

Preliminary Draft of SAM 2.0 – 3.0 Work Plan

Eligibility Session 6 - August 15, 2017



Date (tentative): 8: 00 AM – 12:00 PM	Session #	Topics
Sep 12, 2017	1	<ol style="list-style-type: none"> 1. Revisit ICAP vs. UCAP <ul style="list-style-type: none"> • AESO data requirements and availability • Who will calculate UCAP • Introduce UCAP for variable generation 2. Initial discussion: Is storage a capacity resource? 3. Introduce or continue: Can resources outside of Alberta participate in the capacity market?
Sep 26, 2017	2	<ol style="list-style-type: none"> 1. Review industry feedback from SAM 2.0 2. Revisit Demand Resource participation (supply side vs. demand side)
Oct 10, 2017	3	<ol style="list-style-type: none"> 1. Demand Resource participation continued 2. Will “down to” and “down by” resources be treated the same in the capacity market? 3. Is Energy Efficiency a capacity resource? 4. Introduce: Can resources aggregate to participate in the capacity market 5. Revisit Tariff vs. Retail Settlement 6. Revisit minimum size threshold
Oct 24, 2017 (full day)	4	<p><u>First Half of Session: Eligibility</u></p> <ol style="list-style-type: none"> 1. Recommendation: UCAP vs. ICAP Who calculates UCAP 2. Recommendation: Demand Resource participation (supply side vs. demand side) 3. Recommendation: Is storage a capacity resource? 4. Directional Indication: Can resources outside of Alberta participate in the capacity market? <p><u>Second Half of Session: Performance Period</u></p> <ol style="list-style-type: none"> 1. How will the performance period be defined? 2. Terms and conditions of performance 3. Non-performance due to: <ul style="list-style-type: none"> • Planned Maintenance • Forced Outages & Derates • Transmission Congestion 4. How will capacity penalty revenue be allocated?
Nov 7, 2017	5	<ol style="list-style-type: none"> 1. Recommendation: Is Energy Efficiency a capacity resource? 2. Recommendation: Can resources aggregate to participate in the capacity market? 3. Delisting 4. Interdependency with Market Mechanics: <ul style="list-style-type: none"> • Factoring deliverability constraints in UCAP calculation • Selecting resources in out-flow constraints

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		<ul style="list-style-type: none"> Selecting resources in in-flow constraints
Nov 21, 2017 (full day)	6	<p><u>First Half: Performance Period & UCAP Proposal</u></p> <ol style="list-style-type: none"> Recommendation: How will the performance period be defined? <ul style="list-style-type: none"> Introduce concept of spot-testing Recommendation: Is non-performance due to planned maintenance permitted? Review UCAP Proposal <ul style="list-style-type: none"> How to allocate a capacity value to storage. Calculation methodologies for new and existing non-variable and variable resources <p><u>Second half: SAM 3.0</u></p> <ol style="list-style-type: none"> Discuss & Develop SAM 3.0 Review SAM 3 Summary and Interdependencies