

Draft minutes

Canadian Flaring and Venting Regulators Forum

Meeting

Date: Wednesday April 23, 2014

**Time: 0900 PDT; 1000 MDT; 1100 CDT; 1200 EDT; 1300 ADT; 1330 NFLD –
Approx. 1 hour.**

Place: Teleconference

In Attendance:

Name	Group
Mike Layer	NRCAN CanmetENERGY
Kevin Parsonage	BC Oil and Gas Commission
Randy Dobko	Alberta Environment and Sustainable Resource Development
Carl Makrides	CNSOPB
Ehsan Belghiszadeh	CNSOPB
Todd Paget	GNWT
James Diamond	Environment Canada
Jim Kuper	Environment Canada
Keith Lowden	Manitoba Innovation, Energy and Mines
Leonardo Leonen	Manitoba Innovation, Energy and Mines
Jeff O'Keefe	CNLOPB
Christy Wickenheiser	National Energy Board
Lindsay Jackiw	Saskatchewan Ministry of the Economy
James Vaughan	Alberta Energy Regulator
Jim Spangelo	Alberta Energy Regulator

New Action Items

	Who	Due
14-04-A: James to coordinate with Randy and Mike regarding arranging CFVRF's next face to face meeting in Edmonton/Devon on June 12-13, 2014.	James	ASAP
14-04-B: James will give an update of the CFVRF to the CAMPUS Energy Resources Committee meeting in Halifax on May 4, 2014.	James	May 4, 2014
14-04-C: James to get information on hotels close to Devon/Edmonton for the June meeting.	James	ASAP

1) Administration

-The meeting convened at approximately 0900 PT; 1000 MT; 1100 CT; 1200 ET; 1300 AT and 1330 NT.

- A round of introductions was conducted.

Previous/Ongoing Action Items:

	Who	Due
13-06-A: Share letter from CAPP regarding flare and vent definitions.	James	Done
13-06-B: James to coordinate a teleconference meeting with Randy (ESRD) and Mike (NRCan) regarding our next face to face meeting in October in Devon/Edmonton/Ft. McMurray.	James	Done
12-06-C: James Vaughan will be asking each Canadian Jurisdiction for 2012 flare and venting values. He will coordinate with Clearstone Study first.	James	Carry Over
10-06-F: Ask NACE for permission to post presentation on CFVRF website	James	Carry Over
10-06-G: Work on Fuel, Purge, Blanket etc. gas definitions	Paul, Jim S. Kevin	Ongoing

2) Next face to face meeting

- The team was in agreement that the next face to face meeting should take place in Edmonton/Devon, Alberta on Thursday June 12th and Friday June 13, 2014.
- It was mentioned to the team that these dates coincide with the Global Petroleum Show being held in Calgary on June 10-12. <http://globalpetroleumshow.com>
- The theme of the meeting will be flaring and venting during unconventional operations.
- Suggested agenda items are:
 - o Discuss interests/viewpoints/experiences of the different jurisdictions on unconventional resource development.
 - Hydraulic Fracturing
 - o Fugitive emissions – how different jurisdictions handle them.
 - o Roger Fernandez from the US EPA discussion on regulatory development in the US and US Subpart W.
 - o Emissions from flaring and venting from hydraulic fracturing operations – dealing with stakeholders and balancing the misinformation.
 - o Request from CNSOPB for a discussion regarding sour gas operations.
 - 10-15 minute presentation.
 - Concerns of sour gas operations and acid gas injection in the Deep Panuke project.
 - o Electrical generation from waste gas.
 - Manitoba has a 200 kW project.
 - Appetite for a discussion around other electrical generation projects in other jurisdictions.
 - o Presentation on collecting and trucking compressed natural gas from well sites where conservation by pipeline is not available.

- Suggestion that Dave Picard from Clearstone Engineering present on the micro condensation unit used in Mexico to knockout liquids in the flare stream.

4) Updates from the member jurisdictions

- **Alberta Energy Regulator**
 - Big reorganization since June 2013. The AER is a brand new organization, not a rebranding of the old ERCB.
 - The flaring and venting team was disbanded – reporting to different groups. (We still work with each other just not in a single team).
 - Still a lot of unknowns about strategic direction, etc.
- **BC Oil and Gas Commission**
 - LNG projects are consuming a lot of time.
 - There are a lot of proposals for LNG projects – not sure how many will see fruition.
 - Significant increase in solution gas flaring.
- **Saskatchewan**
 - Implemented a levy to industry on April 1, 2014.
 - Used to be fees based on license applications, etc.
 - Looking at the proliferation of single well batteries in SE Sk.
 - Looking at increasing setbacks
 - Looking at improving notifications
 - CAPP is recommending the adoption of AER Directive 056 for licensing applications.
 - Told by the Minister to put together and implement administrative penalties for non-compliances.
 - Sk. S10 – Flaring regulations – challenges for gas conservation due to lack of conservation infrastructure.
- **Manitoba**
 - January 1st, 2014 – Companies now required to submit more battery information.
 - A new royalty structure has been implemented in Manitoba.
 - A solution gas initiative has been implemented where royalties are not charged on conserved solution gas.
 - Petroleum Branch is struggling with staffing challenges due to budgetary constraints.
- **Northwest Territories**
 - Pursuing the promotion of best practices for flaring and venting.
 - Interested in learning more about flow testing requirements.

- **National Energy Board**
 - o April 1st, 2014 – Devolution of some regulatory powers to the GNWT.
 - o Still regulate offshore.
 - o CAGOA is changing
 - More transparency
 - Monetary penalties
 - Fracfocus uploads for GNWT.
 - Imperial Oil has applied for an exploratory well in the Beaufort Sea.
- **CNSOPB**
 - o 2 TCF produced to date.
 - o 18 wells – some are cycling
 - o EnCana Deep Panuke – producing 300 MMCF/day
 - Deep Panuke has an acid gas disposal well.
 - 13 year lifespan.
 - o Shell and BP have acquired licenses for offshore NS.
- **CNLOPB**
 - o Flaring volumes are the same as last year.
 - More upsets as infrastructure gets older.
 - Flaring 2-4% of total gas production.
 - o Two new platforms being constructed.
 - In operation in 2017.
 - o StatOil made a major discovery.
 - o Significant discovery of gas and the operator is looking at LNG to Europe.
 - o St. John's is booming.
 - o 30% growth over the next year.
- **Environment Canada**
 - o AQMS –Some announcements are forthcoming.
 - o VOC's work – potential requirements for GHG's.
- **CanmetENERGY/NRCan**
 - o Representing Canada in the Climate and Clean Air Coalition (CCAC) under the UN Environmental Program.
 - Looking at Black carbon/Methane and HFC's
 - Canada is one of 6 founding members.
 - US is very engaged in CCAC
 - www.unep.org/ccac

5) Other Business

- James will look for hotel information near Edmonton/Devon for the face to face meeting. (Devon is located very close to Edmonton International Airport).

Meeting was adjourned at approximately 1015 PT; 1115 MT; 1215 CT; 1315 ET; 1415 AT and 1445 NT.