

**IN THE MATTER OF  
THE QUEENSLAND FLOODS COMMISSION OF INQUIRY**

**A COMMISSION OF INQUIRY UNDER THE  
COMMISSIONS OF INQUIRY ACT 1950**

**AND PURSUANT TO  
COMMISSIONS OF INQUIRY ORDER (No. 1) 2011**

**EIGHTH STATEMENT OF JOHN TIBALDI**

On the 13<sup>th</sup> day of September 2011 I, John Tibaldi, of C/- 240 Margaret Street, Brisbane, state on oath:

1. I am currently employed by Queensland Bulk Water Supply Authority (*Seqwater*) as Principal Engineer, Dam Safety.
2. This statement is made in response to the requirement to provide statement issued by the Queensland Floods Commission of Inquiry on 22 August 2011 (*Requirement*).

**Interactions with staff**

3. Except as discussed in paragraph 6 below, I cannot recall having any personal interaction with officers or representatives of the operators of Wivenhoe Power Station and Splyard Creek Dam while acting as a flood engineer during the flood events which occurred between 1 October 2010 and 31 March 2011.
4. Except as set out in paragraph 6 below, I also cannot recall any personal interaction with officers or representatives of the operators of the Wivenhoe Power Station outside flood events since January 2011.
5. I do recall some brief discussions with a representative of the operator of the Wivenhoe Power Station during the last manual review in relation to the point at which the power station

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Filed on behalf of: Queensland Bulk Water Supply Authority trading as Seqwater

**Allens Arthur Robinson**

Lawyers  
Riverside Centre  
123 Eagle Street  
Brisbane QLD 4000

DX 210 Brisbane  
Tel (07) 3334 3000 Fax (07) 3334 3444  
Ref MGI:120128021

sfwb A0118683595v1 120128021



becomes adversely impacted by the Wivenhoe Dam lake level. I recall that this was at a level greater than EL 74.0 metres.

6. I have received some emails from representatives of the operator of Wivenhoe Power Station between 1 October 2010 and 31 March 2011 providing information on projected pump volumes. These emails were sent on an irregular basis. Attached to this statement and marked "JT-1" is a bundle of copies of these emails which I have been able to locate.

**Opinions**

7. My opinion is that it would be sensible for the Wivenhoe Power Station and Splityard Creek Dam to operate under the direction of the Flood Operations Centre when the Wivenhoe Dam lake level exceeds EL 72.0 metres.
8. In theory, under certain circumstances releases from Splityard Creek Dam into Wivenhoe Dam could be the difference between the triggering or non-triggering of a Wivenhoe Dam fuse plug embankment.
9. For this reason, from a flood mitigation perspective, the Duty Flood Engineer in the Flood Operations Centre would be best placed to direct the operation of Splityard Creek Dam during a flood event impacting Wivenhoe Dam when the Wivenhoe Dam lake level exceeds EL 72.0 metres. This would prevent water being released from Splityard Creek Dam into Wivenhoe Dam during period of high inflows, unless deemed appropriate by the Flood Operations Centre.

**SWORN** by **JOHN TIBALDI** on the 13<sup>th</sup> day of September 2011 at Brisbane in the presence of:

  
Deponent

  
Solicitor

**IN THE MATTER OF  
THE QUEENSLAND FLOODS COMMISSION OF INQUIRY**

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**EIGHTH STATEMENT OF JOHN TIBALDI**

**INDEX OF EXHIBITS**

<b>Exhibit</b>	<b>Document</b>
JT-1	Bundles of emails

*JT*

9/29/10

From: Rob Drury [REDACTED]  
 Sent: Wednesday, 29 September 2010 3:33 PM  
 To: Ayre, Rob; John Tibaldi; Ruffini John; Terry Malone  
 Subject: FW: Operating Strategy for Somerset/Wivenhoe  
 As per our discussions today, we will now

1. Open regulator 12 100% between 6am and 4pm Thursday, Friday, Saturday and Sunday. This should see the water level at Somerset return to about EL 99 by Sunday afternoon. We will close earlier if it reaches RL99 before then.
2. Keep gates and regulator closed at Wivenhoe for this period. This may result in Wivenhoe reaching close to or just over EL 67 by Sunday afternoon, depending on expected inflow over the next few days.
1. If Wivenhoe does exceed EL 67 by Monday morning, run the Hydro at max (about 800 to 1200ML/d) for a few days until the water level returns to EL 67, if necessary the regulator can also be used. This assumes the prediction is that Wivenhoe will not reach the trigger level.
2. Contact Tarong Energy at Wivenhoe Power Station to ask them to advise the Duty Engineers when they take or release water to Wivenhoe.

Rob

Robert Drury  
 Dam Operations Manager  
 Water Delivery  
 Queensland Bulk Water Supply Authority trading as Seqwater

Seqwater\_No-Lifeguards-Here\_email\_strap

cid:image001.png@01CA24E1.BE

Wivenhoe Dam, Brisbane Valley Highway, via Fernvale Q4306 Australia  
 [REDACTED] Fernvale QLD 4306  
 Website | [www.seqwater.com.au](http://www.seqwater.com.au)

Important information: This email and any attached information is intended only for the addressee and may contain confidential and/or privileged information. If you are not the addressee, you are notified that any transmission, distribution, or other use of this information is strictly prohibited. The confidentiality attached to this email is not waived, lost or destroyed by reasons of mistaken delivery to you. If you have received this email in error please contact the sender immediately and delete the material from your email system. QLD Bulk Water Supply Authority ABN75450239876 (Trading as Seqwater).

**From:** Lupulescu, Sorin [REDACTED]  
**Sent:** Monday, 4 October 2010 4:34 PM  
**To:** Rob Drury  
**Cc:** Ayre, Rob; Terry Malone; John Tibaldi; Ruffini, John  
**Subject:** RE: Duty Engineers

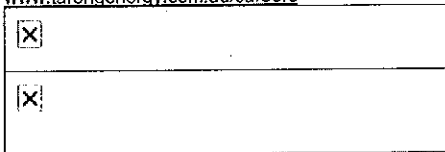
This email is to be read subject to the email disclaimer located at <http://www.tarongenergy.com.au/EmailDisclaimer.aspx>

Received now, Rob, thank you. We'll organise for a direct link with your guys.  
Sorin

By the way, there are no planned hydromachine operations until a pump later this week for a 500-600 megalitres "withdrawal".

**Sorin Lupulescu**  
**Wivenhoe Power Station Manager**  
**Tarong Energy Corporation**

[REDACTED]  
PO Box 38, Fernvale, QLD 4306  
[www.tarongenergy.com.au](http://www.tarongenergy.com.au)  
[www.tarongenergy.com.au/careers](http://www.tarongenergy.com.au/careers)



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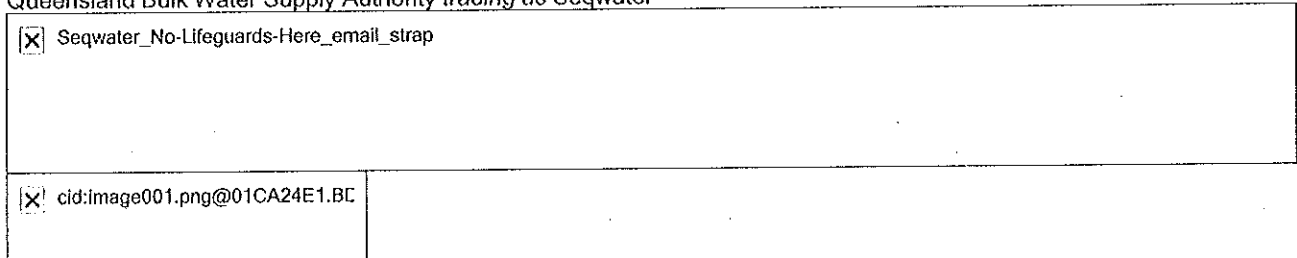
**From:** Rob Drury [REDACTED]  
**Sent:** Monday, 4 October 2010 6:43 AM  
**To:** Lupulescu, Sorin  
**Cc:** [REDACTED] Terry Malone; John Tibaldi; Ruffini, John  
**Subject:** FW: Duty Engineers

Apologies Sorin,  
The attachment should have had the 4 names above in it as email addresses but doesn't always work as a cut and paste.

The 4 emails I c/c'd are the ones we would appreciate if your duty officer could email when going to make releases or withdraw water from Wivenhoe. They are our 4 flood duty engineers.

Many thanks,  
Rob.

**Robert Drury**  
**Dam Operations Manager**  
**Water Delivery**  
**Queensland Bulk Water Supply Authority trading as Seqwater**



[REDACTED]  
Wivenhoe Dam, Brisbane Valley Highway, via Fernvale Q4306 Australia  
PO Box 37, Fernvale QLD 4306  
Website | [www.seqwater.com.au](http://www.seqwater.com.au)

---

**From:** Rob Drury

**Sent:** Friday, 1 October 2010 2:27 PM  
**To:** 'Lupulescu, Sorin'  
**Subject:** FW: Duty Engineers

Sorin,  
Attached is a contact list for emails regarding your pumping if you can possibly arrange.  
It is 4 emails in a list if your operator can paste it into his contact list. If not maybe just copy the 4 emails in.

Any problems let me know.

40mm left til full supply.

Many thanks.

Rob

**Robert Drury**  
Dam Operations Manager  
Water Delivery  
Queensland Bulk Water Supply Authority *trading as Seqwater*

Seqwater\_No-Lifeguards-Here\_email\_strap

cid:image001.png@01CA24E1.BE

Wivenhoe Dam, Brisbane Valley Highway, via Fernvale Q4306 Australia  
PO Box 37, Fernvale QLD 4306  
Website | [www.seqwater.com.au](http://www.seqwater.com.au)

---

**From:** Terry Malone  
**Sent:** Monday, 27 September 2010 12:36 PM  
**To:** Rob Drury  
**Subject:** Duty Engineers

Rob

Paste this into your personal contacts

**Terry Malone**  
Principal Hydrologist  
Queensland Bulk Water Supply Authority *trading as Seqwater*

cid:image001.png@01C99019.43

Level 3, 240 Margaret St, Brisbane City QLD 4000 Australia  
PO Box 16146, City East QLD 4002

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**From:** Lupulescu, Sorin [REDACTED]  
**Sent:** Thursday, 7 October 2010 6:25 PM  
**To:** Rob Drury  
**Cc:** Ayre, Rob; Terry Malone; John Tibaldi; Ruffini, John  
**Subject:** RE: Duty Engineers

This email is to be read subject to the email disclaimer located at <http://www.tarongenergy.com.au/EmailDisclaimer.aspx>

Rob, gentlemen, sorry about the delay - we're all go now. We'll monitor the way this works. Please let us know of any concerns.

Kind regards

Sorin

-----Original Message-----

**From:** \_Tarong DOI  
**Sent:** Thursday, 7 October 2010 4:30 PM  
**To:** \_Tarong DOI Alert  
**Cc:** Barrie, Bryan  
**Subject:** DOI Alert - Operating Instruction for Wivenhoe Power Station ...  
**Author :** Bryan Barrie  
**Plant :** Wivenhoe Power Station

**From To :** 7/10/2010 5:00:00 PM - 30/10/2010 5:00:00 PM **Details :** As mentioned, we have received a request from SEQ Water to inform their Flood Engineers of any upcoming "movements" of water from Wivenhoe Power Station. Please follow the following protocol where notice to the below email addresses is necessary. These water movements are important with Wivenhoe dam at 101% and may trigger a response from SEQ water to release water from the dam where levels rise or reduce releases based on fall of the dam level. Notification of actual water movement is an early warning of dam level movements for SEQ water.

Where pump or generate is required please email the entire list below with an estimate of the actual flows based on the examples provided by Sorin.

EMAIL LIST:



+ Wivenhoe On-Call Officers from Tarong Energy email listing.

Examples:

Example 1: upcoming pumping tonight for two hours, single pump.  $0.2 \text{ ML/s (pump capacity)} \times 3600 \text{ sec/hr} \times 2 \text{ hours} = \sim 1,500\text{ML}$  withdrawal from Wivenhoe Dam.

E-mail to say only "1,500ML withdrawal tonight"

Example 2: generation just started, one unit at 200MW for what looks like 3 hours.  $4\text{ML/MWh (approx turbine water rate)} \times 200\text{MW} \times 3 \text{ hours} = \sim 2,400\text{ML}$ .

E-mail to read "2,400ML released"

The actual time for pump can be taken from the pre-dispatch and will be fairly accurate, the time expected when in generate may be best obtained from the dirty market trader.

The email should be forwarded only where there is some certainty off water movements for example immediately after pump or generate is activated.

---

**From:** Rob Drury [REDACTED]  
**Sent:** Monday, 4 October 2010 6:43 AM  
**To:** Lupulescu, Sorin  
**Cc:** [REDACTED] Terry Malone; John Tibaldi; Ruffini, John  
**Subject:** FW: Duty Engineers

Apologies Sorin,

The attachment should have had the 4 names above in it as email addresses but doesn't always work as a cut and paste.

The 4 emails I c/d are the ones we would appreciate if your duty officer could email when going to make releases or withdraw water from Wivenhoe. They are our 4 flood duty engineers.

Many thanks,  
Rob.

Robert Drury  
Dam Operations Manager  
Water Delivery  
Queensland Bulk Water Supply Authority *trading as Seqwater*

<input checked="" type="checkbox"/> Seqwater_No-Lifeguards-Here_email_strap	
<input checked="" type="checkbox"/> cid:image001.png@01CA24E1.BC	[REDACTED]

Wivenhoe Dam, Brisbane Valley Highway, via Fernvale Q4306 Australia  
PO Box 37, Fernvale QLD 4306  
Website | [www.seqwater.com.au](http://www.seqwater.com.au)

---

**From:** Rob Drury  
**Sent:** Friday, 1 October 2010 2:27 PM  
**To:** 'Lupulescu, Sorin'  
**Subject:** FW: Duty Engineers

Sorin,

Attached is a contact list for emails regarding your pumping if you can possibly arrange.

It is 4 emails in a list if your operator can paste it into his contact list. If not maybe just copy the 4 emails in.

Any problems let me know.

40mm left til full supply.

Many thanks.

Rob

Robert Drury



Dam Operations Manager  
Water Delivery  
Queensland Bulk Water Supply Authority *trading as Seqwater*

Seqwater\_No-Lifeguards-Here\_email\_strap

cid:image001.png@01CA24E1.BE

Wivenhoe Dam, Brisbane Valley Highway, via Fernvale Q4306 Australia  
PO Box 37, Fernvale QLD 4306  
Website | [www.seqwater.com.au](http://www.seqwater.com.au)

---

**From:** Terry Malone  
**Sent:** Monday, 27 September 2010 12:36 PM  
**To:** Rob Drury  
**Subject:** Duty Engineers

Rob

Paste this into your personal contacts

Terry Malone  
Principal Hydrologist  
Queensland Bulk Water Supply Authority *trading as Seqwater*

cid:image001.png@01C99019.43f

Level 3, 240 Margaret St, Brisbane City QLD 4000 Australia  
PO Box 16146, City East QLD 4002

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tarongenergy20101010.txt

From: Ryan, Mark [REDACTED]  
Sent: Sunday, 10 October 2010 9:34 PM  
To: John Ruffini; John Tibaldi; Ayre, Rob; Terry Malone; Wivenhoe  
On-Call Officers  
Cc: Iszlaub, Rod  
Subject: Wivenhoe Power Station Pumping 11/10/10

This email is to be read subject to the email disclaimer located at  
<http://www.tarongenergy.com.au/EmailDisclaimer.aspx>  
Gents

Wivenhoe power station will be pumping approx. 750 ML on 11/10/10 between 0300  
and 0400 hrs.

Regards Mark Ryan

Production Technician - Level 3  
Generation Operations - Production D Shift Tarong Energy Corporation

[REDACTED] Nanango, QLD 4615  
[www.tarongenergy.com.au](http://www.tarongenergy.com.au) [www.tarongenergy.com.au/careers](http://www.tarongenergy.com.au/careers)

**From:** Lupulescu, Sorin [REDACTED]  
**Sent:** Wednesday, 20 October 2010 4:45 PM  
**To:** jtibaldi@seqwater.com.au; Terry Malone; Ayre, Rob; Ruffini, John  
**Cc:** Wivenhoe On-Call Officers  
**Subject:** Wivenhoe Pumped Storage Hydro - late notification of pumping

This email is to be read subject to the email disclaimer located at <http://www.tarongenergy.com.au/EmailDisclaimer.aspx>

Gentlemen

Please accept my apologies for the late notification.

**Date:** Wed 20 Oct 2010, 0400hrs - 0600hrs  
**Volume lifted from Lake Wivenhoe to Splityard Creek Dam:** 1,250ML  
**Release planned for:** no release

Regards  
Sorin

**Sorin Lupulescu**  
**Wivenhoe Power Station Manager**  
**Tarong Energy Corporation**

[REDACTED]  
PO Box 38, Fernvale, QLD 4306  
[www.tarongenergy.com.au](http://www.tarongenergy.com.au)  
[www.tarongenergy.com.au/careers](http://www.tarongenergy.com.au/careers)



**From:** Lupulescu, Sorin [REDACTED]  
**Sent:** Thursday, 28 October 2010 8:30 AM  
**To:** [REDACTED] Terry Malone; Ayre, Rob; Ruffini, John  
**Cc:** Wivenhoe On-Call Officers  
**Subject:** RE: Wivenhoe Pumped Storage Hydro - late notification of water release

This email is to be read subject to the email disclaimer located at <http://www.tarongenergy.com.au/EmailDisclaimer.aspx>

Gentlemen

I have to apologise again for the delay in supplying the data.

**Date:** yesterday, Wed 27 Oct 2010, 11:00 - 13:00  
**Volume released from Splityard Creek Dam into Lake Wivenhoe :** 1,450ML

Regards  
Sorin

**Sorin Lupulescu**  
**Wivenhoe Power Station Manager**  
**Tarong Energy Corporation**

[REDACTED]  
PO Box 38, Fernvale, QLD 4306  
[www.tarongenergy.com.au](http://www.tarongenergy.com.au)  
[www.tarongenergy.com.au/careers](http://www.tarongenergy.com.au/careers)



---

**From:** Lupulescu, Sorin  
**Sent:** Wednesday, 20 October 2010 4:45 PM  
**To:** [REDACTED] Ruffini, John  
**Cc:** Wivenhoe On-Call Officers  
**Subject:** Wivenhoe Pumped Storage Hydro - late notification of pumping

Gentlemen

Please accept my apologies for the late notification.

**Date:** Wed 20 Oct 2010, 0400hrs - 0600hrs  
**Volume lifted from Lake Wivenhoe to Splityard Creek Dam:** 1,250ML  
**Release planned for:** no release

Regards  
Sorin

**Sorin Lupulescu**  
**Wivenhoe Power Station Manager**  
**Tarong Energy Corporation**

[REDACTED]  
PO Box 38, Fernvale, QLD 4306  
[www.tarongenergy.com.au](http://www.tarongenergy.com.au)  
[www.tarongenergy.com.au/careers](http://www.tarongenergy.com.au/careers)  
<< OLE Object: Picture (Metafile) >>  
<< OLE Object: Picture (Metafile) >>

tarongenergy20101028.txt

From: Beresford, Tony [REDACTED]  
Sent: Thursday, 28 October 2010 4:45 PM  
To: John Ruffini; John Tibalbi; Ayre, Rob; Terry Malone  
Cc: Iszlaub, Rod; Pantlin, Gary; Lupulescu, Sorin; Barrie, Bryan  
Subject: Generation run at wivenhoe from 5pm till 5:30 this afternoon.

Importance: High

This email is to be read subject to the email disclaimer located at  
<http://www.tarongenergy.com.au/EmailDisclaimer.aspx>  
This email is to inform the required people of a run of the wivenhoe  
PowerStation and a water flow into the dam from split yard creek.

Unit 2 at 150MW for what looks like 1/2 hour. 4ML/Mwh (approx turbine water  
rate) x 150MW x .5 hours = 300ML.

tarongenergy20101101 (2).txt

From: Pantlin, Tony [REDACTED]  
Sent: Monday, 1 November 2010 7:39 PM  
To: Schoenfisch, Errol; [REDACTED]  
tmalone@seqwater.com.au; Ayre, Rob; john.ruffini@nrm.qld.gov.au  
Subject: wivenhoe Double Pump tonight between 03:00 and 05:00.

This email is to be read subject to the email disclaimer located at  
<http://www.tarongenergy.com.au/EmailDisclaimer.aspx>  
Gents,

1,800 ML withdrawal tonight.

Regards  
Tony Pantlin

tarongenergyv20101108 (2).txt

From: Williams, Graham [REDACTED]  
Sent: Monday, 8 November 2010 4:51 AM  
To: Ayre, Rob  
Subject: FW: Wivenhoe Powerstation Pumping

This email is to be read subject to the email disclaimer located at  
<http://www.tarongenergy.com.au/EmailDisclaimer.aspx>

720Ml taken from wivenhoe tonight

**From:** Barry, Michael [REDACTED]  
**Sent:** Saturday, 13 November 2010 9:46 PM  
**To:** John Ruffini [REDACTED]; John Tibaldi [REDACTED]; Ayre, Rob; Terry Malone [REDACTED]; Wivenhoe On-Call Officers  
**Subject:** Wivenhoe Pumping for 14.11.2010

**Importance:** High

This email is to be read subject to the email disclaimer located at <http://www.tarongenergy.com.au/EmailDisclaimer.aspx>

Please be advised of upcoming pumping tomorrow (14.11.2010) for Wivenhoe:

04:00 - 05:00: Wivenhoe Unit 1 (1 hour).  
05:00 - 06:00: Wivenhoe Unit 2 (1Hour).

**Total:**  
"1440 ML withdrawal tomorrow morning"

**Michael Barry**  
Shift Co-ordinator  
Generation Operations - Production A Shift  
Tarong Energy Corporation

[REDACTED]  
PO Box 15, Nanango, QLD 4615  
[www.tarongenergy.com.au](http://www.tarongenergy.com.au)  
[www.tarongenergy.com.au/careers](http://www.tarongenergy.com.au/careers)

<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>



tarongenergy20101217.txt

From: Ryan, Mark [REDACTED]  
Sent: Friday, 17 December 2010 5:09 PM  
To: John Ruffini; John Tibaldi; Ayre, Rob; Terry Malone; Wivenhoe  
On-Call Officers  
Subject: Wivenhoe generation

This email is to be read subject to the email disclaimer located at  
<http://www.tarongenergy.com.au/EmailDisclaimer.aspx>  
Gents

Wivenhoe power station dropped approx. 3300 ML during generation from splityard  
creek into the dam proper 17/12/10 between 1200 and 1700 hrs.

Mark Ryan  
Production Technician - Level 3  
Generation Operations - Production D Shift Tarong Energy Corporation

[REDACTED] [REDACTED] Nanango, QLD 4615  
[www.tarongenergy.com.au](http://www.tarongenergy.com.au) [www.tarongenergy.com.au/careers](http://www.tarongenergy.com.au/careers)

tarongenergy20101219.txt

From: Andrews, Glen [REDACTED]

Sent: Sunday, 19 December 2010 4:02 AM

To:

Cc: [REDACTED] Ayre, Rob; [REDACTED]

This email is to be read subject to the email disclaimer located at  
<http://www.tarongenergy.com.au/EmailDisclaimer.aspx>  
2520ML withdrawal tonight

**From:** Borello, Tony [REDACTED]  
**Sent:** Thursday, 23 December 2010 10:18 AM  
**To:** 'John Tibaldi'; 'Terry Malone'; Ayre, Rob; 'John Ruffini'; Wivenhoe On-Call Officers  
**Cc:** Gusthart, Steve  
**Subject:** Wivenhoe Generate 23/12/2010

This email is to be read subject to the email disclaimer located at <http://www.tarongenergy.com.au/EmailDisclaimer.aspx>

Hi All,

Approx 3200MI of water to be released today

**From:** Borello, Tony [REDACTED]  
**Sent:** Friday, 24 December 2010 9:46 AM  
**To:** 'John Tibaldi:; 'Terry Malone:; Ayre, Rob; 'John Ruffini:; Wivenhoe On-Call Officers;  
[REDACTED]  
**Cc:** Gusthart, Steve  
**Subject:** Wivenhoe Generate 24/12/2010

This email is to be read subject to the email disclaimer located at <http://www.tarongenergy.com.au/EmailDisclaimer.aspx>

Hi All,

Approx 3200MI of water to be released today

**From:** Atkinson, Paul [REDACTED]  
**Sent:** Monday, 27 December 2010 9:07 PM  
**To:** [REDACTED] Ayre, Rob; [REDACTED]  
[REDACTED]

**Subject:** Wivenhoe Power Station

This email is to be read subject to the email disclaimer located at <http://www.tarongenergy.com.au/EmailDisclaimer.aspx>

FYI Wivenhoe unit 2 pumping 0200 - 0530 approx 2500ML withdrawal from Wivenhoe

**From:** Rankine, Ian [REDACTED]  
**Sent:** Monday, 27 December 2010 12:56 AM  
**To:** [REDACTED] Ayre, Rob;  
[REDACTED] Wivenhoe On-Call Officers  
**Subject:** Wivenhoe Pumping 27\_12\_10

This email is to be read subject to the email disclaimer located at <http://www.tarongenergy.com.au/EmailDisclaimer.aspx>

Hi all,  
Wivenhoe has a pumping event tonight for 3 hours single pump which = 2160 ML. (approx)

Cheers, Ian

**Ian Rankine**  
**Assistant Operations Co-ordinator**  
**Generation Operations - Production B Shift**  
**Tarong Energy Corporation**

[REDACTED]  
PO Box 15, Nanango, QLD 4615  
[www.tarongenergy.com.au](http://www.tarongenergy.com.au)  
[www.tarongenergy.com.au/careers](http://www.tarongenergy.com.au/careers)

<input type="checkbox"/>
<input type="checkbox"/>

**From:** Findley, Daryl [REDACTED]  
**Sent:** Tuesday, 28 December 2010 11:34 PM  
**To:** Ayre, Rob  
**Subject:** FW: 29/12/2010 Wivenhoe pumping Unit 2.

This email is to be read subject to the email disclaimer located at <http://www.tarongenergy.com.au/EmailDisclaimer.aspx>

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**From:** Findley, Daryl  
**Sent:** Tuesday, 28 December 2010 11:32 PM  
**To:** Beater, Derick  
**Subject:** 29/12/2010 Wivenhoe pumping Unit 2.

Pumping 0200hrs to 0530hrs 29/12/2010  
Estimate 2520ML withdrawn tonight

**Daryl Findley**  
**Production Technician - Level 4**  
**Generation Operations - Production C Shift**  
**Tarong Energy Corporation**

[REDACTED]  
PO Box 15, Nanango, QLD 4615  
[www.tarongenergy.com.au](http://www.tarongenergy.com.au)  
[www.tarongenergy.com.au/careers](http://www.tarongenergy.com.au/careers)

<input type="checkbox"/>
<input type="checkbox"/>

**From:** Barry, Michael [REDACTED]  
**Sent:** Monday, 10 January 2011 5:40 PM  
**To:** John Ruffini [REDACTED]; John Tibaldi [REDACTED]; Ayre, Rob; SEQ; Terry Malone [REDACTED]; Wivenhoe On-Call Officers  
**Subject:** FW: Tarong Energy Wivenhoe 1 Generation.

This email is to be read subject to the email disclaimer located at <http://www.tarongenergy.com.au/EmailDisclaimer.aspx>

Update on previous communications below:

12:30: Wivenhoe 1 Generation one unit at 180MW for an estimated 4.5 hours. 4ML/MWh (approx turbine water rate) x 180MW x 4.5 hours = ~ 3240 ML.

**Michael Barry**  
**Shift Co-ordinator**  
**Generation Operations - Production A Shift**  
**Tarong Energy Corporation**

[REDACTED]  
PO Box 15, Nanango, QLD 4615  
[www.tarongenergy.com.au](http://www.tarongenergy.com.au)  
[www.tarongenergy.com.au/careers](http://www.tarongenergy.com.au/careers)

<input type="checkbox"/>
<input type="checkbox"/>

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**From:** Barry, Michael  
**Sent:** Monday, 10 January 2011 12:42 PM  
**To:** John Ruffini [REDACTED]; John Tibaldi [REDACTED]; Rob Ayre [REDACTED]; Terry Malone [REDACTED]; Wivenhoe On-Call Officers  
**Subject:** Tarong Energy Wivenhoe 1 Generation.

Wivenhoe 1 Generation just started one unit at 180MW for an estimated 2.5 hours. 4ML/MWh (approx turbine water rate) x 180MW x 2.5 hours = ~ 1800 ML.

**Michael Barry**  
**Shift Co-ordinator**  
**Generation Operations - Production A Shift**  
**Tarong Energy Corporation**

[REDACTED]  
PO Box 15, Nanango, QLD 4615  
[www.tarongenergy.com.au](http://www.tarongenergy.com.au)  
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tarongenergy20110110.txt

From: Mclean, Ian [REDACTED]  
Sent: Monday, 10 January 2011 4:08 PM  
To: [REDACTED]; Ayre, Rob; Ruffini, John; Terry Malone  
Cc: Wivenhoe On-Call Officers

This email is to be read subject to the email disclaimer located at  
<http://www.tarongenergy.com.au/EmailDisclaimer.aspx>  
Gentlemen

There will be a release of 4,000 ML from Splityard creek Dam to Wivenhoe Dam due  
to generation requirements, this generation will cease at 17:30

Regards

Ian Mclean  
Technical Employee Electrical  
Generation Operations - Production Wivenhoe Tarong Energy Corporation

[REDACTED]  
PO Box 38, Fernvale, QLD 4306  
[www.tarongenergy.com.au](http://www.tarongenergy.com.au)  
[www.tarongenergy.com.au/careers](http://www.tarongenergy.com.au/careers)

**From:** Barry, Michael [REDACTED]  
**Sent:** Monday, 10 January 2011 12:42 PM  
**To:** John Ruffini [REDACTED]; John Tibaldi [REDACTED]; Ayre, Rob; Terry Malone [REDACTED]; Wivenhoe On-Call Officers  
**Subject:** Tarong Energy Wivenhoe 1 Generation.

This email is to be read subject to the email disclaimer located at <http://www.tarongenergy.com.au/EmailDisclaimer.aspx>

Wivenhoe 1 Generation just started one unit at 180MW for an estimated 2.5 hours. 4ML/MWh (approx turbine water rate) x 180MW x 2.5 hours = ~ 1800 ML.

**Michael Barry**  
**Shift Co-ordinator**  
**Generation Operations - Production A Shift**  
**Tarong Energy Corporation**

[REDACTED]  
PO Box 15, Nanango, QLD 4615  
[www.tarongenergy.com.au](http://www.tarongenergy.com.au)  
[www.tarongenergy.com.au/careers](http://www.tarongenergy.com.au/careers)

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**From:** Jensen, Gary [REDACTED]  
**Sent:** Monday, 17 January 2011 10:04 PM  
**To:** [REDACTED] Ayre, Rob;  
[REDACTED]  
**Cc:** Ligasacchi, Mark; \_\_Tarong Production Shift Coordinators and AOC's  
**Subject:** Wivenhoe 2 unit - failed run to sync comp mode 17/01/2011.  
To all

At 21:40 1 Mega litre of water was discharged from Slityard creek dam into Wivenhoe dam during a failed attempt to get Wivenhoe 2 Unit from Stop onto synchronous condensor mode. No other actions on Wivenhoe station at this point of time.

Cheers  
Gary Jensen  
AOC  
Tarong Power Station

**From:** Baron, Harry [REDACTED]

**Sent:** Tuesday, 18 January 2011 10:48 PM

**To:** [REDACTED]; Ayre, Rob;

**Cc:** Ligasacchi, Mark

**Subject:** Wivenhoe power station No1 Unit pumping requirements for the 19/01/11  
5 Hours from 12 midnight to 0500 hours, 3600ML of water taken from dam.

**From:** Ryan, Eric [REDACTED]  
**Sent:** Tuesday, 25 January 2011 11:43 PM  
**To:** [REDACTED] Ayre, Rob;  
[REDACTED] Wivenhoe On-Call Officers; [REDACTED]

**Subject:** wivenhoe pumping 26\_1\_11  
Hi,  
wivenhoe pumping scheduled for this morning.  
2880MI withdrawn.

cheers.

**From:** Baron, Harry [REDACTED]  
**Sent:** Saturday, 29 January 2011 10:55 PM  
**To:** [REDACTED] Ayre, Rob;  
[REDACTED]  
**Cc:** Ligasacchi, Mark  
**Subject:** Wivenhoe No1 pump times for 30/01/11  
3.5 Hours from 0230 midnight to 0600 hours, 2520ML of water taken from dam.

**From:** Barry, Michael [REDACTED]  
**Sent:** Tuesday, 1 February 2011 8:32 PM  
**To:** John Ruffini [REDACTED]; John Tibaldi [REDACTED]; Ayre, Rob; SEQ; Terry Malone [REDACTED] Wivenhoe On-Call Officers  
**Subject:** 1 Unit Wivenhoe Pumping 02.02.2011

**Importance:** High

This email is to be read subject to the email disclaimer located at <http://www.tarongenergy.com.au/EmailDisclaimer.aspx>

Hi  
Pumping tonight: "4,320ML withdrawal tonight"

**Michael Barry**  
**Shift Co-ordinator**  
**Generation Operations - Production A Shift**  
**Tarong Energy Corporation**

[REDACTED]  
PO Box 15, Nanango, QLD 4615  
[www.tarongenergy.com.au](http://www.tarongenergy.com.au)  
[www.tarongenergy.com.au/careers](http://www.tarongenergy.com.au/careers)

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**From:** Borello, Tony [REDACTED]  
**Sent:** Tuesday, 1 February 2011 11:39 AM  
**To:** 'John Tibaldi'; 'Terry Malone'; Ayre, Rob; 'John Ruffini'; Wivenhoe On-Call Officers;  
[REDACTED]  
**Cc:** Gusthart, Steve  
**Subject:** Wivenhoe Generate 1/02/2011  
Hi All,

Approx 5000 MI of water to be released today



**From:** Barry, Michael [REDACTED]  
**Sent:** Wednesday, 2 February 2011 9:27 PM  
**To:** John Ruffini [REDACTED]; John Tibaldi [REDACTED]; Ayre, Rob; SEQ; Terry Malone [REDACTED]; Wivenhoe On-Call Officers  
**Cc:** Barrie, Bryan  
**Subject:** 1 Unit Wivenhoe Pumping 03.02.2011

**Importance:** High

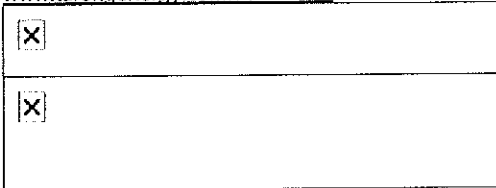
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Hi

Pumping tonight: "6,120ML withdrawal tonight"

**Michael Barry**  
**Shift Co-ordinator**  
**Generation Operations - Production A Shift**  
**Tarong Energy Corporation**

[REDACTED]  
PO Box 15, Nanango, QLD 4615  
[www.tarongenergy.com.au](http://www.tarongenergy.com.au)  
[www.tarongenergy.com.au/careers](http://www.tarongenergy.com.au/careers)



**From:** Borello, Tony [REDACTED]  
**Sent:** Wednesday, 2 February 2011 4:07 PM  
**To:** 'John Tibaldi'; 'Terry Malone'; Ayre, Rob; 'John Ruffini'; Wivenhoe On-Call Officers;  
[REDACTED]  
**Cc:** Gusthart, Steve  
**Subject:** Wivenhoe Generate 2/02/2011

This email is to be read subject to the email disclaimer located at <http://www.larongenergy.com.au/EmailDisclaimer.aspx>

Hi All,

Approx 6100 ML of water to be released today

**From:** Jensen, Gary [REDACTED]  
**Sent:** Thursday, 3 February 2011 9:58 AM  
**To:** [REDACTED] Ayre, Rob;  
[REDACTED]  
**Cc:** Lupulescu, Sorin; \_Tarong Production Shift Coordinators and AOC's; Scheers, Tony  
**Subject:** Wivenhoe Power Station generation run 03/02/2011

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Hello

Wivenhoe 2 unit will be generating from 12:00 midday until 18:00 today. Expected discharge from Splityard creek storage into Wivenhoe dam storage is 3700MI.

Thanks  
Gary Jensen  
AOC  
tarong Power Station

**From:** Borello, Tony [REDACTED]  
**Sent:** Thursday, 3 February 2011 8:31 PM  
**To:** 'John Tibaldi'; 'Terry Malone'; Ayre, Rob; 'John Ruffini'; Wivenhoe On-Call Officers;  
[REDACTED]  
**Cc:** Gusthart, Steve  
**Subject:** RE: Wivenhoe Pump 4/02/2011

This email is to be read subject to the email disclaimer located at <http://www.tarongenergy.com.au/EmailDisclaimer.aspx>

Updated, to 5600MI

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**From:** Borello, Tony  
**Sent:** Thursday, 3 February 2011 8:28 PM  
**To:** 'John Tibaldi'; 'Terry Malone'; 'Rob Ayre'; 'John Ruffini'; Wivenhoe On-Call Officers;  
[REDACTED]  
**Cc:** Gusthart, Steve  
**Subject:** Wivenhoe Pump 4/02/2011

Hi All,

Approx 4680 MI of water to be withdrawn this morning.

**From:** Borello, Tony [REDACTED]  
**Sent:** Thursday, 3 February 2011 8:28 PM  
**To:** 'John Tibaldi'; 'Terry Malone'; Ayre, Rob; 'John Ruffini'; Wivenhoe On-Call Officers;  
[REDACTED]  
**Cc:** Gusthart, Steve  
**Subject:** Wivenhoe Pump 4/02/2011

This email is to be read subject to the email disclaimer located at <http://www.tarongenergy.com.au/EmailDisclaimer.aspx>

Hi All,

Approx 4680 MI of water to be withdrawn this morning.

**From:** Jensen, Gary [REDACTED]  
**Sent:** Thursday, 3 February 2011 10:54 AM  
**To:** [REDACTED] Ayre, Rob;  
[REDACTED]  
**Cc:** Lupulescu, Sorin; \_Tarong Production Shift Coordinators and AOC's; Scheers, Tony  
**Subject:** Additional generation at Wivenhoe 03/02/2011

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Hello a  
Additional generation is to be carried out at Wivenhoe which is additional to my previous email. This generation will release an additional 1450Ml will be released from Splityard storage, into Wivenhoe storage, with this additional genertaion

**From:** Borello, Tony [REDACTED]  
**Sent:** Saturday, 5 February 2011 5:14 AM  
**To:** Borello, Tony; 'John Tibaldi:; 'Terry Malone:; Ayre, Rob; 'John Ruffini:; Wivenhoe On-Call Officers; [REDACTED]  
**Cc:** Gusthart, Steve  
**Subject:** Wivenhoe Pump 5/02/2011

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Hi All,

Approx 3960 MI of water to be withdrawn this morning.

**From:** Atkinson, Paul [REDACTED]  
**Sent:** Sunday, 6 February 2011 1:44 AM  
**To:** [REDACTED] Ayre, Rob; [REDACTED]  
[REDACTED]  
**Subject:** Wivenhoe power station

This email is to be read subject to the email disclaimer located at <http://www.tarongenergy.com.au/EmailDisclaimer.aspx>

FYI Wivenhoe unit 2 pumping 0400- 0630 approx 2500ML withdrawal from Wivenhoe

**Paul Atkinson**  
**Production Technician - Level 3)**  
**Generation Operations - Production C Shift**  
**Tarong Energy Corporation**

[REDACTED]  
PO Box 15, Nanango, QLD 4615  
[www.tarongenergy.com.au](http://www.tarongenergy.com.au)  
[www.tarongenergy.com.au/careers](http://www.tarongenergy.com.au/careers)

<input type="checkbox"/>
<input type="checkbox"/>



**From:** Jensen, Gary [REDACTED]  
**Sent:** Sunday, 6 February 2011 2:57 PM

[REDACTED]  
**Cc:** Lupulescu, Sorin; Barrie, Bryan  
**Subject:** Wivenhoe Power Station Pump 06/02/2011

This email is to be read subject to the email disclaimer located at <http://www.tarongenergy.com.au/EmailDisclaimer.aspx>

Hello  
Wivenhoe 2 unit Pump run this morning. From Wivenhoe dam storage to Splityard creek storage was 1800MI.

Thanks  
Gary Jensen  
AOC  
Tarong Power Station

**From:** Jensen, Gary [REDACTED]  
**Sent:** Monday, 7 February 2011 2:15 AM

[REDACTED]  
**Cc:** Lupulescu, Sorin; Barrie, Bryan  
**Subject:** Wivenhoe Power Station Pump 07/02/2011

This email is to be read subject to the email disclaimer located at <http://www.tarongenergy.com.au/EmailDisclaimer.aspx>

Hello  
Wivenhoe 1 unit Pump run this morning. From Wivenhoe dam storage to Splyard creek storage will be 1450ML.

Thanks  
Gary Jensen  
AOC  
Tarong Power Station

**From:** Jensen, Gary [REDACTED]

**Sent:** Tuesday, 15 February 2011 8:13 PM

[REDACTED]  
**Cc:** Lupulescu, Sorin; Barrie, Bryan; Green, Ray

**Subject:** Wivenhoe Power Station Pump 16/02/2011

This email is to be read subject to the email disclaimer located at <http://www.tarongenergy.com.au/EmailDisclaimer.aspx>

Hello

Wivenhoe 2 unit Pump run from 02:00 to 05:30 on 16/02/2011. Volume of water moved from Wivenhoe dam storage to Splityard creek storage will be 2600MI.

Thanks

Gary Jensen

AOC

Tarong Power Station

tarongenergy20110218.txt

From: Berthelsen, Peter [REDACTED]  
Sent: Friday, 18 February 2011 9:30 AM

[REDACTED]  
Cc: David, Philips; Lupulescu, Sorin; Johnson, Les; Lush, Trevor;

[REDACTED]  
Subject: Wivenhoe Power Station Operations

This email is to be read subject to the email disclaimer located at  
<http://www.tarongenergy.com.au/EmailDisclaimer.aspx>  
Gents,

Tarong Energy operators will no longer be issuing notification of operating activities of Wivenhoe Power Station since the level of Wivenhoe Dam is less than FSL.

Should you require these notifications to be continued, please confirm by return e-mail.

Regards,  
Peter Berthelsen  
Lead Engineer - Hydro  
Generation Operations - Production Wivenhoe Tarong Energy Corporation

Tel (07) [REDACTED] | Mob [REDACTED]  
[REDACTED] Fernvale, QLD 4306  
[www.tarongenergy.com.au](http://www.tarongenergy.com.au)  
[www.tarongenergy.com.au/careers](http://www.tarongenergy.com.au/careers)

tarongenergy20110218a.txt

From: Tunstall, Andrew [REDACTED]  
Sent: Friday, 18 February 2011 1:26 AM

[REDACTED]  
Subject: w/ho No1 pumping

This email is to be read subject to the email disclaimer located at  
<http://www.tarongenergy.com.au/EmailDisclaimer.aspx>  
Gents,

Approx 2880ML withdrawal tonight.

tarongenergy20110219.txt

From: Tunstall, Andrew

Sent: Saturday, 19 February 2011 3:58 AM

Subject: W/HoeNo2 Pumping

This email is to be read subject to the email disclaimer located at  
<http://www.tarongenergy.com.au/EmailDisclaimer.aspx>

Gents,

Approx 1440ML withdrawn from dam.