

SEQWATER'S 21 MARCH 2013 SUBMISSION / RESPONSE TO QCA REQUEST OF 19 MARCH 2013

21 March 2013

From: Colin Nicolson
Sent: Thursday, 21 March 2013 4:53 PM
To: Angus MacDonald
Cc: Damian Scholz
Subject: FW: potential question for Col (Central Brisbane WSS)

Hello Angus

Further to my emails below, I now have KWh/ML and \$/ML calculations for Clarendon Dam and Atkinson Dam. These are set out in the Appendix. Please note the following correction to earlier advice. The Redbank Creek pump station is not on tariff T22. It is on a non-regulated retail tariff with Origin due to its historically erratic consumption patterns.



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From: Colin Nicolson
Sent: Wednesday, 20 March 2013 12:25 PM
To: 'Angus MacDonald'
Cc: Damian Scholz
Subject: RE: potential question for Col (Central Brisbane WSS)

Angus,

Responses as per below.



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From: Angus MacDonald
Sent: Tuesday, 19 March 2013 3:57 PM
To: Colin Nicolson
Subject: RE: potential question for Col (Central Brisbane WSS)

QCA Question 1

Pie Creek - You have included the fixed charge in Pie Creek in the per ML variable charge. We get \$71/ML. You get \$74/ML – I think you have made a mistake. We provide for the fixed electricity costs in the fixed costs for the scheme.

Seqwater Response to Item 1

I deliberately included the service charge in the variable cost. Strictly speaking, it is a fixed cost so I am happy for it to be taken out and included in the tariff group fixed costs. It is a small number. When it is removed my unit rate reduces to \$73/ML. I think we are working off different volume assumptions which is why you get \$71/ML. On that point, I will get back to you soon with a proposal to vary the volume assumption upwards based on new information.

QCA Question 2

I thought you said that you would provide a \$(electricity cost)/ML for Central Lockyer? Can't see it. Or KWh/ML from which this can be derived... Please advise.

Seqwater Response to Item 2

I advised in my email that we are looking at whether we can calculate kWhr/ML for Clarendon and Atkinson Dams. It is in the sentence below "Hello Angus". I have just received the pumping volumes from Steve Pett and now we have to match them with the power bills to calculate a unit rate. I will get back to as soon as I have the results.

Angus MacDonald

Team Leader



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Appendix: Electricity Costs

Lake Clarendon

NB: Due to historical consumption this site is on a non-regulated retail tariff with Origin.

1. Determine kWh per ML Pumped		
Total kWh for period 8/10/10 - 1/4/11	634,388	kWh
Total ML pumped for period	21353	ML
kWh per ML pumped	30	kWh / ML
2. Determine unit cost \$/kWh		
	Peak	Offpeak
Peak-offpeak pumping	41%	59%
Tariffs (2012-13) \$/kWh	0.3329	0.0072
Variable electricity cost (pumped)	\$/ML	4.16

Atkinson Dam

Tariff: T22

1. Determine kWh per ML Pumped		
Total kWh for period 1/7/10 - 20/9/10	19,180	kWh
Total ML pumped for period	1816	ML
kWh per ML pumped	11	kWh / ML
2. Determine unit cost \$/kWh		
	Peak	Offpeak
Peak-offpeak pumping	35%	65%
Tariffs (2012-13) \$/kWh	0.202	0.18118
Variable electricity cost (pumped)	\$/ML	1.99