

A Report by Harry Perkins Perth, Australia using DCI-15

From: Steven Frost <steven.frost@perkinsfm.net>

Sent: Wednesday, 22 June 2022 11:30 AM

To: Andrew Coker <andrew@2plus.co.nz>

Cc: 'Gavin Cherrie' <gavin@2plus.co.nz>

Subject: 2Plus products - mechanical plant / energy and savings evaluation discussion

Hi Andrew,

We were actually just discussing the performance of the system last week noting how happy we have been with its performance. More than the energy / water saving the comments we have coming back from our chiller maintenance contractor is that the chiller tubes are cleaner and the little deposits on them are very soft. Our in-house technicians couldn't even remember when last they needed to do a water tower clean, noting that there was also no "smell" around the water towers which is quite common.

In term of providing real energy saving data, I'm not sure we would have anything valuable – as you may be aware we transitioned to a new BMS as the same time installing the DCI – great for us but not great in terms of an accurate case study. Our building has also undergone significant growth in terms of use so 50% increased occupancy that would have increased our base loads.

Having a quick look at our budget, I can see an overall change in our energy

\$481k 2019 DCI installed part way through this year

\$408K 2020

\$347k 2021

\$368k 2022

It did take some time for us to settle into the unit working and BK did some magic with our Catagreen after I delivered older ones to him in Singapore.

I'll have a look on our energy monitoring system and see if I can find some specific energy for our chillers – give me a few days for this. I will also include the reports / photos of our chiller tubes.

I would also welcome C&W to visit our facility – I think they have a Perth branch. My team of techs can only sing praise for the level of service we receive from your company and are perplexed why this is not installed everywhere, I guess it's a tough sell. Makes me laugh that people will bang solar up without a question but a technology like this that actually has a better payback period and arguably a better environmental impact takes so much work to convince people.

Give me a few days and I will see what data I can get.

Regards

Steven Frost

General Manager - Facilities

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Some Background Information

2Plus NZ Limited	: DCI Distributor in New Zealand
Andrew Coker	: Director of 2Plus NZ Limited
DCI commissioned date	: Dec 2019
BK	: Bee Keong, MD of Innovative Polymers Pte Ltd