

## EMPR FOI EMPR:EX

---

**From:** Restall, Analise EMPR:EX  
**Sent:** November 8, 2017 10:43 AM  
**To:** Manahan, Suzanne EMPR:EX  
**Cc:** Wray, Jennifer AEST:EX  
**Subject:** FW: Woodfibre LNG  
**Attachments:** woodfibre lng20171107.pdf

BN request for Minister's upcoming meeting with Ratnesh Bedi. Marlene will confirm tomorrow if you will attend with Dave. I've sent this over to Mark in e-approvals to draft.

---

**From:** Cochrane, Marlene EMPR:EX  
**Sent:** Wednesday, November 8, 2017 10:05 AM  
**To:** Restall, Analise MNGD:EX  
**Subject:** Woodfibre LNG

Hi Analise. FYI only – background emails are attached. Thanks.

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

---

**From:** Hansen, Lucy EMPR:EX  
**Sent:** Tuesday, November 7, 2017 4:22 PM  
**To:** Cochrane, Marlene EMPR:EX  
**Subject:** Pre Briefing Meeting - Woodfibre LNG

Good Afternoon Marlene,

So I have a meeting request for Woodfibre LNG

Nov 23  
Minister's office  
Pre-Brief: 11:15-11:30  
Staff/Minister: Yes  
Meeting: 11:30-12:00

Please see requests attached and previous requests.



*Lucy Hansen*

Administrative Coordinator to the

**Honourable Michelle Mungall**

Minister of Energy, Mines and Petroleum Resources

Direct: 250-387-2201

Office: 250-953-0900

E-mail: [Lucy.Hansen@gov.bc.ca](mailto:Lucy.Hansen@gov.bc.ca)

**From:** LHANSEN [<mailto:Lucy.Hansen@gov.bc.ca>]

**Sent:** Tuesday, November 7, 2017 4:16 PM

**To:** Hansen, Lucy EMPR:EX

**Subject:** Scan From <Device Name>

**Hansen, Lucy EMPR:EX**

---

**From:** Sanderson, Melissa EMPR:EX  
**Sent:** Wednesday, November 1, 2017 10:40 AM  
**To:** Hansen, Lucy EMPR:EX  
**Subject:** Fwd: Woodfibre Potential Meeting Dates

Can you make this happen? I spoke w MMM about it.

Sent from my iPhone

Begin forwarded message:

**From:** Moe <[REDACTED]>  
**Date:** November 1, 2017 at 10:36:15 AM PDT  
**To:** [Melissa.Sanderson@gov.bc.ca](mailto:Melissa.Sanderson@gov.bc.ca)  
**Subject:** Woodfibre Potential Meeting Dates

Hi Melissa,

Thanks for taking the time to discuss LNG issues with me yesterday.

I did canvass some dates with Woodfibre for a meeting with the Minister. The International CEO is in town Nov.23 and 24. If those dates are unavailable, the B.C. President is prepared to meet in Victoria or Vancouver this month at any time.

Talk soon.

Moe

Sent from my iPhone



## Hansen, Lucy EMPR:EX

---

**From:** Marian Ngo <Marian\_Ngo@wlng.ca>  
**Sent:** Friday, October 27, 2017 9:15 PM  
**To:** Sanderson, Melissa EMPR:EX  
**Cc:** McNish, James EMPR:EX; Hansen, Lucy EMPR:EX  
**Subject:** Re: Briefing request

Thanks, Melissa. Have a great weekend as well, everyone!

Sent with Good Work ([www.good.com](http://www.good.com))

On Oct 27, 2017 8:03 PM, "Sanderson, Melissa EMPR:EX" <[Melissa.Sanderson@gov.bc.ca](mailto:Melissa.Sanderson@gov.bc.ca)> wrote:  
Hi Marian,

Thanks for your email.

We would appreciate the opportunity for a meeting and briefing. I have copied our Administrative Coordinator on this email so she can see what time would work best and coordinate with our Deputy Ministers office.

We will touch base about this soon. Have a great weekend!

Sent from my iPhone

On Oct 26, 2017, at 11:23 AM, Marian Ngo <[Marian\\_Ngo@wlng.ca](mailto:Marian_Ngo@wlng.ca)<[mailto:Marian\\_Ngo@wlng.ca](mailto:Marian_Ngo@wlng.ca)>> wrote:

Good afternoon Melissa and James,

I hope you are well.

We are updating our modelling and prepping some ongoing presentations with regulators and NRCAN etc. and I thought I'd reach out. I recall the Minister asking for some information about what we are working on during UBCM and there is definitely lots going on. Would it be possible to request some time for our VP Corporate Affairs & Country Manager, Byng Giraud and I to provide the Minister with a project update? She would be familiar with the general industry matters, but we are working on some items that would be unique to our Project, which wouldn't necessarily be the same with other proponents such as Shell. We are flexible for November and can meet wherever at the Minister's convenience.

Please let me know if you have any questions.

Best regards,

Marian

Marian Ngo  
Senior Manager of Communications and External Relations  
Woodfibre LNG  
#1020-1075 West Georgia St. Vancouver, BC, Canada V6E 3C9  
Tel: +1 604-620-7883 | Fax: +1 604-620-8860  
Email: [marian\\_ngo@wlng.ca](mailto:marian_ngo@wlng.ca)<[mailto:marian\\_ngo@woodfibrengl.com](mailto:marian_ngo@woodfibrengl.com)>  
Website: <http://www.woodfibrelng.ca><<http://www.woodfibrenglproject.com/>>

The above message is for the intended recipient only and may contain confidential information and/or may be subject to legal privilege. If you are not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this message, or any attachment, is strictly prohibited. If it has reached you in error please inform us immediately by reply e-mail or telephone, reversing the charge if necessary. Please delete the message and the reply (if it contains the original message) thereafter. Thank you.

The above message is for the intended recipient only and may contain confidential information and/or may be subject to legal privilege. If you are not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this message, or any attachment, is strictly prohibited. If it has reached you in error please inform us immediately by reply e-mail or telephone, reversing the charge if necessary. Please delete the message and the reply (if it contains the original message) thereafter. Thank you.

Meeting to be scheduled.

odd, Melissa L MNGD:EX

---

**From:** Winstanley, Lori PREM:EX  
**Sent:** Thursday, July 27, 2017 12:13 PM  
**To:** Byng Giraud  
**Cc:** Nikolejsin, Dave MNGD:EX; Todd, Melissa L MNGD:EX; Schmidt, Maria E MEM:EX  
**Subject:** RE: Meeting request Woodfibre LNG

Thank you Byng, I have copies our scheduling staff as well and will most definitely be in touch about a meeting.

---

**From:** Byng Giraud [[mailto:byng\\_giraud@wlng.ca](mailto:byng_giraud@wlng.ca)]  
**Sent:** Thursday, July 27, 2017 9:09 AM  
**To:** Winstanley, Lori PREM:EX  
**Cc:** Nikolejsin, Dave MNGD:EX  
**Subject:** Meeting request Woodfibre LNG

Dear Ms. Winstanley,

Firstly thank you for arranging a call with the Minister the other day. I very much appreciate it.

Further to that call, I would like to request an opportunity to meet with the Minister sometime in the near future. I realize its mid-summer and the Minister has many pressing matters to attend to.

I was hoping perhaps she might have some time to meeting later in August. I could provide a full update on our project and answer any questions she may have.

Thank you in advance for your consideration. Or if there is someone else in your office I should direct this to, please let me know.

I can be reached via this email or via text/cellular 778-233-6449.

Byng

**Byng Giraud**  
Country Manager, Canada & Vice President, Corporate Affairs



#1020 - 1075 W. Georgia St. Vancouver, BC, Canada V6E 3C9  
Tel: +1 604.620.7883 | Fax: +1 604.620.8860  
[byng\\_giraud@wlng.ca](mailto:byng_giraud@wlng.ca) | [woodfibrelng.ca](http://woodfibrelng.ca)

Got a question about our project?  
[ASKWOODFIBRELNG.CA](http://ASKWOODFIBRELNG.CA)

The above message is for the intended recipient only and may contain confidential information and/or may be subject to legal privilege. If you are not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this message, or any attachment, is strictly prohibited. If it has reached you in error please inform us immediately by reply e-mail or telephone, reversing the charge if necessary. Please delete the message and the reply (if it contains the original message) thereafter. Thank you.



## EMPR FOI EMPR:EX

---

**From:** Restall, Analise EMPR:EX  
**Sent:** November 17, 2017 1:43 PM  
**To:** Manahan, Suzanne EMPR:EX  
**Cc:** Wray, Jennifer AEST:EX  
**Subject:** BN 102645 - Minister's Meeting with Woodfibre LNG  
**Attachments:** BN 102645 - Minister's Meeting with Woodfibre LNG.docx

Hi Suzanne,

See Dave's comments below.

Date Approved	Title
11/17/2017 1:01 PM	Sorry I keep sending this back! The first concern I has is addressed - thanks s.21
11/17/2017 12:52 PM	s.21 add that intro please? can we find out about

Analise

**MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES**

**BRIEFING NOTE FOR INFORMATION**

**I PREPARED FOR:** Honourable Michelle Mungall, Minister of Energy, Mines and Petroleum Resources

**II ISSUE:** Meeting with Ratnesh Bedi, President of Pacific Oil and Gas, and Byng Giraud, Country Manager and Vice President Corporate Affairs, Woodfibre LNG Limited, regarding the Woodfibre LNG project

**III BACKGROUND:**

Woodfibre LNG is proposing a 2.1 million tonnes per annum facility that will utilize electrically driven liquefied natural gas (LNG) trains situated on privately-owned land near Squamish, BC. In November 2016, Woodfibre LNG announced its project received board approval to proceed.

The Woodfibre LNG Project is owned and operated by Woodfibre LNG Limited, a privately held Canadian company based 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.

Woodfibre LNG announced on March 30, 2017 that it had awarded a pre-construction contract to MATCON Environmental Ltd., a Squamish First Nation owned company. It is anticipated that this work will be completed by the end of 2017.

In October 2017, Woodfibre LNG announced it was delaying the start of construction until 2018 and that the dual front-end engineering and design (FEED) process by KBR Inc. and JGC Corporation was complete, and moving to the next stage of engineering, procurement and construction (EPC) with Houston-based KBR Inc. A construction decision is expected to come once the EPC contract is complete, with the build taking two to three years.

Woodfibre LNG has recently made a number of public statements about competitiveness issues that the company views as barriers to LNG development. The competitiveness issues include the fabricated industrial steel components (FISC) anti-dumping rulings by Canadian regulators and the rate of electricity for industrial customers as well as the issues that are consistent amongst other proponents.

An Executive Project Team has been established, reporting directly to the Deputy Minister's Office to project-manage the fiscal, regulatory and environmental issues.

Woodfibre LNG has requested a meeting with the Minister to provide a project update and has indicated that the company updated its modelling and presentations to regulators.

#### **IV DISCUSSION:**

In addition to providing a project update, representatives from Woodfibre LNG will likely wish to discuss competitiveness issues with the Minister. The LNG competitiveness review began in early 2017 to examine whether BC had competitiveness issues that were preventing projects from moving forward. One of the six streams of the review is a consultation with projects, such as Woodfibre LNG, through the BC LNG Alliance. Through this stream, the Ministry has been made aware of Woodfibre LNG's concerns.

##### **Import Duties on FISCs and Floating Storage Units**

Recently, Canadian International Trade Tribunal (CITT) and Canadian Border Services Agency (CBSA) have ruled that FISCs from China, Korea and Spain are being dumped into Canada and/or subsidized by foreign governments, thereby causing or threatening to cause injury to Canadian firms. As a result of the ruling, anti-dumping duties in the range of 45 percent could apply for a period of five years.

s.13,s.21

These rulings create additional cost uncertainty for LNG proponents.

##### **Electricity Rates**

BC Hydro and the Ministry are re-engaging with commercial discussions on the Woodfibre LNG project. On February 21, 2017, the Province announced that the Provincial Sales Tax (PST) on electricity will be reduced to 3.5 percent from seven percent, effective October 1, 2017, and fully exempt April 1, 2019.

## **V KEY MESSAGES:**

- The Province understands the LNG industry's competitiveness and is actively engaging with industry, First Nations, communities and the federal government with recommendations due towards the end of the year.
- The Ministry will continue to engage with the federal government to see that rulings related to import duties have a minimum impact on LNG proponents.
- The Province is working with BC Hydro to provide reasonable and predictable long-term energy costs for the LNG industry, while protecting BC Hydro rate payers.

s.13

**DRAFTED BY:**  
Stefan Colantonio,  
Economic Analyst

**APPROVED BY:**  
Suzanne Manahan, A/ADM✓  
Dave Nikolejsin, DM

# LNG Project Fact Sheet

## WOODFIBRE LNG

November 2017

### Recent Announcements

**Oct 12** Woodfibre LNG announced that it now expects construction to commence in 2018 (previously the company had been stating by the end of 2017). The project also announced that the dual front-end engineering process by KBR and JGC was complete and that the project would be moving to the next stage of engineering, procurement and construction (EPC) with Houston-based KBR. A construction decision would come once an EPC deal is in place, with the build expected to take two to three years.

**Jul 12** The British Columbia Environmental Assessment Office granted Woodfibre LNG the approval needed to formally change the cooling technology from seawater to air cooling. The design changes were the result of the Squamish Nation selection of air cooling as the cooling technology for the project as well as ongoing front-end engineering design (FEED) work.

### Facility Concept



### Major Permits and Authorizations

<b>Export License:</b>	25-year license issued Application for 40-year license approved.
<b>Provincial Environmental Assessment Status:</b>	EAC issued October, 2015.
<b>Federal Environmental Assessment Status:</b>	EADS issued March, 2016.
<b>LNG Facility Permit:</b>	Pre-Application

### Summary Table

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

Contact: [LNG Task Force](#)

## Appendix 2: Biography Ratnesh Bedi and Byng Giraud



MR. RATNESH BEDI – *President Pacific Oil and Gas*

Mr. Bedi has been the President of Pacific Oil and Gas (PO&G) since 2011. His key area of focus is PO&G's new venture to develop and construct an LNG liquefaction plant in British Columbia. On behalf of PO&G and the investor, Mr. Bedi manages financing and oversees the ongoing work for the project to ensure that the engineering team and local staff have the necessary support to secure permits, appoint world class EPC contractors, build and commission the facilities while continuing to work and engage with First Nations and the community. Mr. Bedi also leads the oil and gas exploration and exploitation initiatives, growth and operations in the Indonesia's business in this current role.

Prior to his appointment in PO&G, Mr. Bedi was Chief Financial Officer of Asia Pacific Resources International Limited (APRIL), a world-leading pulp and paper manufacturer, from 2007 until 2010.

Mr. Bedi was previously with KPMG Indonesia as Manager of Corporate Recovery and Restructuring Division and Deloitte Advisory as Executive Director in corporate and financial advisory services. Mr. Bedi graduated with a BComm from New Delhi, India and is an associate member of the Institute of Chartered Accountants of India.



MR. BYNG GIRAUD – *Country Manager and Vice President Corporate Affairs, Woodfibre LNG Limited*

Mr. Giraud joined Woodfibre LNG Limited in April 2013 as the company's first North American employee. As Country Manager, Mr. Giraud is the senior representative of the company and responsible for the day-to-day operations of Woodfibre LNG Limited. He is also currently Chairman of Ridley Terminals Inc. a Canadian government owned bulk export terminal in Prince Rupert, BC, a member of the board of the Vimy Ridge Foundation and a member of the Board of Governors of the BC Business Council. Most recently he was asked to sit on the BC Assembly of First Nations-BC Business Council "Champion's Table", a body dedicated to breaking new ground in economic reconciliation.

Mr. Giraud has been involved in innovative efforts at First Nations economic reconciliation, including the first agreements between operating mines and First Nations in BC, and the innovative Squamish Nation Environmental Assessment process.

Prior to joining Woodfibre LNG Limited, Mr. Giraud was in an executive role in Corporate Affairs for a Canadian copper/gold mining company. In the past, Mr. Giraud has served as a Vice President with both the Association for Mineral Exploration BC and the Mining Association of BC. Before that, Mr. Giraud worked with some of Canada's top public affairs agencies. He has also served on the board of directors of Geoscience BC, Canada Place Corporation, Initiatives Prince George, and a number of other organizations.

In 2012, Mr. Giraud received the Queen Elizabeth II Diamond Jubilee Medal for volunteerism.

Mr. Giraud holds a MSc. Econ. from the University of Wales at Aberystwyth and an MBA from the University of Cambridge (Jesus College).

Away from the office, Mr. Giraud volunteers as a Scouts Canada leader. On the weekends, he collects bruises playing old boys rugby.

## EMPR FOI EMPR:EX

---

**From:** Wray, Jennifer AEST:EX  
**Sent:** January 15, 2018 10:18 AM  
**To:** Jang, Monica JTT:EX  
**Cc:** Manahan, Suzanne EMPR:EX  
**Subject:** RE: Woodfibre  
**Attachments:** 102645 - Minister's Meeting with Woodfibre LNG.DOCX

Hi Monica –

Attached is the most recent BN for a Minister's meeting that took place in November. The note includes key messages.

Thanks,

Jennifer Wray

Director, Strategic Projects

Energy, Mines and Petroleum Resources

250 952-0523

---

**From:** Manahan, Suzanne MNGD:EX  
**Sent:** Monday, January 15, 2018 10:05 AM  
**To:** Wray, Jennifer MNGD:EX  
**Subject:** Fw: Woodfibre  
Hi, can you pull some notes from the LAN. thanks

---

**From:** Jang, Monica JTT:EX  
**Sent:** Thursday, January 11, 2018 5:10 PM  
**To:** Manahan, Suzanne MNGD:EX  
**Subject:** Woodfibre

Hi Suzanne,

Fazil asked me to reach out of see if you could provide me a background briefing note and some key messages from past meetings for him.

Thank you in advance,

Monica.

Monica Jang

Director, Executive Operations

Deputy Minister's Office

Ministry of Jobs, Trade and Technology

Phone: 604 660-3346

Mobile: 604 290-7572



**MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES**

**BRIEFING NOTE FOR INFORMATION**

**I PREPARED FOR:** Honourable Michelle Mungall, Minister of Energy, Mines and Petroleum Resources

**II ISSUE:** Meeting with Ratnesh Bedi, President of Pacific Oil and Gas, and Byng Giraud, Country Manager and Vice President Corporate Affairs, Woodfibre LNG Limited, regarding the Woodfibre LNG project

**III BACKGROUND:**

Woodfibre LNG is proposing a 2.1 million tonnes per annum facility that will utilize electrically driven liquefied natural gas (LNG) trains situated on privately-owned land near Squamish, BC. In November 2016, Woodfibre LNG announced its project received board approval to proceed.

The Woodfibre LNG Project is owned and operated by Woodfibre LNG Limited, a privately held Canadian company based 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.

Woodfibre LNG announced on March 30, 2017 that it had awarded a pre-construction contract to MATCON Environmental Ltd., a Squamish First Nation owned company. It is anticipated that this work will be completed by the end of 2017.

In October 2017, Woodfibre LNG announced it was delaying the start of construction until 2018 and that the dual front-end engineering and design (FEED) process by KBR Inc. and JGC Corporation was complete, and moving to the next stage of engineering, procurement and construction (EPC) with Houston-based KBR Inc. A construction decision is expected to come once the EPC contract is complete, with the build taking two to three years.

Woodfibre LNG has recently made a number of public statements about competitiveness issues that the company views as barriers to LNG development. The competitiveness issues include the fabricated industrial steel components (FISC) anti-dumping rulings by Canadian regulators and the rate of electricity for industrial customers as well as the issues that are consistent amongst other proponents.

An Executive Project Team has been established, reporting directly to the Deputy Minister's Office to project-manage the fiscal, regulatory and environmental issues.

Woodfibre LNG has requested a meeting with the Minister to provide a project update and has indicated that the company updated its modelling and presentations to regulators.

#### **IV DISCUSSION:**

In addition to providing a project update, representatives from Woodfibre LNG will likely wish to discuss competitiveness issues with the Minister. The LNG competitiveness review began in early 2017 to examine whether BC had competitiveness issues that were preventing projects from moving forward. One of the six streams of the review is a consultation with projects, such as Woodfibre LNG, through the BC LNG Alliance. Through this stream, the Ministry has been made aware of Woodfibre LNG's concerns.

##### **Import Duties on FISCs and Floating Storage Units**

Recently, Canadian International Trade Tribunal (CITT) and Canadian Border Services Agency (CBSA) have ruled that FISCs from China, Korea and Spain are being dumped into Canada and/or subsidized by foreign governments, thereby causing or threatening to cause injury to Canadian firms. As a result of the ruling, anti-dumping duties in the range of 45 percent could apply for a period of five years.

s.13,s.21

These rulings create additional cost uncertainty for LNG proponents.

##### **Electricity Rates**

BC Hydro and the Ministry are re-engaging with commercial discussions on the Woodfibre LNG project. On February 21, 2017, the Province announced that the Provincial Sales Tax (PST) on electricity will be reduced to 3.5 percent from seven percent, effective October 1, 2017, and fully exempt April 1, 2019.

## **V KEY MESSAGES:**

- The Province understands the LNG industry's competitiveness and is actively engaging with industry, First Nations, communities and the federal government with recommendations due towards the end of the year.
- The Ministry will continue to engage with the federal government to see that rulings related to import duties have a minimum impact on LNG proponents.
- The Province is working with BC Hydro to provide reasonable and predictable long-term energy costs for the LNG industry, while protecting BC Hydro rate payers.

s.13,s.16,s.21

**DRAFTED BY:**  
Stefan Colantonio,  
Economic Analyst

**APPROVED BY:**  
Suzanne Manahan, A/ADM✓  
Dave Nikolejsin, DM✓

# LNG Project Fact Sheet

## WOODFIBRE LNG

November 2017

### Recent Announcements

**Oct 12** Woodfibre LNG announced that it now expects construction to commence in 2018 (previously the company had been stating by the end of 2017). The project also announced that the dual front-end engineering process by KBR and JGC was complete and that the project would be moving to the next stage of engineering, procurement and construction (EPC) with Houston-based KBR. A construction decision would come once an EPC deal is in place, with the build expected to take two to three years.

**Jul 12** The British Columbia Environmental Assessment Office granted Woodfibre LNG the approval needed to formally change the cooling technology from seawater to air cooling. The design changes were the result of the Squamish Nation selection of air cooling as the cooling technology for the project as well as ongoing front-end engineering design (FEED) work.

### Facility Concept



### Major Permits and Authorizations

Export License:	25-year license issued Application for 40-year license approved.
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:	Signed HoA with Guangzhou Gas Group Co., Ltd for 1 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: [LNG Task Force](#)

## Appendix 2: Biography Ratnesh Bedi and Byng Giraud



MR. RATNESH BEDI – *President Pacific Oil and Gas*

Mr. Bedi has been the President of Pacific Oil and Gas (PO&G) since 2011. His key area of focus is PO&G's new venture to develop and construct an LNG liquefaction plant in British Columbia. On behalf of PO&G and the investor, Mr. Bedi manages financing and oversees the ongoing work for the project to ensure that the engineering team and local staff have the necessary support to secure permits, appoint world class EPC contractors, build and commission the facilities while continuing to work and engage with First Nations and the community. Mr. Bedi also leads the oil and gas exploration and exploitation initiatives, growth and operations in the Indonesia's business in this current role.

Prior to his appointment in PO&G, Mr. Bedi was Chief Financial Officer of Asia Pacific Resources International Limited (APRIL), a world-leading pulp and paper manufacturer, from 2007 until 2010.

Mr. Bedi was previously with KPMG Indonesia as Manager of Corporate Recovery and Restructuring Division and Deloitte Advisory as Executive Director in corporate and financial advisory services. Mr. Bedi graduated with a BComm from New Delhi, India and is an associate member of the Institute of Chartered Accountants of India.



MR. BYNG GIRAUD – *Country Manager and Vice President Corporate Affairs, Woodfibre LNG Limited*

Mr. Giraud joined Woodfibre LNG Limited in April 2013 as the company's first North American employee. As Country Manager, Mr. Giraud is the senior representative of the company and responsible for the day-to-day operations of Woodfibre LNG Limited. He is also currently Chairman of Ridley Terminals Inc. a Canadian government owned bulk export terminal in Prince Rupert, BC, a member of the board of the Vimy Ridge Foundation and a member of the Board of Governors of the BC Business Council. Most recently he was asked to sit on the BC Assembly of First Nations-BC Business Council "Champion's Table", a body dedicated to breaking new ground in economic reconciliation.

Mr. Giraud has been involved in innovative efforts at First Nations economic reconciliation, including the first agreements between operating mines and First Nations in BC, and the innovative Squamish Nation Environmental Assessment process.

Prior to joining Woodfibre LNG Limited, Mr. Giraud was in an executive role in Corporate Affairs for a Canadian copper/gold mining company. In the past, Mr. Giraud has served as a Vice President with both the Association for Mineral Exploration BC and the Mining Association of BC. Before that, Mr. Giraud worked with some of Canada's top public affairs agencies. He has also served on the board of directors of Geoscience BC, Canada Place Corporation, Initiatives Prince George, and a number of other organizations.

In 2012, Mr. Giraud received the Queen Elizabeth II Diamond Jubilee Medal for volunteerism.

Mr. Giraud holds a MSc. Econ. from the University of Wales at Aberystwyth and an MBA from the University of Cambridge (Jesus College).

Away from the office, Mr. Giraud volunteers as a Scouts Canada leader. On the weekends, he collects bruises playing old boys rugby.

## EMPR FOI EMPR:EX

---

**From:** Byng Giraud <byng\_giraud@wlng.ca>  
**Sent:** October 15, 2018 1:53 PM  
**To:** Manahan, Suzanne EMPR:EX  
**Cc:** David Keane  
**Subject:** RE: Meeting following Minister meeting

It's a courtesy update and probably some new thoughts on construction schedule, status of offtakes, status of gas purchases. Where would be good to meet?

David anything else?

---

**From:** Manahan, Suzanne EMPR:EX [mailto:Suzanne.Manahan@gov.bc.ca]  
**Sent:** Monday, 15 October, 2018 11:56 AM  
**To:** Byng Giraud  
**Subject:** RE: Meeting following Minister meeting

Lets debrief, what are the topics for minister tomorrow?

---

**From:** Byng Giraud [mailto:byng\_giraud@wlng.ca]  
**Sent:** Monday, October 15, 2018 11:55 AM  
**To:** Manahan, Suzanne EMPR:EX  
**Subject:** RE: Meeting following Minister meeting

I think we should. A pre-brief or a debrief?

---

**From:** Manahan, Suzanne EMPR:EX [mailto:Suzanne.Manahan@gov.bc.ca]  
**Sent:** Monday, 15 October, 2018 11:20 AM  
**To:** Byng Giraud  
**Subject:** RE: Meeting following Minister meeting

Hi, I can meet if that's of value.

Thanks.

---

**From:** McCann, Meghan EMPR:EX  
**Sent:** Monday, October 15, 2018 10:00 AM  
**To:** 'Byng Giraud'; Manahan, Suzanne EMPR:EX  
**Subject:** RE: Meeting following Minister meeting

Good morning Byng,

Unfortunately Dave is in an all-day meeting but hopefully Suzanne can meet. I will leave this with the two of you, thanks.

**Meghan McCann**  
*Senior Executive Assistant to Deputy Minister Dave Nikolejsin*  
*Deputy Minister's Office | Ministry of Energy, Mines, and Petroleum Resources*  
**Direct:** [250 952-0504](tel:250-952-0504)

---

**From:** Byng Giraud <byng\_giraud@wlng.ca>  
**Sent:** Monday, October 15, 2018 9:54 AM  
**To:** Manahan, Suzanne EMPR:EX <Suzanne.Manahan@gov.bc.ca>  
**Cc:** McCann, Meghan EMPR:EX <Meghan.McCann@gov.bc.ca>  
**Subject:** Meeting following Minister meeting

Suzanne

Ratnesh, David and I are to meet the Minister at 1:30 on Tuesday (tomorrow). Would you and Dave Nikolesjin like to meet with us following that briefly? Perhaps to get into more detail?

We are over all day.

All the best

Byng  
Woodfibre LNG Limited

The above message is for the intended recipient only and may contain confidential information and/or may be subject to legal privilege. If you are not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this message, or any attachment, is strictly prohibited. If it has reached you in error please inform us immediately by reply e-mail or telephone, reversing the charge if necessary. Please delete the message and the reply (if it contains the original message) thereafter. Thank you.



**MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES**

**BRIEFING NOTE FOR INFORMATION**

**I PREPARED FOR:** Honourable Michelle Mungall, Minister of Energy, Mines and Petroleum Resources

**II ISSUE:** Meeting with Ratnesh Bedi, President of Pacific Oil and Gas, and Byng Giraud, Country Manager and Vice President Corporate Affairs, Woodfibre LNG Limited, regarding the Woodfibre LNG (WLNG) project

**III BACKGROUND:**

WLNG last met with the Minister in November of 2017 and has requested a meeting with the Minister to provide recent project updates.

WLNG is proposing a 2.1 million tonnes per annum facility that will utilize electrically driven liquefied natural gas (LNG) trains situated on privately-owned land near Squamish, BC. In November 2016, WLNG announced its project received board approval to proceed.

The WLNG 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.

WLNG has received environmental approvals from the BC Environmental Assessment Office (BCEAO), Canadian Environmental Assessment Agency (CEAA) and a Squamish Nation Environmental Assessment Agreement. WLNG has submitted its facilities permit to the BC Oil and Gas Commission in August 2018 with an expected decision in January 2019 and is actively working with both Fortis BC and BC Hydro on project milestones.

On August 8, 2018, the proponent announced that it had awarded a pre-construction contract to Sukwi7 Contracting Ltd., a Squamish First Nation owned company, to complete the decommissioning work of the former pulp and paper site.

WLNG is currently in negotiations with Houston based KBR Inc. for the projects engineering, procurement and construction (EPC) contract. A construction decision is expected to come once the EPC contract is signed, with construction taking two to three years.

On September 30, 2018 WLNG announced it has entered into a Heads of Agreement with China National Offshore Oil Corporation (CNOOC) for offtake. s.17,s.21

s.17,s.21

#### **IV DISCUSSION:**

In addition to providing a project update, representatives from WLNG will likely wish to discuss import duties on floating storage and a recently emerging issues resulting from a BCEAO compliance and enforcement review of the onsite decommissioning work.

##### **Import Duties on Floating Storage Unit**

s.13,s.21

##### **BCEAO Compliance and Enforcement**

On September 25, 2018, the BCEAO and CEAA conducted a site visit to determine if the proponents decommissioning work was “project construction activity” or “ongoing maintenance or upgrade to an existing facility” as defined in the Environmental Assessment Certificate (EAC).

The preliminary determination from the BCEAO was that the clean-up and removal work was project construction and in non-compliance of the proponents EAC as environmental management plans were not submitted for review as required during the construction phase. BCEAO has provided an opportunity for the proponent to respond which the proponent submitted on October 5. WLNG’s position is that:

s.13,s.16

**V KEY MESSAGES:**

- The Ministry will continue to engage with the federal government to see that rulings related to import duties have a minimum impact on LNG proponents and that the recently announced provincial fiscal framework is implemented.
- Ministry staff remain committed to working with the proponent on project and regulatory issues.

s.13

**DRAFTED BY:**  
Suzanne Manahan  
Executive Lead

**APPROVED BY:**  
Suzanne Manahan, Executive Lead ✓  
Dave Nikolejsin, DM✓

## Appendix 2: Biography Ratnesh Bedi and Byng Giraud



MR. RATNESH BEDI – *President Pacific Oil and Gas*

Mr. Bedi has been the President of Pacific Oil and Gas (PO&G) since 2011. His key area of focus is PO&G's new venture to develop and construct an LNG liquefaction plant in British Columbia. On behalf of PO&G and the investor, Mr. Bedi manages financing and oversees the ongoing work for the project to ensure that the engineering team and local staff have the necessary support to secure permits, appoint world class EPC contractors, build and commission the facilities while continuing to work and engage with First Nations and the community. Mr. Bedi also leads the oil and gas exploration and exploitation initiatives, growth and operations in the Indonesia's business in this current role.

Prior to his appointment in PO&G, Mr. Bedi was Chief Financial Officer of Asia Pacific Resources International Limited (APRIL), a world-leading pulp and paper manufacturer, from 2007 until 2010.

Mr. Bedi was previously with KPMG Indonesia as Manager of Corporate Recovery and Restructuring Division and Deloitte Advisory as Executive Director in corporate and financial advisory services. Mr. Bedi graduated with a BComm from New Delhi, India and is an associate member of the Institute of Chartered Accountants of India.



MR. BYNG GIRAUD – *Country Manager and Vice President Corporate Affairs, Woodfibre LNG Limited*

Mr. Giraud joined Woodfibre LNG Limited in April 2013 as the company's first North American employee. As Country Manager, Mr. Giraud is the senior representative of the company and responsible for the day-to-day

operations of Woodfibre LNG Limited. He is also currently Chairman of Ridley Terminals Inc. a Canadian government owned bulk export terminal in Prince Rupert, BC, a member of the board of the Vimy Ridge Foundation and a member of the Board of Governors of the BC Business Council. Most recently he was asked to sit on the BC Assembly of First Nations-BC Business Council “Champion’s Table”, a body dedicated to breaking new ground in economic reconciliation.

Mr. Giraud has been involved in innovative efforts at First Nations economic reconciliation, including the first agreements between operating mines and First Nations in BC, and the innovative Squamish Nation Environmental Assessment process.

Prior to joining Woodfibre LNG Limited, Mr. Giraud was in an executive role in Corporate Affairs for a Canadian copper/gold mining company. In the past, Mr. Giraud has served as a Vice President with both the Association for Mineral Exploration BC and the Mining Association of BC. Before that, Mr. Giraud worked with some of Canada’s top public affairs agencies. He has also served on the board of directors of Geoscience BC, Canada Place Corporation, Initiatives Prince George, and a number of other organizations.

In 2012, Mr. Giraud received the Queen Elizabeth II Diamond Jubilee Medal for volunteerism.

Mr. Giraud holds a MSc. Econ. from the University of Wales at Aberystwyth and an MBA from the University of Cambridge (Jesus College).

Away from the office, Mr. Giraud volunteers as a Scouts Canada leader. On the weekends, he collects bruises playing old boys rugby.



Info/File

November 24, 2017

Dear Minister Mungall,

<b>MINISTER OF ENERGY, MINES, AND PETROLEUM RESOURCES</b>		
REFERRAL NUMBER	103184	
DRAFT REPLY <input type="checkbox"/>	INFO/FILE <input checked="" type="checkbox"/>	REPLY DIRECT <input type="checkbox"/>
RECEIVED	DEC 04 2017	
REFER TO:		
REMARKS		

Thank you very much for making the time to meet with Ratnesh Bedi and I on November 23, 2017, particularly since we are well aware of how busy the legislative calendar has been. We really appreciated the opportunity to introduce ourselves and to brief you on the various aspects of the Woodfibre LNG project. We will continue to keep you updated on the Project's development and look forward to working with your government to move the ahead in 2018.

We recognize your government is consumed with many issues in its first months in power. Given that, we appreciate your government's competitiveness review of the LNG industry. We are particularly appreciative of the fair-minded approach the new government has taken, as we look forward to the conclusion of the review.

As the LNG project with possibly the lowest GHG emissions in the world, per tonne of LNG, and with a precedent setting agreement with Squamish First Nation, we are proud being part of the opportunity to build a BC based LNG industry.

If ever you or members of your staff have any questions, please don't hesitate to get in touch with me or any member of our team. Until then, I'd like to also take the opportunity to wish you and your family a very happy, and hopefully relaxing, holiday season.

Sincerely,

Byng Giraud

Vice President of Corporate Affairs & Country Manager, Woodfibre LNG

