



{In Archive} Re: Merrimack Station Capacity Factors

palmeag to: John King

01/13/2011 03:02 PM

From: palmeag@nu.com
To: John King/R1/USEPA/US@EPA
Archive: This message is being viewed in an archive.

John, Here's a follow-up on capacity factor matter to add 2007, complete 2010, include EAFs and add comments.

Merrimack Unit 1

YEAR	CF	EAF	Comment
2007	95.7%	96.6	
2008	80.2%	80.5	CF reflects planned overhaul outage
2009	84.1%	94.6	
2010	65.6% thru Nov		
2010	67.8%	EOY	85.4% CF consistent with economic dispatch

Merrimack Unit 2

YEAR	CF	EAF	Comment
2007	83.0%	84.8	
2008	73.0%	73.3	CF reflects installation of higher efficiency HP/IP turbine
2009	56.1%	59.4	CF due to repair of HP/IP turbine due to foreign material damage
2010	66.4% thru Nov		
2010	68.9%	EOY	86.8% CF consistent with economic dispatch

Think this provides most info you were looking for, Allan.

From: Allan G. Palmer/NUS
To: king.john@epamail.epa.gov
Date: 12/16/2010 10:45 AM
Subject: Re: Merrimack Station Capacity Factors

You are welcome for the data.

The only web site would probably be something at a government office, eg, EIA, DOE. I'll ask around; I doubt we have an in-house site.

The 2010 number is probably thru November but I will ask.

The numbers are what they are; I can not make them higher. I believe recent years are down somewhat due to some lengthy outage work and I think this year got hurt by the lower demand in November.

I will get the 2007 data.

I believe you are correct about U2 in 2009; I think that was when the turbine shaft was replaced. I will confirm.

From: king.john@epamail.epa.gov
To: Allan G. Palmer/NUS@NU
Date: 12/16/2010 08:26 AM
Subject: Re: Merrimack Station Capacity Factor

Allan,

Thank you for the data.

So as not to inconvenience you, is there some public, i.e., Web site, where I can directly access this data? Can you provide the "to" date for the 2010 capacity? I am sure Units 1 & 2's capacities' will be slightly higher. I now also request the capacity factor for 2007. Unit 2 seemed to be not operating for almost six months in 2009, is that correct? If the Unit 2 was down for almost six months, what was the cause? I assume that was not a normal occurrence.

Thank you, John
-----palmeag@nu.com wrote: -----

To: John King/R1/USEPA/US@EPA
From: palmeag@nu.com
Date: 12/15/2010 06:58PM
Subject: Re: Merrimack Station Capacity Factor

Merrimack Unit 1
YEAR
Capacity Factor
2008 80.2%
2009 84.1%
2010 65.6%

Merrimack Unit 2
YEAR
Capacity Factor
2008 73.0%
2009 56.1%
2010 66.4%

From:

king.john@epamail.epa.gov
To:
Allan G. Palmer/NUS@NU
Date:
12/14/2010 04:18 PM
Subject:
Re: Merrimack
Station Capacity Factor

Last three years please ... 2008, 2009, 2010.

Thank you, JPK

From: palmeag@nu.com

To: John King/R1/USEPA/US@EPA

Date: 12/14/2010 04:11 PM

Subject: Re: Merrimack Station Capacity Factor

Any particular time frame?

From: king.john@epamail.epa.gov
To: Allan G. Palmer/NUS@NU
Date: 12/07/2010 04:11 PM
Subject: Merrimack Station Capacity Factor

Allan,

Is the Station's Capacity Factor a number you can provide or is it a closely held corporate secrete?

Thank you, John

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any action based on its contents, other than for its intended purpose, is strictly prohibited. If you have received this e-mail in error, please notify the sender immediately and delete it from your system. Any views or opinions expressed in this e-mail are not necessarily those of Northeast Utilities, its subsidiaries and affiliates (NU). E-mail transmission cannot be guaranteed to be error-free or secure or free from viruses, and NU disclaims all liability for any resulting damage, errors, or omissions.



{In Archive} Re: Merrimack Station Capacity Factors

palmeag to: John King

12/16/2010 10:49 AM

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To: John King/R1/USEPA/US@EPA
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Thank you, John
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From: palmeag@nu.com
Date: 12/15/2010 06:58PM

Subject: Re: Merrimack Station Capacity Factor

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YEAR

Capacity Factor

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2010 65.6%

Merrimack Unit 2

YEAR

Capacity Factor

2008 73.0%

2009 56.1%

2010 66.4%

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Allan G. Palmer/NUS@NU

Date:

12/14/2010 04:18 PM

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Last three years please ... 2008, 2009, 2010.

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{In Archive} Re: Merrimack Station Capacity Factor

John King to: palmeag

12/16/2010 08:48 AM

From: John King/R1/USEPA/US
To: palmeag@nu.com
Archive: This message is being viewed in an archive.

Allan,

Thank you for reminding me what Paul Basiliere question was. Since modern instrumentation allows sampling to be done to the millisecond, I have to discuss the sampling period with NHDES. pH limits are a State requirement, so NHDES needs to have an opportunity to provide input. Do you want "continuous monitoring" defined in the draft permit?

John

-----palmeag@nu.com wrote: -----

To: John King/R1/USEPA/US@EPA
From: palmeag@nu.com
Date: 12/15/2010 06:58PM
Subject: Re: Merrimack Station Capacity Factor

So what exactly got your undies in a bunch that we didn't address in the table anyways? Boron? Certainly not calcium, sodium or magnesium. Someone really see an issue developing with titanium, vanadium or yttrium? Really, yttrium? Cobalt, that must be it, someone thinks we're going to turn the river water blue.

Paul Basiliere's question is "what does continuous mean?" If we're required to measure pH continuously, how frequent are the readings supposed to be?

I'll call you tomorrow.

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{In Archive} Re: Merrimack Station Capacity Factor

John King to: palmeag

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{In Archive} Re: Merrimack Station Capacity Factor
palmeag to: John King

12/15/2010 07:01 PM

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To: John King/R1/USEPA/US@EPA

History: This message has been replied to and forwarded.

Archive: This message is being viewed in an archive.

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John King to: palmeag

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To: palmeag@nu.com
Archive: This message is being viewed in an archive.

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palmeag Any particular time frame? From: king.john@ep... 12/14/2010 04:11:30 PM

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