

Message

From: Paine, Fred [/O=GRID/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=FRED.PAINE]
Sent: 2/24/2017 4:42:08 PM
To: Dion, Thomas [thomas.dion@nationalgrid.com]; Ferris, Gerald Jr [gerald.ferris@nationalgrid.com]; Mirabile, Gerald J. [gerald.mirabile@nationalgrid.com]
CC: Afonso, Jacques R. [jacques.afonso@nationalgrid.com]
Subject: RE: Navy Newport 4500 KW CHP

Potential CIAC

From: Dion, Thomas
Sent: Friday, February 24, 2017 10:53 AM
To: Paine, Fred; Ferris, Gerald Jr; Mirabile, Gerald J.
Cc: Afonso, Jacques R.
Subject: RE: Navy Newport 4500 KW CHP

Why not AGT?

Because of the potential CIAC for the reinforcement or the non firm operation?

Thomas Dion C.E.M.
National Grid
280 Melrose St
Providence, RI 02907
P. 401-784-7153
F. 401-406-3434

From: Paine, Fred
Sent: Friday, February 24, 2017 10:42 AM
To: Ferris, Gerald Jr; Dion, Thomas; Mirabile, Gerald J.
Cc: Afonso, Jacques R.
Subject: RE: Navy Newport 4500 KW CHP

I would think AGT funding would be out.

From: Ferris, Gerald Jr
Sent: Friday, February 24, 2017 10:41 AM
To: Paine, Fred; Dion, Thomas; Mirabile, Gerald J.
Cc: Afonso, Jacques R.
Subject: RE: Navy Newport 4500 KW CHP

Yes we can give them an electric incentive, most likely they may not qualify under our AGT funding though? We will have to research that question on the AGT side.

Gerald(Jed) Ferris
NE CHP Program Manager
National Grid
280 Melrose Street
Providence RI 02907
401 784-7364 Work
401 450-9416 Cell
Gerald.ferris@nationalgrid.com

From: Paine, Fred
Sent: Friday, February 24, 2017 10:12 AM
To: Dion, Thomas; Ferris, Gerald Jr; Mirabile, Gerald J.
Cc: Afonso, Jacques R.
Subject: RE: Navy Newport 4500 KW CHP

Tom,

Could we supply firm gas with system reinforcements ?

Jed, can we claim savings on a dual fuel CHP ?

From: Dion, Thomas
Sent: Friday, February 24, 2017 10:10 AM
To: Ferris, Gerald Jr; Mirabile, Gerald J.
Cc: Paine, Fred; Afonso, Jacques R.
Subject: RE: Navy Newport 4500 KW CHP

OK, good start, we know where it is going!

How about the CFH input to the CHP?

CFH offset in the Power Plant?

Keep in mind, the Power Plant this is going to be located near, and displacing steam that is supplied by that plant, is NON FIRM.

When the weather hits approx. 20 degrees, we make them switch to alternate fuel oil.

Will the CHP be dual fuel?

If not, and we couldn't supply the existing power plant with firm gas, I do not know how we will supply a CHP with firm gas.

Can you get me some more answers?

Thanks

Tom

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From: Ferris, Gerald Jr
Sent: Friday, February 24, 2017 9:49 AM
To: Dion, Thomas; Mirabile, Gerald J.
Cc: Paine, Fred; Afonso, Jacques R.
Subject: RE: Navy Newport 4500 KW CHP

Gerald(Jed) Ferris
NE CHP Program Manager

National Grid

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Providence RI 02907
401 784-7364 Work
401 450-9416 Cell

Gerald.ferris@nationalgrid.com

From: Dion, Thomas
Sent: Wednesday, February 22, 2017 2:30 PM
To: Mirabile, Gerald J.
Cc: Paine, Fred; Ferris, Gerald Jr; Afonso, Jacques R.
Subject: Re: Navy Newport 4500 KW CHP

Jerry,
I need the exact location of the proposed CHP.
Also need CFH of new unit and CFH offset of new unit.
If it is offsetting load at the non firm plant we are in trouble.
The unit needs to offset firm load.
We could never supply the non firm plant with firm because of constraints on the island.
We will not be able to add a large load above the non firm.
Tom

Sent from my Mobile Device

On Feb 22, 2017, at 2:24 PM, Mirabile, Gerald J. <Gerald.Mirabile@nationalgrid.com> wrote:

The largest account is non firm on the base. There are a lot of things we will need to sort out.
Tom. Let us know what is needed. ??

Jacque, you should be aware of this as well. See email string.

Sent from my iPhone

On Feb 22, 2017, at 2:01 PM, Paine, Fred <Fred.Paine@nationalgrid.com> wrote:

I know it is a very weak spot and I believe we supplement the area with LNG. Please work with Jed to get Tom the incremental gas loads so he can run a study.

From: Mirabile, Gerald J.
Sent: Wednesday, February 22, 2017 1:46 PM
To: Paine, Fred
Cc: Ferris, Gerald Jr; Dion, Thomas
Subject: Re: Navy Newport 4500 KW CHP

Fred, do you know anything about navy base and Gas supply? Tom. Any input historically??

Sent from my iPhone

On Feb 22, 2017, at 7:59 AM, Paine, Fred <Fred.Paine@nationalgrid.com> wrote:

Gerry,

Please get Tom Dion engaged. This is a very very difficult area to supply gas.

From: Ferris, Gerald Jr
Sent: Friday, February 17, 2017 8:44 AM
To: 'naveenk@nengineers.com'
Cc: Paine, Fred
Subject: Navy Newport 4500 KW CHP

Here is the application

https://www.nationalgridus.com/media/pdfs/bus-ways-to-save/custom_ri_retrofit_form_final.pdf

Here is the long drawn out how to do a CHP project.

<https://www.nationalgridus.com/media/pdfs/bus-ways-to-save/a-guide-to-submitting-chp-applications-for-incentives-in-ri-5202016-final.pdf>

A quick summary sheet we just built for it too.

Thanks

Jed

Gerald(Jed) Ferris
NE CHP Program Manager
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<EE6574 CHP_RI.pdf>

Message

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Sent: 2/24/2017 4:18:13 PM
To: Dion, Thomas [thomas.dion@nationalgrid.com]; Paine, Fred [fred.paine@nationalgrid.com]; Mirabile, Gerald J. [gerald.mirabile@nationalgrid.com]
CC: Afonso, Jacques R. [jacques.afonso@nationalgrid.com]
Subject: RE: Navy Newport 4500 KW CHP

I am not sure how they are setting this up. They prefer gas. If they burned oil in the CHP we would give them an electric efficiency incentive. Electric incentive is neutral on fuels.

If they consume oil in their CHP or currently in their steam plant, I am not sure if they are still qualified for AGT funds, I have to look at the qualification wording.

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NE CHP Program Manager
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From: Dion, Thomas
Sent: Friday, February 24, 2017 11:05 AM
To: Ferris, Gerald Jr; Paine, Fred; Mirabile, Gerald J.
Cc: Afonso, Jacques R.
Subject: RE: Navy Newport 4500 KW CHP

The CHP or the Steam Plant consumes the oil?
If the CHP is straight gas, would it qualify?

Thomas Dion C.E.M.
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From: Ferris, Gerald Jr
Sent: Friday, February 24, 2017 11:03 AM
To: Dion, Thomas; Paine, Fred; Mirabile, Gerald J.
Cc: Afonso, Jacques R.
Subject: RE: Navy Newport 4500 KW CHP

I am thinking because they consume a lot of oil but I would have to read the filing on what qualifies a project and not just 31% usage through the May Oct timeframe

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To: 'naveenk@kengineers.com'
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Here is the long drawn out how to do a CHP project.

<https://www.nationalgridus.com/media/pdfs/bus-ways-to-save/a-guide-to-submitting-chp-applications-for-incentives-in-ri-5202016-final.pdf>

A quick summary sheet we just built for it too.

Thanks

Jed

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<EE6574 CHP_RI.pdf>

Message

From: Ferris, Gerald Jr [/O=GRID/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=GERALD.FERRIS]
Sent: 7/20/2017 11:52:32 AM
To: Bryant, Grayson [grayson.bryant@nationalgrid.com]
Subject: RE: MA project pipeline and sales activity 7-17-17

Someone updated MCLA from 25% to 75%?

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NE CHP Project Manager
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401 784-7364 Work
401 450-9416 Cell
Gerald.ferris@nationalgrid.com

From: Bryant, Grayson
Sent: Monday, July 17, 2017 1:49 PM
To: Ferris, Gerald Jr
Subject: RE: MA project pipeline and sales activity 7-17-17

Hey Jed,
I've uploaded my file to the NE Program execution on the shared DSDATA drive.
R:\NE Program Execution\Electric LCI dashboards\2017
You should be able to compare what's in InDemand to what you've got below and see what's different. The only thing that jumps out at me is that Twin Rivers is still in at 43K...but we discussed not changing that—and I believe you forwarded the final CX info for that earlier.
GB

From: Ferris, Gerald Jr
Sent: Monday, July 17, 2017 11:59 AM
To: Bryant, Grayson
Subject: RE: MA project pipeline and sales activity 7-17-17

Hey our pipeline numbers don't match.

	Paid	P(%G)	Pipeline	Projection	Forecast	FC(%G)	Goal		
Total	1,039	0%	576,144	163,646	739,789	106%	700,000		
Tufts Univ	-	0%	204,604	68,201	272,805			341,006	75%
UMASS Worc	-	0%	169,878	56,626	226,504			283,130	75%
UMASS Leom	-	0%	55,733	18,578	74,311			148,621	75%

Southbridge	-	0%	82,215	27,405	109,620			137,025	75%
Riverdale Mills	-	0%	26,564	-	26,564			33,205	100%
MA College LA	-	0%	1,799	5,396	7,194			8,992	25%
USVA	-	0%	14,036	4,679	18,715			23,394	75%
Fairing Way	-	0%	1,506	1,506	3,013			3,766	50%
George Prop	1,039	100%	-	-	-			1,039	100%
Twin Rivers	-	0%	43,745	(18,745)	25,000			43,745	100%
Kens Foods	-	0%	(39,622)	-	(39,622)			(39,622)	100%
IPG 1 MW	-	0%	20,140	-	20,140			20,140	100%
Erving ST	-	0%	(9,815)	-	(9,815)			(9,815)	100%
Garelick Frank.	-	0%	4,083	-	4,083			4,083	100%
Salem Univ	-	0%	1,278	-	1,278			1,278	100%

Gerald(Jed) Ferris
NE CHP Project Manager
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401 784-7364 Work
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Gerald.ferris@nationalgrid.com

From: Bryant, Grayson
Sent: Monday, July 17, 2017 10:27 AM
To: Edwards, Bruce S.; Beckstrom, Tracey; Donovan, Mark; Enis, Paul J.; McGloin, Sean; Russo, Peter J.; Wagner, Douglas E.; Berube, Van G. Jr. (NBRO); Torrissi, Judy E.; Dyas, Bruce; Balachandran, Srinath; Velardocchia, David; Derba, Edward J.; Curry, James V.; Norden, Roy C.; Armstrong, Stacey; Doyon, Nancy; Veiga, Jose; Stafford, Mark A.; Moreira, David; Tibbets, Gary W.; Jenks, Travis; DiGeronimo, Sarah E.; Isaksen, William K.; Skinner, Michael B.; Thompson, Michael A.; May, James A. II; Doherty, Maura P.; Hublely, Adrian; Hublely, Adrian; Casna, Deborah A.; Kelley, Mary T.; Ghent, Moira; Dempsey, Jennifer; Russell Salk, Paul; Karlin, John; Meuse, Deborah; Hermanowski, Jessica; Clark, David; Wojcik, Nicholas; Avery, Meghan; Stempien, Debra; Warsing, Kathleen A.; Miller, Keith; Jenks, Travis; White, Carol S. (US-NBRO-RM); Paine, Fred; Ryan, MaryAnne; Golding, Rebecca; Osburn, Janine L.; Rodriguez, Maria D.; Ferris, Gerald Jr; Madden, Joan; Ford, Diane
Subject: MA project pipeline and sales activity 7-17-17

Morning all,
Here's the latest and greatest for MA electric.

Sales performance is for Q1 and Q2 for FY18 along with goals as provided by the sales leads.

On the portfolio tab, % point changes are relative to last Monday's report.

As always, please let me know if you have questions or if something doesn't look right. Also, please let me know if you no longer want to receive these emails, or if I've forgotten anyone.

GB

<< File: MA sales snapshot 7-17-17.xlsx >>

Grayson Bryant, CEM

Energy Efficiency Program Manager

nationalgrid

grayson.bryant@nationalgrid.com

cell: 781.780.1492 | dir: 781.907.1651

Message

From: Dion, Thomas [/O=GRID/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=THOMAS.DION]
Sent: 7/25/2017 2:46:43 PM
To: Dunham, Jeffrey B. [jeffrey.dunham@nationalgrid.com]
CC: Ferris, Gerald Jr [gerald.ferris@nationalgrid.com]; Paine, Fred [fred.paine@nationalgrid.com]
Subject: RE: Navy CHP

No, 300 psi is not available.
We could possibly supply unregulated gas thru the meter.
Probably guarantee 40 psi.

Thomas Dion C.E.M.
National Grid
280 Melrose St
Providence, RI 02907
P. 401-784-7153
F. 401-406-3434

From: Dunham, Jeffrey B.
Sent: Tuesday, July 25, 2017 8:29 AM
To: Dion, Thomas
Cc: Ferris, Gerald Jr; Paine, Fred
Subject: Navy CHP

Morning

On the phone call yesterday a question came upis 300 psi gas available if so where is the nearest gate station where it is located

The discussion was around the gas compressor

Jeffrey Dunham
Certified Energy Manager
LEED Accredited Professional (AP)
National Grid
280 Melrose St.
Providence, RI 02907
401-784-7638 Office
401-527-4055 Cell
315-460-8954 Fax

Message

From: Ferris, Gerald Jr [/O=GRID/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=GERALD.FERRIS]
Sent: 8/16/2017 6:16:53 PM
To: Bilsky, Chandra [chandra.bilsky@nationalgrid.com]
Subject: RE: EXT || RE: DSM Resins CHP

Cannot use CHP for curtailment in National Grids DR program. They can use it in ISO NE's program.

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NE CHP Project Manager
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401 450-9416 Cell
Gerald.ferris@nationalgrid.com

From: Bilsky, Chandra
Sent: Wednesday, August 16, 2017 1:03 PM
To: Jason Young; Ferris, Gerald Jr
Cc: Mirabile, Gerald J.; Dickerman, Kayla (Kayla.Dickerman@dsm.com); Klinkhamer, Erik (erik.klinkhamer@dsm.com); Craig Parker
Subject: RE: EXT || RE: DSM Resins CHP

Hi All,

I will find out if there are any AGT funds we can allocate to this project. CHP does not qualify for net metering, however you would be offsetting the load behind the meter, so you would want to include the cost of your bill that would be offset by the power generated and consumed behind the meter in your calculations. Let me know if you need further clarification on this. Unfortunately, you cannot use the CHP as a curtailment mechanism for demand response. I will let you know as soon as I hear about the AGT funds.

Thank you,
Chandra Bilsky
Senior Sales Representative
National Grid
280 Melrose St.
Providence, RI 02907
Office: 401-784-7174
Cell: 401-742-3865

From: Jason Young [<mailto:jyoung@a-zcorp.com>]
Sent: Tuesday, August 15, 2017 9:08 PM
To: Ferris, Gerald Jr; Bilsky, Chandra
Cc: Mirabile, Gerald J.; Dickerman, Kayla (Kayla.Dickerman@dsm.com); Klinkhamer, Erik (erik.klinkhamer@dsm.com);

Craig Parker

Subject: EXT || RE: DSM Resins CHP

Jed / Chandra,

DSM is preparing a CAPEX request for a 100kW CHP. Kayla is using the \$1250/kW number in her request but wants to know if you can provide guidance on what they might expect under the Providence gas technology fund so that it can be included in the request.

Several other questions that we both have are:

- What are the detail of net metering and might it be a fit for their application?
- Can this CHP be used for demand response (through generation increase vs. curtailment) and how might that create revenue for them?

Any details you can provide on this will help to justify project funding.

Thank you,



Jason Young

Energy Services Program Manager

A/Z Corporation | a-zcorp.com

e: jyoung@a-zcorp.com | **o:** 860.445.3452 | **m:** 860.334.0392

a: 46 Norwich Westerly Road, P.O. Box 370, North Stonington, CT 06359

Offices: N. Stonington, CT | Hartford, CT | Hopkinton, RI | Westborough, MA | King of Prussia, PA

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From: Ferris, Gerald Jr [<mailto:Gerald.Ferris@nationalgrid.com>]

Sent: Wednesday, July 19, 2017 11:16 AM

To: Mirabile, Gerald J.; Bilsky, Chandra

Cc: Jason Young; Klinkhamer, Erik

Subject: RE: DSM Resins CHP

Just an added disclaimer to this, this is based on the information that Jason has shown us, we have not studied this facility yet. Once we study an offer letter will compiled and sent out including the incentive package. On paper this qualifies for the \$1250/KW.

Gerald(Jed) Ferris

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From: Mirabile, Gerald J.

Sent: Wednesday, July 19, 2017 10:53 AM

To: Ferris, Gerald Jr; Bilsky, Chandra
Cc: Jason Young; Klinkhamer, Erik
Subject: RE: DSM Resins CHP

So you have saved through the National Grid energy efficiency programs 640,692 kwh/yr. You have consumed over the last 12 month period 1,605,000 kwh/yr.
 $640692/1605000 = 0.40$ or 40%. This qualifies for DSM to receive the \$1,250/kW on the CHP

Attached is the analysis

<< File: DSM Neosol CHP Usage vs Efficiency.xlsx >>

From: Ferris, Gerald Jr
Sent: Tuesday, July 18, 2017 4:15 PM
To: Mirabile, Gerald J.; Bilsky, Chandra
Cc: Jason Young
Subject: DSM Resins CHP

Hi Folks,

Can you research if DSM Resins qualifies for the 5% in energy reduction for the additional kicker up to \$1250/KW for the CHP project? Jason will need it by tomorrow to put together the sales tool as a package to resubmit to Erik. Currently the project sits at \$1000/KW because he is over 60% system efficiency but could go up to \$1250/KW if you folks say they have qualified?

Let us know

Thanks

Jed

Gerald(Jed) Ferris
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To: Paine, Fred [fred.paine@nationalgrid.com]
Subject: RE: 100 kW CHP requesting AGT Funds - DSM Neosol

Those figures are not including our \$125,000 electric incentive that we can add to the project. Remember we cannot add money on the AGT side below a 1.5 year payback.

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To: Paine, Fred
Subject: FW: 100 kW CHP requesting AGT Funds - DSM Neosol

Hey Fred, this is the unit they are considering going with at DSM. It is a 100 kW but can temporarily reach 125 kW. What information do you need to make a decision about providing them AGT funds? They are trying to justify the project. According to the info provided by AZ Corp, they are at a simple payback of 4.4 years with a conservative estimate of savings and without the tax benefit, this would decrease to 4.1 years with \$25,000 from the AGT fund. If we look at the potential savings they calculated without the tax incentive, they are at 4, and with the \$25K it brings it to 3.72 years.

From: Bilsky, Chandra
Sent: Wednesday, August 16, 2017 12:58 PM
To: Paine, Fred
Subject: 100 kW CHP requesting AGT Funds - DSM Neosol

Hi Fred,

I am awaiting the updated financial proposal for this project so I can see how much money I would like to ask you for from the AGT fund. Jed said we have provided \$25k for a similar sized CHP for Avalon. Can we talk about whether we can allocate funds to this project?

Thanks!

Chandra

From: Bilsky, Chandra
Sent: Wednesday, August 16, 2017 12:55 PM
To: 'Jason Young'; Ferris, Gerald Jr
Cc: Mirabile, Gerald J.; Craig Parker
Subject: RE: EXT || RE: DSM Resins CHP

Hey Jason,

Do you have an updated proposal that includes the number for a 100 kW system, rather than the 150 kW in this attached email?

Thank you,
Chandra Bilsky
Senior Sales Representative
National Grid
280 Melrose St.
Providence, RI 02907
Office: 401-784-7174
Cell: 401-742-3865

From: Jason Young [<mailto:jyoung@a-zcorp.com>]
Sent: Tuesday, August 15, 2017 9:08 PM
To: Ferris, Gerald Jr; Bilsky, Chandra
Cc: Mirabile, Gerald J.; Dickerman, Kayla (Kayla.Dickerman@dsm.com); Klinkhamer, Erik (erik.klinkhamer@dsm.com); Craig Parker
Subject: EXT || RE: DSM Resins CHP

Jed / Chandra,

DSM is preparing a CAPEX request for a 100kW CHP. Kayla is using the \$1250/kW number in her request but wants to know if you can provide guidance on what they might expect under the Providence gas technology fund so that it can be included in the request.

Several other questions that we both have are:

- What are the detail of net metering and might it be a fit for their application?
- Can this CHP be used for demand response (through generation increase vs. curtailment) and how might that create revenue for them?

Any details you can provide on this will help to justify project funding.

Thank you,



Jason Young
Energy Services Program Manager

A/Z Corporation | a-zcorp.com

e: jyoung@a-zcorp.com | **o:** 860.445.3452 | **m:** 860.334.0392
a: 46 Norwich Westerly Road, P.O. Box 370, North Stonington, CT 06359

Offices: N. Stonington, CT | Hartford, CT | Hopkinton, RI | Westborough, MA | King of Prussia, PA

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From: Ferris, Gerald Jr [<mailto:Gerald.Ferris@nationalgrid.com>]
Sent: Wednesday, July 19, 2017 11:16 AM
To: Mirabile, Gerald J.; Bilsky, Chandra
Cc: Jason Young; Klinkhamer, Erik
Subject: RE: DSM Resins CHP

Just an added disclaimer to this, this is based on the information that Jason has shown us, we have not studied this facility yet. Once we study an offer letter will compiled and sent out including the incentive package. On paper this qualifies for the \$1250/KW.

Gerald(Jed) Ferris
NE CHP Project Manager
National Grid
280 Melrose Street
Providence RI 02907
401 784-7364 Work
401 450-9416 Cell
Gerald.ferris@nationalgrid.com

From: Mirabile, Gerald J.
Sent: Wednesday, July 19, 2017 10:53 AM
To: Ferris, Gerald Jr; Bilsky, Chandra
Cc: Jason Young; Klinkhamer, Erik
Subject: RE: DSM Resins CHP

So you have saved through the National Grid energy efficiency programs 640,692 kwh/yr. You have consumed over the last 12 month period 1,605,000 kwh/yr.
 $640692/1605000 = 0.40$ or 40%. This qualifies for DSM to receive the \$1,250/kW on the CHP

Attached is the analysis

<< File: DSM Neosol CHP Usage vs Efficiency.xlsx >>

From: Ferris, Gerald Jr
Sent: Tuesday, July 18, 2017 4:15 PM
To: Mirabile, Gerald J.; Bilsky, Chandra
Cc: Jason Young
Subject: DSM Resins CHP

Hi Folks,

Can you research if DSM Resins qualifies for the 5% in energy reduction for the additional kicker up to \$1250/KW for the CHP project? Jason will need it by tomorrow to put together the sales tool as a package to resubmit to Erik. Currently the project sits at \$1000/KW because he is over 60% system efficiency but could go up to \$1250/KW if you folks say they have qualified?

Let us know

Thanks

Jed

Gerald(Jed) Ferris
NE CHP Project Manager
National Grid
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Providence RI 02907
401 784-7364 Work
401 450-9416 Cell
Gerald.ferris@nationalgrid.com

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You may report the matter by contacting us via our [UK Contacts Page](#) or our [US Contacts Page](#) (accessed by clicking on the appropriate link)

Please ensure you have adequate virus protection before you open or detach any documents from this transmission. National Grid plc and its affiliates do not accept any liability for viruses. An e-mail reply to this address may be subject to monitoring for operational reasons or lawful business practices.

For the registered information on the UK operating companies within the National Grid group please use the attached link: <http://www.nationalgrid.com/corporate/legal/registeredoffices.htm>

Message

From: Paine, Fred [/O=GRID/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=FRED.PAINE]
Sent: 3/14/2018 7:29:47 PM
To: Dunham, Jeffrey B. [jeffrey.dunham@nationalgrid.com]
Subject: RE: REVISED: NAVY CHP Notification second draft brief

Got it

From: Dunham, Jeffrey B.
Sent: Wednesday, March 14, 2018 3:27 PM
To: Paine, Fred
Subject: RE: REVISED: NAVY CHP Notification second draft brief

Its kinda both but more Raquel and I do not know the risk guy which is why I left him off that e mail requesting Johns help

Jeffrey Dunham
Certified Energy Manager
LEED Accredited Professional (AP)
National Grid
280 Melrose St.
Providence, RI 02907
401-784-7638 Office
401-527-4055 Cell
315-460-8954 Fax

From: Paine, Fred
Sent: Wednesday, March 14, 2018 3:26 PM
To: Dunham, Jeffrey B.
Subject: RE: REVISED: NAVY CHP Notification second draft brief

Jeff is it Requel or Tamela ? Also might copy that risk guy.....

From: Dunham, Jeffrey B.
Sent: Wednesday, March 14, 2018 3:21 PM
To: Isberg, John F.
Cc: Paine, Fred; Moreira, David; Ferris, Gerald Jr; Henschel, Rachel
Subject: RE: REVISED: NAVY CHP Notification second draft brief
Importance: High

John

Could maybe use a nudge from you to Raquel (in legal) to keep this moving along...see e mail below regarding Raquel's workload. We really need to get this out the door within the next few weeks or so.

Just to bring you up to speed here is what has transpired
I sent the original offer letter and incentive paperwork to the Navy at the end of January as planned

The Navy will not sign the paperwork because there is a claw back for the \$7 million incentive should the CHP unit stop operating within 10 years

The Navy is not providing any capital for the project the vendor is funding it as payment in kind for the solar land lease Since the Navy is not providing any capital they do not want to be on the hook for the claw back

Here is the rub....

The Navy has requested that NGrid direct all the paperwork and the claw back liability to the vendor (BQ) (NGrid has never done this before)

Since the vendor is not the NGrid customer we are going to ask for a surety bond or letter of credit for the claw back

The vendor seems OK with this and is pursuing on their end

The vendor has received verbally approval by the Navy and is now in the process of providing the vendor with all the signed contracts (time frame about 30 days)

As always thanks for your support

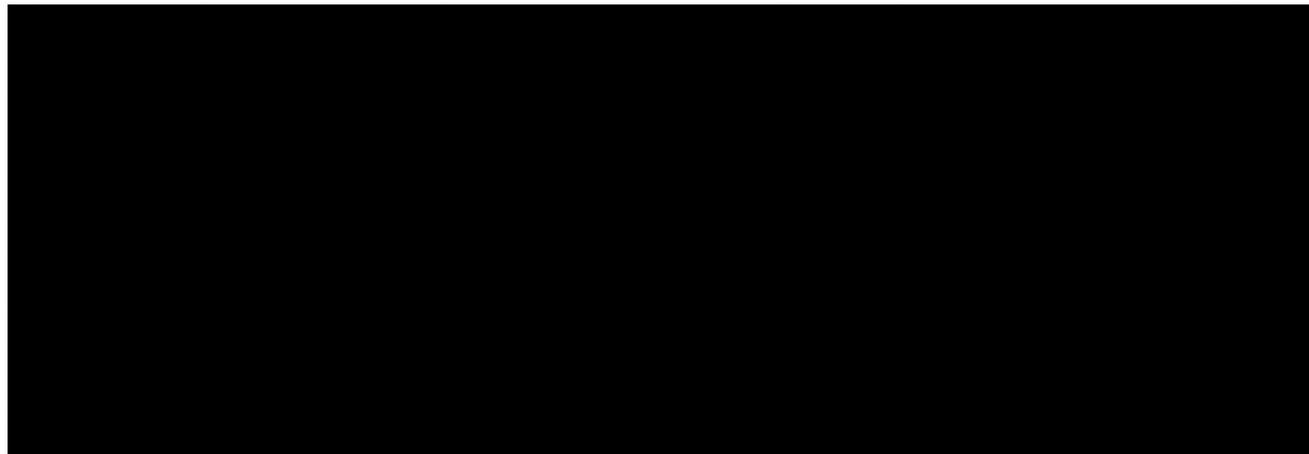
Jeff

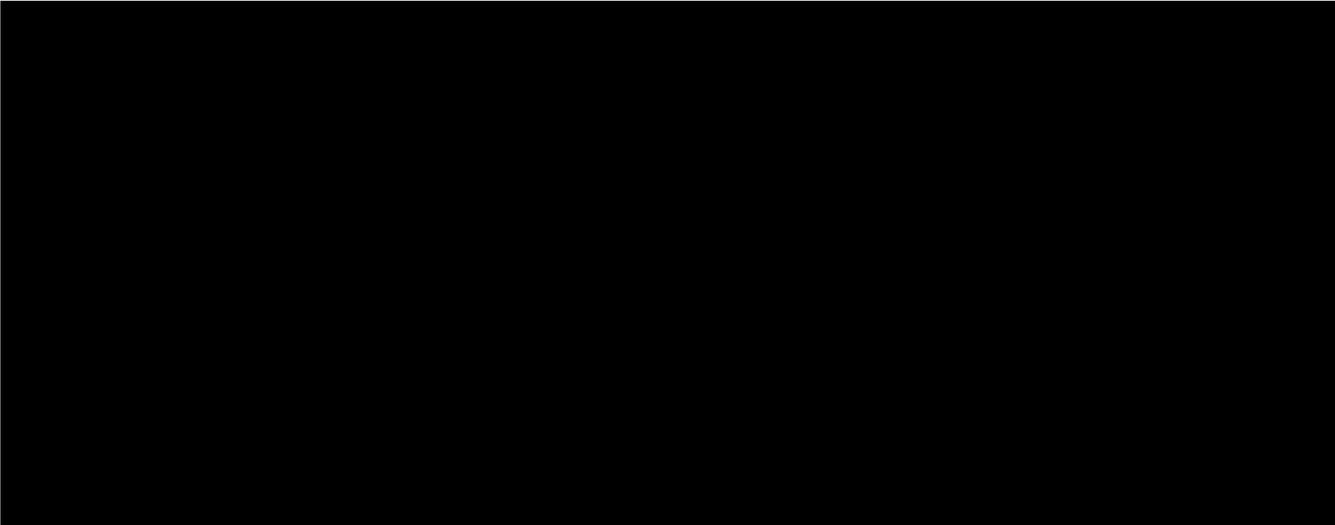
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401-784-7638 Office
401-527-4055 Cell
315-460-8954 Fax

From: Bailey, Tamela
Sent: Wednesday, March 14, 2018 2:03 PM
To: Henschel, Rachel; Dunham, Jeffrey B.
Cc: Ferris, Gerald Jr; Kiernan, Timothy P.; Paine, Fred; Webster, Raquel
Subject: REVISED: NAVY CHP Notification second draft brief
Importance: High

Hi:

I hope this email finds everyone well and safe.





Tamela E. Bailey

Senior Counsel, Commercial Legal

National Grid

40 Sylvan Rd.

Waltham, MA 02451-1120

P: (781) 907-1890

Tamela.Bailey@nationalgrid.com

Please consider the environment before printing this e-mail.

From: Henschel, Rachel

Sent: Wednesday, March 14, 2018 1:54 PM

To: Dunham, Jeffrey B.

Cc: Ferris, Gerald Jr; Bailey, Tamela; Kiernan, Timothy P.; Paine, Fred; Webster, Raquel

Subject: RE: NAVY CHP Notification second draft brief

Jeff, Thanks for outlining the next steps – very helpful.

All -- I've added Raquel to this email chain and attached the latest version of the PUC notification letter (which incorporates the changes you, Jed, and I have discussed). This letter has been modified to reflect the next steps you outlined below.

Based on this, I would like the PUC notification letter to go to the Commission immediately following the revised offer letter. Let's stay in close coordination to get the exact date.



The PUC has 30 days to respond to this notification – I've asked for them to shorten that time frame as it's critical to the Navy. For Toray CHP, the Commission held a technical session. I've offered them suggestions of what they can request for a quicker review than holding a technical session. I would like to accomplish PUC review (or non-review – up to them) as soon as possible.

--Rachel

<< File: NAVY CHP Notification third draft.docx >>

From: Dunham, Jeffrey B.
Sent: Wednesday, March 14, 2018 8:01 AM
To: Henschel, Rachel
Cc: Ferris, Gerald Jr; Bailey, Tamela; Kiernan, Timothy P.; Paine, Fred
Subject: RE: NAVY CHP Notification second draft brief

Morning

Rachel

Yes the offer letter will be modified with some additional safeguards (surety bond or letter of credit reference) also will have BQ as the recipient

MRD should not change at all unless there is a reference to the Navy that will be changed to BQ



Offer letter will have whatever date I can send it out to BQ



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From: Henschel, Rachel
Sent: Tuesday, March 13, 2018 9:05 PM
To: Dunham, Jeffrey B.
Cc: Ferris, Gerald Jr
Subject: RE: NAVY CHP Notification second draft brief

Jeff,

Do you anticipate updating the offer letter or MRD based on the deal that Tamela is crafting? If so, when will that be accomplished? What date will be on that offer letter?

I'm trying to think through the best time to send in this notification to the PUC – I'd prefer to do it when a revised offer letter is done with a more current date. And if the offer letter is being revised – please put in one sentence that says National Grid is notifying the PUC of the offer.

I revised based on Jed's comments. Will send to Tamela and Raquel once I hear back from ya'll – I'd prefer to figure this out and then know what to ask for their help on.

-Rachel

From: Dunham, Jeffrey B.
Sent: Monday, March 12, 2018 6:41 PM
To: Henschel, Rachel
Cc: Ferris, Gerald Jr
Subject: RE: NAVY CHP Notification second draft brief

Rachel
The e mail below was meant for you not Jed

Jeffrey Dunham
Certified Energy Manager
LEED Accredited Professional (AP)
National Grid
280 Melrose St.
Providence, RI 02907
401-784-7638 Office
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From: Dunham, Jeffrey B.
Sent: Monday, March 12, 2018 5:59 PM
To: Ferris, Gerald Jr
Cc: Henschel, Rachel
Subject: RE: NAVY CHP Notification second draft brief

Jed
Regarding your last comment in the attachment
No one has requested confidentiality however the question has never been asked
I would leave it unless you feel it necessary to ask the Navy

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From: Ferris, Gerald Jr
Sent: Monday, March 12, 2018 1:41 PM
To: Henschel, Rachel

Cc: Dunham, Jeffrey B.

Subject: NAVY CHP Notification second draft brief

<< File: NAVY CHP Notification second draft brief.docx >>

Here are my markups and comments.

Message

From: Dunham, Jeffrey B. [/O=GRID/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=JEFFREY.DUNHAM]
Sent: 3/27/2018 5:03:01 PM
To: Bailey, Tamela [tamela.bailey@nationalgrid.com]; Henschel, Rachel [rachel.henschel@nationalgrid.com]
Subject: Re: NAVY CHP Notification second draft brief

On Mar 27, 2018, at 11:38 AM, Bailey, Tamela <Tamela.Bailey@nationalgrid.com> wrote:

Tamela E. Bailey

Senior Counsel, Commercial Legal

National Grid

40 Sylvan Rd.

Waltham, MA 02451-1120

P: (781) 907-1890

Tamela.Bailey@nationalgrid.com

Please consider the environment before printing this e-mail.

From: Dunham, Jeffrey B.
Sent: Tuesday, March 27, 2018 8:03 AM
To: Bailey, Tamela
Subject: FW: NAVY CHP Notification second draft brief

Morning

See Rachel's e mail below

Can you place that in the most appropriate section of the agreement letter
thanks

Jeffrey Dunham
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National Grid
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From: Henschel, Rachel
Sent: Monday, March 26, 2018 3:28 PM
To: Dunham, Jeffrey B.

Cc: Hermanowski, Jessica
Subject: FW: NAVY CHP Notification second draft brief

Jeff,

Please see language below highlighted in yellow – can you make sure that gets into revised offer letter for BQ?

From: Henschel, Rachel
Sent: Wednesday, March 14, 2018 12:43 PM
To: Ferris, Gerald Jr; Dunham, Jeffrey B.
Subject: RE: NAVY CHP Notification second draft brief

Jeff & Jed,

This sounds great. Glad there will be a new offer letter, more recent date, and here's the sentence to put in there:

National Grid will notify the RI Public Utility Commission. The project, the incentive, and any other related proposals will be authorized to proceed after thirty days from the notice filing unless the PUC suspends the filing and/or issues an order within such 30-day period to extend the time for purposes of further review.

To be clear – the PUC isn't supposed to rule or reject this – that's what "notify" means. It means they get to learn more about it. We will make that very clear to the Commission. What we may need is a rep from the Navy to show up to a technical session on it, if the PUC decides to have one. If the PUC does hold a tech session, then we'll meet internally to discuss how best to answer questions and who will go to the tech session (plan on coming, please). I'll also pull in Mark Sevier. I'm thinking it'll be more realistic that they issue record requests only and not a tech session. I'll add a sentence to the draft that this needs to move fast as important business decisions need to continue.

For next step, I'm sending revised letter to Tamela and Raquel and communicating what Jeff said below regarding timeline.

From: Ferris, Gerald Jr
Sent: Wednesday, March 14, 2018 8:07 AM
To: Dunham, Jeffrey B.
Cc: Henschel, Rachel
Subject: RE: NAVY CHP Notification second draft brief

Make sure we add the language that PUC will be notified as specified by Rachel below.

"Put in one sentence that says National Grid is notifying the PUC of the offer"

Gerald (Jed) Ferris

NE CHP Project Manager

National Grid

280 Melrose Street
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401 450-9416 Cell
Gerald.ferris@nationalgrid.com

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To: Henschel, Rachel
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Cc: Dunham, Jeffrey B.
Subject: NAVY CHP Notification second draft brief

<< File: NAVY CHP Notification second draft brief.docx >>
Here are my markups and comments.

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From: Dunham, Jeffrey B. [/O=GRID/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=JEFFREY.DUNHAM]
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Subject: FW: NAVY CHP Notification second draft brief

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See Rachel's e mail below

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Jeffrey Dunham
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Cc: Hermanowski, Jessica
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To: Henschel, Rachel
Cc: Ferris, Gerald Jr; Bailey, Tamela; Kiernan, Timothy P.; Paine, Fred
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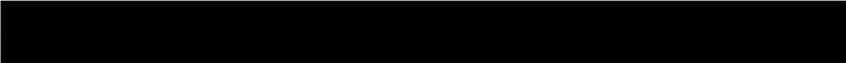
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I revised based on Jed's comments. Will send to Tamela and Raquel once I hear back from ya'll – I'd prefer to figure this out and then know what to ask for their help on.

-Rachel

From: Dunham, Jeffrey B.
Sent: Monday, March 12, 2018 6:41 PM
To: Henschel, Rachel
Cc: Ferris, Gerald Jr
Subject: RE: NAVY CHP Notification second draft brief

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Cc: Henschel, Rachel
Subject: RE: NAVY CHP Notification second draft brief

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From: Ferris, Gerald Jr
Sent: Monday, March 12, 2018 1:41 PM
To: Henschel, Rachel
Cc: Dunham, Jeffrey B.
Subject: NAVY CHP Notification second draft brief

<< File: NAVY CHP Notification second draft brief.docx >>
Here are my markups and comments.

Message

From: Dunham, Jeffrey B. [/O=GRID/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=JEFFREY.DUNHAM]
Sent: 3/28/2018 2:52:21 PM
To: Bailey, Tamela [tamela.bailey@nationalgrid.com]; Henschel, Rachel [rachel.henschel@nationalgrid.com]
Subject: RE: NAVY CHP Notification second draft brief

Yes that is correct

Jeffrey Dunham
Certified Energy Manager
LEED Accredited Professional (AP)
National Grid
280 Melrose St.
Providence, RI 02907
401-784-7638 Office
401-527-4055 Cell
315-460-8954 Fax

From: Bailey, Tamela
Sent: Tuesday, March 27, 2018 2:15 PM
To: Henschel, Rachel; Dunham, Jeffrey B.
Subject: RE: NAVY CHP Notification second draft brief

To clarify and make sure we are on the same page, we are asking BQ to provide some kind of security which is why Jeff spoke with Tim Kiernan about a surety bond or letter of credit. Correct? Tim Kiernan consulted with NG's broker who suggested a performance guarantee bond as indicated in Tim Kiernan's email yesterday. You asked me to modify the Offer Letter and include the necessary commercial legal terms. I am not a security expert. Any language regarding the security we are requiring will need to come from James Koes or Tim Kiernan.

Tamela E. Bailey
Senior Counsel, Commercial Legal
National Grid
40 Sylvan Rd.
Waltham, MA 02451-1120
P: (781) 907-1890
Tamela.Bailey@nationalgrid.com

Please consider the environment before printing this e-mail.

From: Henschel, Rachel
Sent: Tuesday, March 27, 2018 1:56 PM
To: Bailey, Tamela; Dunham, Jeffrey B.
Subject: RE: NAVY CHP Notification second draft brief

Tamela,



I am in meetings at 11 and 4. However, you all can meet without me.

Rachel

From: Bailey, Tamela
Sent: Tuesday, March 27, 2018 1:07 PM
To: Dunham, Jeffrey B.; Henschel, Rachel
Subject: RE: NAVY CHP Notification second draft brief

[REDACTED] I set a meeting up for tomorrow at 4pm but that is so late that I am hoping we can meeting earlier in the day. Can you and Rachel talk at 11am?

Tamela E. Bailey

Senior Counsel, Commercial Legal

National Grid

40 Sylvan Rd.

Waltham, MA 02451-1120

P: (781) 907-1890

Tamela.Bailey@nationalgrid.com

Please consider the environment before printing this e-mail.

From: Dunham, Jeffrey B.
Sent: Tuesday, March 27, 2018 1:03 PM
To: Bailey, Tamela; Henschel, Rachel
Subject: Re: NAVY CHP Notification second draft brief

Tamela
[REDACTED]

Rachel

Is the notification triggered at 3 million ?

On Mar 27, 2018, at 11:38 AM, Bailey, Tamela <Tamela.Bailey@nationalgrid.com> wrote:

[REDACTED]

Tamela E. Bailey

Senior Counsel, Commercial Legal

National Grid

40 Sylvan Rd.

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P: (781) 907-1890

Tamela.Bailey@nationalgrid.com

Please consider the environment before printing this e-mail.

From: Dunham, Jeffrey B.
Sent: Tuesday, March 27, 2018 8:03 AM
To: Bailey, Tamela
Subject: FW: NAVY CHP Notification second draft brief

[REDACTED]

Jeffrey Dunham
Certified Energy Manager
LEED Accredited Professional (AP)
National Grid
280 Melrose St.
Providence, RI 02907
401-784-7638 Office
401-527-4055 Cell
315-460-8954 Fax

From: Henschel, Rachel
Sent: Monday, March 26, 2018 3:28 PM
To: Dunham, Jeffrey B.
Cc: Hermanowski, Jessica
Subject: FW: NAVY CHP Notification second draft brief

Jeff,

Please see language below highlighted in yellow – can you make sure that gets into revised offer letter for BQ?

From: Henschel, Rachel
Sent: Wednesday, March 14, 2018 12:43 PM
To: Ferris, Gerald Jr; Dunham, Jeffrey B.
Subject: RE: NAVY CHP Notification second draft brief

Jeff & Jed,

This sounds great. Glad there will be a new offer letter, more recent date, and here's the sentence to put in there:

National Grid will notify the RI Public Utility Commission. The project, the incentive, and any other related proposals will be authorized to proceed after thirty days from the notice filing unless the PUC suspends the filing and/or issues an order within such 30-day period to extend the time for purposes of further review.

To be clear – the PUC isn't supposed to rule or reject this – that's what "notify" means. It means they get to learn more about it. We will make that very clear to the Commission. What we may need is a rep from the Navy to show up to a technical session on it, if the PUC decides to have one. If the PUC does hold a tech session, then we'll meet internally to discuss how best to answer questions and who will go to the tech session (plan on coming, please). I'll also pull in Mark Sevier. I'm thinking it'll be more realistic that they issue record requests only and not a tech session. I'll add a sentence to the draft that this needs to move fast as important business decisions need to continue.

For next step, I'm sending revised letter to Tamela and Raquel and communicating what Jeff said below regarding timeline.

From: Ferris, Gerald Jr
Sent: Wednesday, March 14, 2018 8:07 AM
To: Dunham, Jeffrey B.
Cc: Henschel, Rachel
Subject: RE: NAVY CHP Notification second draft brief

Make sure we add the language that PUC will be notified as specified by Rachel below.

“Put in one sentence that says National Grid is notifying the PUC of the offer”

Gerald (*Jed*) Ferris
NE CHP Project Manager
National Grid
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Providence RI 02907
401 784-7364 Work
401 450-9416 Cell
Gerald.ferris@nationalgrid.com

From: Dunham, Jeffrey B.
Sent: Wednesday, March 14, 2018 8:01 AM
To: Henschel, Rachel
Cc: Ferris, Gerald Jr; Bailey, Tamela; Kiernan, Timothy P.; Paine, Fred
Subject: RE: NAVY CHP Notification second draft brief

Morning

Rachel
Yes the offer letter will be modified with some additional safeguards (surety bond or letter of credit reference) also will have BQ as the recipient

MRD should not change at all unless there is a reference to the Navy that will be changed to BQ

[REDACTED]

Offer letter will have whatever date I can send it out to BQ

[REDACTED]

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From: Henschel, Rachel
Sent: Tuesday, March 13, 2018 9:05 PM
To: Dunham, Jeffrey B.
Cc: Ferris, Gerald Jr
Subject: RE: NAVY CHP Notification second draft brief

Jeff,

Do you anticipate updating the offer letter or MRD based on the deal that Tamela is crafting? If so, when will that be accomplished? What date will be on that offer letter?

I'm trying to think through the best time to send in this notification to the PUC – I'd prefer to do it when a revised offer letter is done with a more current date. And if the offer letter is being revised – please put in one sentence that says National Grid is notifying the PUC of the offer.

I revised based on Jed's comments. Will send to Tamela and Raquel once I hear back from ya'll – I'd prefer to figure this out and then know what to ask for their help on.

-Rachel

From: Dunham, Jeffrey B.
Sent: Monday, March 12, 2018 6:41 PM
To: Henschel, Rachel
Cc: Ferris, Gerald Jr
Subject: RE: NAVY CHP Notification second draft brief

Rachel
The e mail below was meant for you not Jed

Jeffrey Dunham
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From: Dunham, Jeffrey B.
Sent: Monday, March 12, 2018 5:59 PM
To: Ferris, Gerald Jr
Cc: Henschel, Rachel
Subject: RE: NAVY CHP Notification second draft brief

Jed

Regarding your last comment in the attachment

No one has requested confidentiality however the question has never been asked

I would leave it unless you feel it necessary to ask the Navy

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From: Ferris, Gerald Jr
Sent: Monday, March 12, 2018 1:41 PM
To: Henschel, Rachel
Cc: Dunham, Jeffrey B.
Subject: NAVY CHP Notification second draft brief

<< File: NAVY CHP Notification second draft brief.docx >>
Here are my markups and comments.

Message

From: Dunham, Jeffrey B. [/O=GRID/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=JEFFREY.DUNHAM]
Sent: 3/29/2018 10:48:10 AM
To: Isberg, John F. [john.isberg@nationalgrid.com]
Subject: Re: [EXTERNAL] : Accepted: EXT || Catching Up with Chris - Newport/CHP Project Status

John

I appreciate all your support with this program and others you had helped me with in the past
If we close this one we can have Tom take us out for lunch lol

On Mar 28, 2018, at 7:40 PM, Isberg, John F. <John.Isberg@nationalgrid.com> wrote:

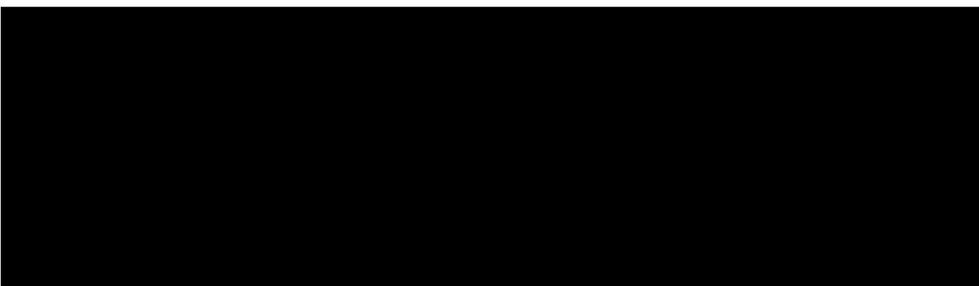
This should help. Thanks for your time today.

Sent from my iPad

Begin forwarded message:

From: "Bailey, Tamela" <Tamela.Bailey@nationalgrid.com>
Date: March 28, 2018 at 4:38:35 PM EDT
To: "Isberg, John F." <John.Isberg@nationalgrid.com>, "Ryan, Michael" <Michael.Ryan@nationalgrid.com>
Cc: "Moreira, David" <David.Moreira@nationalgrid.com>, "Paine, Fred" <Fred.Paine@nationalgrid.com>, "Henschel, Rachel" <Rachel.Henschel@nationalgrid.com>, "Dunham, Jeffrey B." <Jeffrey.Dunham@nationalgrid.com>
Subject: RE: [EXTERNAL] : Accepted: EXT || Catching Up with Chris - Newport/CHP Project Status

Hi John:



Tamela E. Bailey

Senior Counsel, Commercial Legal
National Grid
40 Sylvan Rd.
Waltham, MA 02451-1120
P: (781) 907-1890
Tamela.Bailey@nationalgrid.com

Please consider the environment before printing this e-mail.

From: Isberg, John F.
Sent: Wednesday, March 28, 2018 3:27 PM
To: Ryan, Michael
Cc: Moreira, David; Paine, Fred; Bailey, Tamela; Henschel, Rachel; Dunham, Jeffrey B.

Subject: Re: [EXTERNAL] : Accepted: EXT || Catching Up with Chris - Newport/CHP Project Status

Mike,

I spoke with Chris Kearns and he said you had interest in this project. We are hoping to wrap it up soon and when we do we will reach out to you to plan something with our Senators. Although it is never done until the ink dries!

John

Sent from my iPad

On Mar 26, 2018, at 9:22 AM, Dunham, Jeffrey B. <Jeffrey.Dunham@nationalgrid.com> wrote:

Morning John

To recap

I sent the original offer letter and incentive paperwork to the Navy at the end of January as planned

The Navy will not sign the paperwork because there is a claw back for the \$7 million incentive should the CHP unit stop operating within 10 years

The Navy is not providing any capital for the project the vendor is funding it as payment in kind for the solar land lease

Since the Navy is not providing any capital they do not want to be on the hook for the claw back

Here is the rub....

The Navy has requested that NGrid direct all the paperwork and the claw back liability to the vendor (BQ) (NGrid has never done this before)

Since the vendor is not the NGrid customer we are going to ask for a surety bond or letter of credit for the claw back

The vendor seems OK with this and is pursuing on their end

The vendor has received verbally approval by the Navy and is now in the process of providing the vendor with all the signed contracts (time frame about 30 days)

Update as of this morning

-NGrid is moving forward with directing all of the paperwork to BQ (the vendor)

-Tim Kiernan from Finance Risk has provided me with the surety bond language to provide to BQ , which I have done

-NGrid incentive agreement is with Tamela for revisions. I received an e mail from her last Thursday that it is next on her to do list

-Rachel has the PUC notification ready and is just waiting for the incentive agreement letter to be completed before sending it out to the PUC.

- Call at 1PM today with the Navy and BQ, hoping to get something from Tamela prior to the call.

Jeffrey Dunham
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From: Isberg, John F.
Sent: Monday, March 26, 2018 8:38 AM
To: Paine, Fred; Dunham, Jeffrey B.; Moreira, David
Subject: Fwd: [EXTERNAL] : Accepted: EXT || Catching Up with Chris - Newport/CHP Project Status

Anything new I can say to Chris?

Sent from my iPhone

Begin forwarded message:

From: "Kearns, Christopher (DOA)"
<Christopher.Kearns@energy.ri.gov>
Date: March 26, 2018 at 8:31:05 AM EDT
To: "Isberg, John F." <John.Isberg@nationalgrid.com>
Subject: RE: [EXTERNAL] : Accepted: EXT || Catching Up with Chris - Newport/CHP Project Status

Hi John,

Hope all is well. Anything new with the Navy CHP project?

Thanks,

Chris

From: Isberg, John F.
<<mailto:John.Isberg@nationalgrid.com>>
Sent: Wednesday, February 14, 2018 5:41 PM
To: Kearns, Christopher (DOA)
<Christopher.Kearns@energy.ri.gov>
Subject: Re: [EXTERNAL] : Accepted: EXT || Catching Up with Chris - Newport/CHP Project Status

Yes they have there offer letter as of 2/1 as promised

Sent from my iPhone

On Feb 14, 2018, at 5:31 PM, Kearns, Christopher (DOA)
<Christopher.Kearns@energy.ri.gov> wrote:

Hi John,

Anything new on Navy project?

Thanks,

Chris

-----Original Appointment-----

From: Isberg, John F.

[\[mailto:John.Isberg@nationalgrid.com\]](mailto:John.Isberg@nationalgrid.com)

Sent: Friday, January 12, 2018 11:37 AM

To: Kearns, Christopher (DOA)

Subject: [EXTERNAL] : Accepted: EXT ||
Catching Up with Chris - Newport/CHP
Project Status

When: Friday, January 12, 2018 3:30 PM-3:40 PM (UTC-05:00) Eastern Time (US & Canada).

Where:

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<https://www.nationalgrid.com/group/about-us/corporate-registrations>

Message

From: Dunham, Jeffrey B. [/O=GRID/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=JEFFREY.DUNHAM]
Sent: 4/12/2018 3:17:14 PM
To: Ferris, Gerald Jr [gerald.ferrise@nationalgrid.com]; Henschel, Rachel [rachel.henschel@nationalgrid.com]
Subject: FW: Navy CHP Project

Gas infrastructure required for the Navy CHP
See below

Jeffrey Dunham
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From: Dion, Thomas
Sent: Thursday, April 12, 2018 11:16 AM
To: Dunham, Jeffrey B.
Subject: Navy CHP Project

Jeff,

BF 3/31/2017

Gas Operations Engineering approves the proposed load of 126,000 CFH contingent upon:

- 1) Growth Reinforcement: Due to the integrity of the 99psig, 35psig, and LP systems in the surrounding locations of this request, the installation of approx. 3,000 ft of 12 in WS 99psig main on Green End Avenue in Middletown RI will be an adequate reinforcement keep all pressures above system minimum and allow the customer to achieve its desired gas capacity request.
- 2) Growth Reinforcement: There is a 12 in WS 99psig stub on the intersection of Green End Ave @ Compton View Dr which will be extended with 12 in WS 99psig approx. 3,000 ft parallel with the existing 8 in WS 99psig on Green End Ave to the 12 in WS 99psig stub on the corner of Green End Ave and Aquidneck Ave.
- 3) After this reinforcement is complete, the installation of up to 100 ft of 8 in WS 99psig service off of the existing 12 in WS 99psig main will be adequate to serve the Boiler Plant.

Thomas Dion C.E.M.
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