

Minutes



Performance Measures Committee meeting #65

Date: 20 November 2013

Time: 1:00 pm – 3:00 pm

Place: CASA office, 10035 108 Street, Edmonton

In attendance:

Name

Martina Krieger

Keith Murray

Ruth Yanor (by phone)

Celeste Dempster

Stakeholder group

Alberta Environment and Sustainable Resource Development

Alberta Forest Products Association

Mewassin Community Council

CASA

Action Items:

Action items	Who	Due
64.2: Celeste will follow-up on the Data Issues Group recommendation 5-10 to obtain more information on the intent of this recommendation.	Celeste	Carry forward.
64.3: Celeste will follow-up on the Data Issues Group recommendation 6-8 to obtain more information on the intent of this recommendation, how it was envisioned it could be implemented and what would subsequently be done with the information.	Celeste	Carry forward.
64.4: Celeste will contact the Co-Chairs of the 2005 Renewable and Alternative Energy Project Team to get more information on how this recommendation could be met.	Celeste	Carry forward.
65.1: Celeste will administer the 'Recommendation Implementation Assessment Questionnaire' for the three recommendations that were identified as substantive from 2009.	Celeste	By next meeting.
64.2: Martina will forward data being collected by AESRD to Celeste.	Martina	By next meeting.
64.3: Celeste will poll for dates for a full day meeting in mid-January 2014.	Celeste	ASAP.

1) Administrative Items

The meeting began at 1:00 pm. Quorum was achieved.

The agenda and meeting objectives were approved by consensus.

The minutes from meeting #64 were approved by consensus.

Action items from meeting #64 were reviewed as follows:

Action items	Who	Status
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63.2: Celeste will investigate the origins of the definitions of administrative, operational and substantive that are used in the calculation of Performance Measure #3 for discussion at the next meeting.	Celeste	Complete. See additional information below.
64.1: Celeste will follow-up with Peter on all the discussions from today's meeting to achieve quorum.	Celeste	Complete.
64.2: Celeste will follow-up on the Data Issues Group recommendation 5-10 to obtain more information on the intent of this recommendation.	Celeste	Carry forward.
64.3: Celeste will follow-up on the Data Issues Group recommendation 6-8 to obtain more information on the intent of this recommendation, how it was envisioned it could be implemented and what would subsequently be done with the information.	Celeste	Carry forward.
64.4: Celeste will contact the Co-Chairs of the 2005 Renewable and Alternative Energy Project Team to get more information on how this recommendation could be met.	Celeste	Carry forward.
64.5: Celeste will prepare a first draft of the 2012 annual report and send it to the Committee for review.	Celeste	Complete.

Additional Information:

Action Item 63.2: Celeste was able to locate meeting minutes from the 2000/2001 period when the Performance Measures Subcommittee was developing the procedure to evaluate the implementation of recommendations (which includes categorizing recommendations as administrative, operational, or substantive). The minutes show that the subcommittee developed the protocol, discussed it at length, and then developed a pilot test to assess the effectiveness of the protocol. The pilot test was followed by a discussion and the protocol has been used to evaluate all recommendations since that time (including retroactively evaluating pre-2001 recommendations).

Update on the development of a CASA database to track recommendations: The CASA Secretariat hired a consultant to put together a proposal for a database that would track not only recommendation implementation but also CASA Board and Executive Committee decisions and important team milestones. The database has since been developed. Each recommendation will have its own page and will record important information including: team name, recommendation, date approved by Board, category (administrative, operational, substantive), and follow-up information. Celeste will be entering recommendations into the searchable database as time permits.

2) 2009 Recommendations

The Committee reviewed recommendations approved by the Board in 2009 and classified them as administrative, operational, or substantive. In 2009, the Board approved 10 recommendations from the Electricity Framework Review Team, 14 recommendations from the Clean Air Strategy Project Team, and 8 recommendations from the Enhanced Collaboration with the Water Council Committee. The Committee found that Recommendations 6, 7 and 8 from the Electricity Framework Review Team were substantive.

Action Item 65.1: Celeste will administer the ‘Recommendation Implementation Assessment Questionnaire’ for the three recommendations that were identified as substantive from 2009.

The remaining recommendations were classified as either operational or administrative as per the table below.

Rec #	Recommendation	Category
<i>Electricity Framework Review</i>		
1	In 2013, the next five-year review team should complete a detailed evaluation of the implementation of recommendations 8 and 9 of the 2003 Framework, regarding the Emissions Trading System.	O
2	Alberta Environment ensure that monitoring, reporting, and compliance data is made available to the public in an easily accessible manner, and that this be considered a high priority in Alberta Environment’s Integrated Monitoring and Reporting Framework expected to be completed by March 31, 2010.	O
3	The CASA board review the status of implementation of the recommendations made by the Renewable and Alternative Energy project team and the Electrical Efficiency and Conservation project team by the end of 2009.	O
4	No additional work or revisions to the Framework are required at this time based on new or additional health and environmental effects information.	Does not meet selection criteria
5	For future five-year reviews, a multi-stakeholder group with appropriate representation be struck to oversee a study to identify any new and relevant studies or research findings regarding potential environmental or health effects from air emissions from electricity generation, and that an independent peer review be completed on the results.	O
6	<p>The following standards apply to coal-fired boiler generating units without carbon capture technology that are approved on January 1, 2011 or later:</p> <p>Nitrogen Oxides (NOx) Emission standard: 0.47 kg/MWh net Design specification: 0.40 kg/MWh net (Note: In addition to requiring compliance with the NOx emission standards, the environmental approval will include a condition that requires the proponent to design the NOx control equipment with the capability to reduce emissions to 0.40 kg/MWh net, or less.)</p> <p>Sulphur Dioxide (SO2) Emission standard: 0.65 kg/MWh net or 90% removal, whichever is less stringent. Particulate Matter (filterable1) 6.4 ng/J of heat input (~0.066 kg/MWh)</p> <p>Mercury 75% capture design target</p>	S

	<p>Optimization plans to meet 80% capture by 2013</p> <p>The standards are conditional on emissions during startups and shutdowns (using best practices) excluded from compliance measurement and reasonable flexibility by Alberta Environment during new technology commissioning period.</p>	
7	<p>The following deemed credit thresholds for the 2011 BATEA standards be applied to new coalfired and gas-fired units:</p> <p>A. NO_x (coal-fired) – 0.38 kg/MWh net</p> <p>B. SO₂ – 0.55 kg/MWh net</p> <p>C. NO_x (gas-fired) – “A” factor = 0.07 kg/MWh net and “B” factor = 0.008 kg/GJ</p> <p>Non-Peaking Standard Formula: NO_x (kg/h) = [Net Power Output (MW net) x A] + [Heat Output (GJ/h) x B]</p>	S
8	<p>The initiative on Credit for Early Action on Mercury Capture be implemented as follows:</p> <ul style="list-style-type: none"> – The Credit for Early Action on Mercury initiative will enable operators to gain recognition for past and upcoming Mercury capture before the regulation deadline. – Operators will earn credits for kilograms of Mercury captured (as a result of Mercury control activity demonstration, early installation of Mercury control equipment and other combustion process modifications). – Credits can only be used on a site-basis (no trading) and only when plants experience upset conditions impacting their ability to achieve target removal requirements. – The credits for early action recognition cannot be used to delay installation of Mercury control equipment. – January 1, 2011 is the compliance date. Companies will earn credits for Mercury capture rates greater than 75% before January 1, 2011. – Between January 1, 2011 and January 1, 2013, companies will earn credits for Mercury capture rates greater than 80%. – All credits will be earned at a discount value of 50%. – All credits will expire on December 31, 2015. 	S
9	Non-consensus – not for consideration by PMC	Does not meet selection criteria
10	The working group formed to develop terms of reference and timelines for the next five-year review build in a pre-consultation phase, which would involve focused public outreach about CASA as well as the Electricity Framework and progress in its implementation.	O

11	CASA maintain a website that is updated twice a year with information about the Framework and its implementation.	A
<i>Clean Air Strategy Project Team*</i>		
1	The Clean Air Strategy is founded on the aspirations of Albertans for clean air, and is guided by beliefs, values and principles that reflect a commitment to long-term sustainability.	O
2	Bodies accountable for developing policies that may affect air quality are clearly identified, mechanisms are in place to set priorities and integrate policies across departments and agencies whose decisions affect air quality, and the impacts of policy decisions on air quality are taken into account by decision makers.	O
3	Alberta's governance system supports integrated regional and sub-regional (e.g., airshed basis) planning as a means of setting and achieving outcomes for air quality.	O
4	Alberta's governance system ensures effective and efficient decision making within the Air Quality Management System.	O
5	Air quality management plans that effectively address current and emerging air quality issues are in place for each of Alberta's seven land-use regions.	O
6	Municipal planning and design incorporates sound air quality management principles.	O
7	Provincial government legislation, regulation and policy promote and support pollution prevention and control measures across all sectors and activities that produce air emissions.	O
8	Alberta leads in the research, development and adoption of clean, efficient technologies that prevent and control pollution.	O
9	Specific strategies are in place, with consideration of leading practices in other jurisdictions, to prevent air pollution from all major sources and simultaneously produce other environmental, social and economic benefits.	O
10	Alberta has a reliable, comprehensive and objective base of knowledge and information on emissions, ambient air quality, health and environmental impacts, and potential management and mitigation mechanisms.	O
11	Timely information on air quality and its management is generated and is easily accessible to all Albertans.	O
12	Albertans understand their impacts on air quality, know what they can do to protect and improve it, and are motivated to make the necessary behavioral changes.	O
13	Albertans are informed of the impacts that air quality can have on them.	O
14	Alberta has a comprehensive Air Research Strategy that is supported by a robust research infrastructure.	O
<i>Enhanced Collaboration with the Water Council Committee</i>		
1	CASA and AWC staff continue to look for collaborative opportunities to achieve efficiencies in their respective business	O

	functions and aspects of day-to-day operations.	
2	By December 31, 2009, staff establish links to one another's websites.	A
3	AWC and CASA staff, in consultation with their respective boards as appropriate, develop and organize joint events such as symposiums, workshops and staff meetings. These events should strive to find new strategic linkages between air and water, identify cumulative effects, and seek other areas of collaboration.	A/O
4	CASA and the AWC attempt to schedule one board meeting per year close to one another in time and location to encourage informal interaction of boards and staff (e.g., at a joint lunch or evening event).	A
5	The CASA and AWC boards of directors receive an annual update on both collaboration activities and substantive work of the other organization.	A
6	CASA invite AWC staff along with board and project team members to participate in the coordination workshops.	A
7	CASA and the AWC develop a description of their benefits as multi-stakeholder organizations and how they add value to Alberta.	A
8	CASA and the AWC, in consultation with the Land-use Secretariat, hold discussions on a role for each organization in the implementation of the Land-use Framework, including regional planning and cumulative effects management.	A

*NB: All the recommendations from the Clean Air Strategy Project Team were recommendations that the elements described be included in the renewed Clean Air Strategy, which was released in October 2012. The CASA Board received an update from AESRD in December 2012 and AESRD shared that all the recommendations had been incorporated.

3) Next Steps

The Committee reviewed their workplan to prepare the 2013 PMC Annual Report. At the next meeting, Celeste will share the results of the performance measures and indicators with the PMC. At this time, the Committee will also review the low-rated recommendations matrix and prepare their recommendations to the Board. The Committee will also review any adjustments that need to be made to the Performance Measurement Strategy. This content will form the 2013 PMC Annual Report which will be presented to the Board in March 2014. The PMC will need to prepare the report one month in advance of the Board meeting.

Martina provided an update on timelines for data that is being collected by AESRD. The data that AESRD is responsible for collecting is outline in Appendix 2 of the Performance Measurement Strategy. It is expected that all the data will be available end of December 2013/beginning of January 2014 with one exception. For the indicator "Annual total emissions from power generation for NO_x, SO_x, PM_{2.5}, and mercury", the data on mercury is supplied to ESRD by Environment Canada. The 2012 data is not yet approved for release. The PMC discussed that if this data is not available for the next meeting, as per usual procedure, the data that is available will be included in the report.

Action Item 64.2: Martina will forward data being collected by AESRD to Celeste.

At this time, the PMC identified three items which should be added for discussion re: adjustments to the Performance Measurement Strategy:

- Including an overview of how the procedure for evaluating recommendation was developed (see update under Item 1 of today's agenda)
- ERCB is now the Alberta Energy Regulator (AER)
 - Referenced in Appendix 2
- Performance Indicator – “Geographic percentage of province covered by airshed zones”
 - Under the new AQMS, the entire province has been divided into airshed zones. However, not all areas of the province are represented by an airshed zone organization.

4) Meeting Wrap-up

The PMC reviewed the action items from today's meeting.

Action Item 64.3: Celeste will poll for dates for a full day meeting in mid-January 2014.

The meeting adjourned at 2:15pm.