

Cochrane, Marlene EMPR:EX

From: Cochrane, Marlene EMPR:EX
Sent: Thursday, January 24, 2019 11:39 AM
To: Coley, Simon J EMPR:EX
Cc: McCann, Meghan EMPR:EX; Restall, Analise EMPR:EX; Fitzpatrick, Brigitte EMPR:EX
Subject: MSF/MMM Woodfibre Meeting - Jan 29th PVO

Hi Simon. MIRR'S MO had already invited our MO to this meeting. It is Jan 29 at 9:15 at the VCO. Our MO told MIRR that our Minister will not be able to attend. Melissa and Dave are attending. Let me know if you should also attend. Thank you.

Marlene Cochrane
Executive Coordinator | Deputy Minister's Office
Ministry of Energy, Mines and Petroleum Resources
Victoria | British Columbia
Phone (778) 698 7254

From: Coley, Simon J EMPR:EX
Sent: Thursday, January 24, 2019 10:37 AM
To: Puggioni, Giovanni IRR:EX <Giovanni.Puggioni@gov.bc.ca>; Restall, Analise EMPR:EX <Analise.Restall@gov.bc.ca>; Cochrane, Marlene EMPR:EX <Marlene.Cochrane@gov.bc.ca>
Cc: Humber, Emmy EMPR:EX <Emmy.Humber@gov.bc.ca>; Manahan, Suzanne EMPR:EX <Suzanne.Manahan@gov.bc.ca>; Nash, Laurel IRR:EX <Laurel.Nash@gov.bc.ca>; McCann, Meghan EMPR:EX <Meghan.McCann@gov.bc.ca>; Fitzpatrick, Brigitte EMPR:EX <Brigitte.Fitzpatrick@gov.bc.ca>
Subject: RE: MSF/MMM Woodfibre Meeting - Jan 29th PVO

s.12,s.17

Analise, can you please send Gio the last BN on Woodfibre that was used for the Premier's briefing?

Marlene, can you please connect with the MO and ask if they're planning on attending this meeting? I can attend if desired (as I'll be in Vancouver for Round Up).

Thanks,

Simon Coley
Assistant Deputy Minister
Strategic and Indigenous Affairs Division / Ministry of Energy, Mines and Petroleum Resources
Office: 778-698-7176 / Cell: 250-507-6585 / Fax: 250-952-0269

From: Puggioni, Giovanni IRR:EX
Sent: January 24, 2019 7:42 AM
To: Coley, Simon J EMPR:EX <Simon.Coley@gov.bc.ca>; Humber, Emmy EMPR:EX <Emmy.Humber@gov.bc.ca>; Manahan, Suzanne EMPR:EX <Suzanne.Manahan@gov.bc.ca>
Subject: RE: MSF/MMM Woodfibre Meeting - Jan 29th PVO

Hi Simon and Emmy, I have pasted below the meeting request form that was generated by our MO..that's the only context I have for the meeting request...Our Minister knows about the project in very general terms but Laurel may want to set up a pre-brief so that MSF and our MA are up to speed and feel well prepared for the discussion.

Do you want me to call up David or Byng at Woodfibre to check on what they plan to raise as topics ...or did you want to lead that piece?

Please advise.

Thank you.

Ciao

Gio

Meeting Date/Time	Tuesday, January 29, 9:15 – 10:00 AM
Meeting Location:	Vancouver Cabinet Office, 7th floor, 999 Canada Place - Vancouver
Pre-Brief Date/Time:	TBC
Pre-Brief Location:	TBC
Minister(s):	1. Minister Scott Fraser 2. TBC Minister Michelle Mungall (EMPR)
First Nation(s)/Organization(s):	Woodfibre LNG Ltd.
First Nation(s)/Organization(s) Attendees:	1. David Keane, President
Subject:	Update on Woodfibre LNG Ltd's project in Squamish and the status of their IBA.
MIRR Staff Attendees:	
Staff Attendees from Other Ministries:	1. Melissa Sandersen, Senior MA (EMPR)
Meeting Materials Cliff/E-Approval #	Cliff 46819/3903
Meeting Materials Due to MO:	Monday, January 28, 12:00 PM
Background:	MIRR MO is awaiting further information on meeting topics.

Giovanni Puggioni
Executive Director
Major Projects and Cross Government Initiatives
Strategic Partnerships and Initiatives Division
Ministry of Indigenous Relations and Reconciliation
PO Box 9100 Stn Prov Govt
Victoria, BC V8W 9B1
Phone: (778) 974-2143
Fax: (250) 952-0111
Email: Giovanni.Puggioni@gov.bc.ca

From: Coley, Simon J EMPR:EX
Sent: January 23, 2019 10:33 PM
To: Balcaen, Trish L IRR:EX <Trish.Balcaen@gov.bc.ca>; Nash, Laurel IRR:EX <Laurel.Nash@gov.bc.ca>; Puggioni, Giovanni IRR:EX <Giovanni.Puggioni@gov.bc.ca>
Cc: Humber, Emmy EMPR:EX <Emmy.Humber@gov.bc.ca>
Subject: RE: MSF/MMM Woodfibre Meeting - Jan 29th PVO

I don't know what this meeting on Tuesday is supposed to be about. I'll ask Dave and see if he thinks there's a need for any other material. I think the last two BNs should be sufficient. Will keep you posted.

Thanks for raising this Gio.

Cheers,

Simon Coley
Assistant Deputy Minister
Strategic and Indigenous Affairs Division / Ministry of Energy, Mines and Petroleum Resources
Office: 778-698-7176 / Cell: 250-507-6585 / Fax: 250-952-0269

From: Balcaen, Trish L IRR:EX
Sent: January 23, 2019 6:41 PM
To: Nash, Laurel IRR:EX <Laurel.Nash@gov.bc.ca>; Puggioni, Giovanni IRR:EX <Giovanni.Puggioni@gov.bc.ca>
Cc: Humber, Emmy EMPR:EX <Emmy.Humber@gov.bc.ca>; Coley, Simon J EMPR:EX <Simon.Coley@gov.bc.ca>
Subject: RE: MSF/MMM Woodfibre Meeting - Jan 29th PVO

Thanks all

On material prep – assume EMPR will take lead with support from your shop Laurel

Gio – if you need me to attend the meeting I'm happy to do so

From: Nash, Laurel IRR:EX
Sent: January 23, 2019 2:32 PM
To: Puggioni, Giovanni IRR:EX <Giovanni.Puggioni@gov.bc.ca>
Cc: Humber, Emmy EMPR:EX <Emmy.Humber@gov.bc.ca>; Coley, Simon J EMPR:EX <Simon.Coley@gov.bc.ca>; Balcaen, Trish L IRR:EX <Trish.Balcaen@gov.bc.ca>
Subject: Re: MSF/MMM Woodfibre Meeting - Jan 29th PVO

Hi this is timely. Yes please coordinate. Jonathan was looking for an update so I expect we will need to do a bit of a prebrief for MSF.

Thanks

Laurel Nash
Assistant Deputy Minister
Strategic Initiatives and Partnerships Division
Ministry of Indigenous Relations and Reconciliation
250 953 4004
250 508 1670
Sent from my iPhone

On Jan 23, 2019, at 2:17 PM, Puggioni, Giovanni IRR:EX <Giovanni.Puggioni@gov.bc.ca> wrote:

Hi,

I just was notified by our DMO that there is a meeting planned for Tuesday morning in Vancouver with our two Minister(s) and reps from Woodfibre LNG. Just wondering if you folks have rec'd that request and who is running lead on prep of materials etc for that meeting?

I will be over in Vancouver for Roundup anyways, so can support MSF in person at the meeting – Trish will you be there as well and interested in attending? I also could contact the company for proposed topics they will raise – but am not sure if you have done that – and don't want to duplicate efforts.

Please advise...

Ciao

Gio

Giovanni Puggioni
Executive Director
Major Projects and Cross Government Initiatives
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Cochrane, Marlene EMPR:EX

From: Cochrane, Marlene EMPR:EX
Sent: Thursday, January 24, 2019 9:57 AM
To: Duncan, Kate EMPR:EX
Cc: Sanderson, Melissa EMPR:EX
Subject: Jan 29 Meeting
Attachments: 105922 Woodfibre M Jan 18.docx

Hi Kate. Dave would like this Premier's BN sent to Minister Fraser's office for information only, for the Woodfibre meeting on Jan 29. Dave and Melissa are attending. Thank you.

Marlene Cochrane
Executive Coordinator | Deputy Minister's Office
Ministry of Energy, Mines and Petroleum Resources
Victoria | British Columbia
Phone (778) 698 7254

MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES

BRIEFING NOTE FOR INFORMATION

I PREPARED FOR: Honourable John Horgan, Premier of British Columbia

II ISSUE: Meeting with Ratnesh Bedi, President of Pacific Oil and Gas and
David Keane, President of Woodfibre LNG

III BACKGROUND:

Woodfibre LNG (Woodfibre) is proposing a 2.1 million tonnes per annum facility on privately owned land in Howe Sound that will utilize electrically driven liquefied natural gas (LNG) trains.

The Project is owned and operated by Woodfibre LNG Limited, a privately held Canadian company headquartered in Vancouver. The company is a subsidiary of Pacific Oil and Gas Limited, which is part of the Singapore-based Royal Golden Eagle group of companies.

In November 2016, Woodfibre announced the project received board approval to proceed. Woodfibre has communicated its intentions to issue a Notice to Proceed (Final Investment Decision) and commence constructions late Q1 early Q2, 2019.

Woodfibre LNG will create an estimated 650 direct jobs during the construction phase and up to 100 full time jobs during full-capacity operations. Additional employment opportunities will be created in the construction period for the FortisBC Eagle Mountain pipeline that will be servicing the facility.

s.17

Woodfibre has achieved significant milestones in working towards a Notice to Proceed:

- Received environmental approvals from the BC Environmental Assessment Office, Canadian Environmental Assessment Agency, and a Squamish Nation Environmental Assessment Agreement;
- Fully permitted on major Federal permits, permit plan in place for the issuance of supporting provincial and federal permits;
- s.17,s.21
- s.17
- s.16,s.21

- s.13

Woodfibre intends to use clean energy from the BC Hydro grid for compression resulting in a LNG project with the lowest global emissions profile. s.13
s.13

s.16,s.21

IV DISCUSSION:

s.16

s.16,s.17,s.21

s.16,s.21

V CONCLUSION:

Woodfibre LNG is set to play an integral role in BC's energy system, and would represent one of the single largest private sector investments in the greater Vancouver area. The Ministry of Energy, Mines and Petroleum Resources will continue to work closely with Woodfibre LNG and their parent company Royal Golden Eagle as the project moves into the construction phase.

Appendix: Appendix A - Project Profile

DRAFTED BY:

Mark Urwin
Director, OGD

APPROVED BY:

Geoff Turner, ED OGD✓
Garth Thoroughgood, A/ADM OGD✓
Simon Coley, ADM, SIAD✓
Dave Nikolejsin, DM✓

LNG Project Fact Sheet

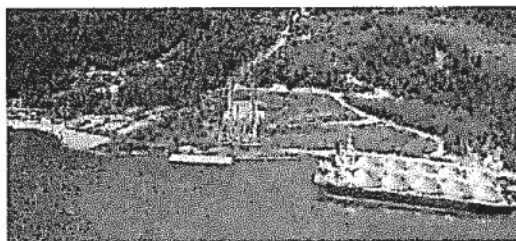
WOODFIBRE LNG

December 2018

Recent Announcements

- Sep 2018** Announced that a Heads of Agreement (HoA) had been signed with CNOOC Gas and Power Trading & Marketing Limited, a wholly-owned subsidiary of CNOOC concerning the potential offtake of 0.75 million tonnes per annum for 13 years starting in 2023.
- Aug 2018** David Keane, formerly the head of the BC LNG Alliance was announced as President of Woodfibre LNG.
- Aug 2018** Announced that SUKWIT Contracting Limited Partnership was selected as the contractor for the Woodfibre LNG site cleanup. Under the contract the company will be removing old pulp mill structures and infrastructure along the foreshore of the old pulp mill site.

Facility Concept



Major Permits and Authorizations

Export License:	40-year license issued June 2017.
Provincial Environmental Assessment Status:	EAC issued October, 2015.
Federal Environmental Assessment Status:	EADS issued March, 2016.
LNG Facility Permit:	Pre-Application

Summary Table

Shareholders:	Pacific Oil & Gas (100%)
Facility Type:	Liquefied Natural Gas Facility and Marine Terminal
Location:	Squamish—Former Woodfibre pulp mill site
Output Capacity	Total: 2.1 MTPA
Feedstock Pipeline:	Eagle Mountain—Woodfibre Gas Pipeline
LNG Buyers:	HoA's signed with Guangzhou Gas (1 MTPA) and CNOOC (0.75 MTPA)
Pre-FEED Contractor:	KBR Inc.
FEED Contractor:	KBR, Inc. and JGC America, Inc.
EPC Contractor:	KBR Inc. (contract yet to be signed)
Capital Expenditure (est.):	\$1.6 billion
Operating Expenditure (est.):	\$542 million / year
Construction Jobs (est.):	650
Operations Jobs (est.):	100

Contact: Oil and Gas Division