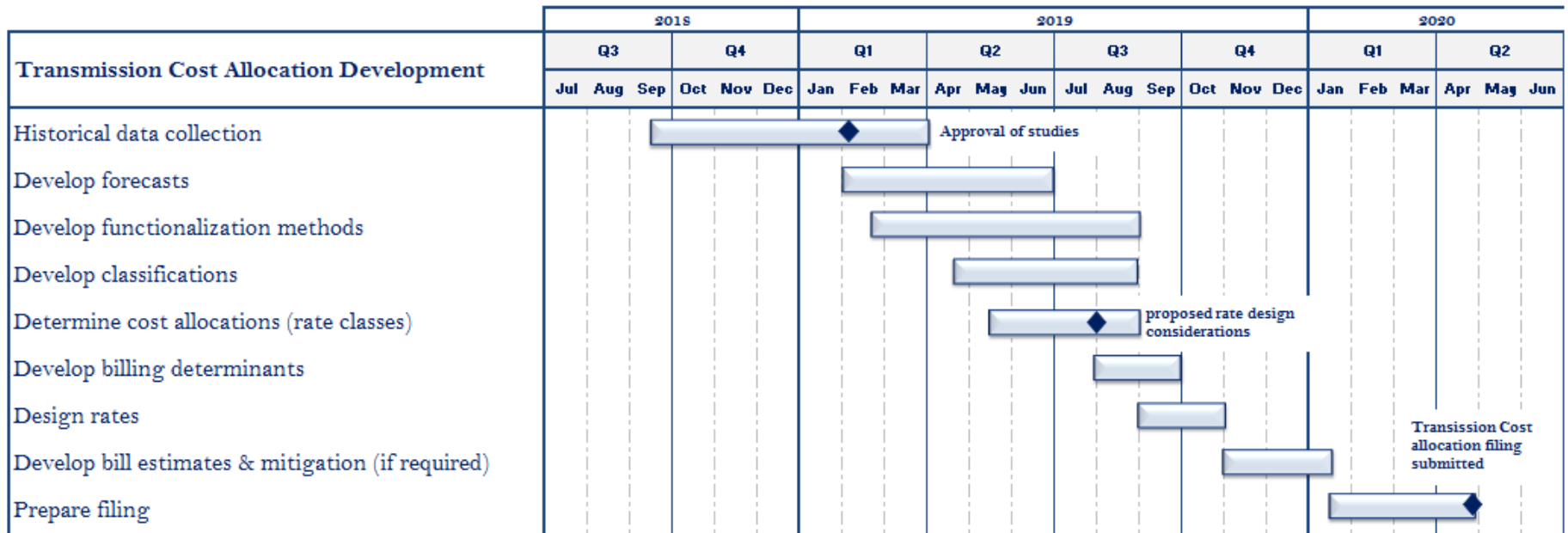
# Data requests summary and update (cont'd)

| Study  | Description  | Stage  |
|--|--|--|
| 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> | To initiate  |
| 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>          | Finalize precise data requirements   |
| 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   |
| R1 – Value of Service                                    | <ul style="list-style-type: none"> <li>• Review the value of electricity service to customers and their potential responses</li> </ul>   | To initiate industrial customers value of service (onsite gen) RFQ for other customers |
| 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  |

# Data requests summary and update (cont'd)

| Study                                    | Description  | Stage                                   |
|--|--|---|
| 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<br>Report to be drafted |
| 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> | Data in progress                        |

# Schedule



# Next steps – April and May

- AESO tariff resources constrained for 2018 tariff proceeding and capacity market rules proceeding
- As precise study and data requirements are finalized by TTWG, AESO will work with other AESO teams to determine deliverable dates
- Work towards finalized precise study and data requirements and timing to be presented for information to TDAG on May 9, 2019
- Begin RFP process for external consultants for Tariff Design Overview
  - Consultant suggestions?
- Plan that TTWG can accelerate mid-April and May to achieve our schedule

**Questions?**