

# CARBON ZERO

## Newsletter

### From the WLASS energy managers

Hi everyone, its almost a wrap for 2020, I'm sure we will all breathe a collective sigh of relief as we move into the holiday season and refresh ourselves for 2021.

We all know a lot can be gained by collaboration and its especially important when dealing with such a disruptive thing as climate change. In the New Year Kevin and I hope to create an informal forum across our Councils where we can share and discuss our progress towards meeting our climate and energy reduction goals. There is a lot to learn and take in and we think a forum will be a great way of leveraging knowledge and contacts across the Waikato Councils.

As always we look forward to your support in 2021 and wish you the best for the Festive Season.

Kind regards  
Martin Lynch and Kevin McGrath

### Around our Councils

Thames Coromandel has completed its FY19 carbon inventory and the next step is the development of a carbon reduction roadmap.

Hamilton City has appointed Charlotte Catmur as its Climate Change Officer. Her current focus is establishing a corporate governance framework for Climate Change. The first of two new energy efficient aeration blowers were installed at the city's wastewater treatment plant and staff were excited to report significant reductions in power use during the first trial.

Waikato Regional is completing an audit with Toitu for its FY20 carbon inventory and has reported a massive drop in air travel emissions! Its carbon reduction plan is on track with forecast.

Following its FY19 carbon inventory and carbon roadmap, Waikato District identified its key emission sources and has put forward specific projects to reduce these in the LTP.

Cost savings were identified at Waipa by changing day/night electricity tariffs to anytime. This will save around \$10,000 per year. Waipa is close to completing its FY20 carbon inventory.

Rotorua is embarking on the LED upgrade of their streetlight network that has been included into a longer term maintenance contract. Staff are also looking to extend the use of eBench to track key data streams to ultimately track carbon emissions continuously.

South Waikato are in the process of replacing their WWTP anaerobic digester and gas capture along with upgrading the blowers at the site.

Taupo DC have almost completed their first corporate Carbon Inventory and has set up an internal Sustainability Team. The demand management opportunity at two waste water sites is accumulating savings month on month with annual savings estimated to be \$28k.

### Latest Government Updates

<https://www.mfe.govt.nz/climate-change>

The Ministry for the Environment recently released "Our Atmosphere and Climate 2020" which discuss how, why and what is happening to our climate and how this is affecting our environment. The report warns to expect profound changes in NZ with temperature increases particularly in summer and autumn. The frequency of extreme rainfall, drought and wildfire risk will increase in many places. Its vitally important that we identify and understand the increased risk to our communities and develop a "climate change lens" across our activities.

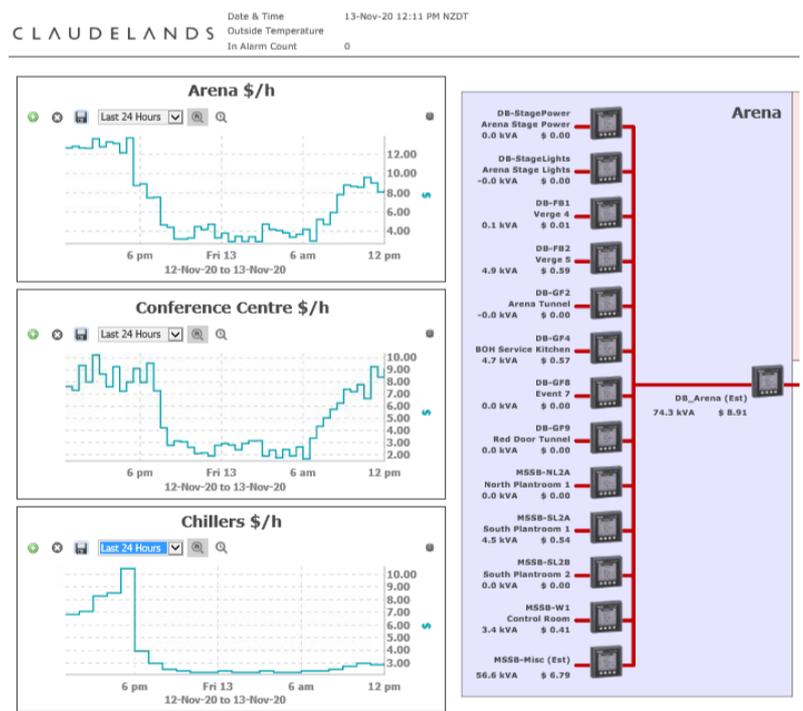
You may also have heard that NZ is the first country to require financial market participants to assess and report climate related financial risks. Currently most large NZ entities provide limited or no information on what climate change might mean to them. This information deficit is driving what the Productivity Commission has termed "an ongoing and systemic overvaluation of emissions-intensive activities". The goal of mandatory reporting will be to promote greater transparency and more accurate pricing signals in the market, incentivize low emissions investment, and create a level playing field for businesses already considering climate change in their longer term risks.

Check out NZ's Interactive Emissions Tracker which shows how our country's greenhouse gas emissions have changed over time by year, sector and type of gas. The tracker allows you to dig down into the detail and definitely worth a look.

[CLICK HERE](#)

### Claudeland's Event Centre Energy Cost Calculator

By combining real-time data from electricity meters with scheduled events, Claudeland Events Centre can accurately track energy costs as they occur. This has led to key insights into opportunities to reduce unnecessary energy use and minimise demand charges. All our Councils have at least several large energy intensive facilities and often data rich environments, are there similar opportunities at your sites? The graphic below shows part of the system whereby energy costs in the Arena and Conference Centre are monitored and the breakdown of those loads is shown by metered point.



### Of Interest

Yes, We Now Have 300kW Electric Vehicle Chargers!  
[CLICK HERE](#)

How Well Are We Communicating Risks and Impacts?  
[CLICK HERE](#)

Tool for Measuring Supply Change Emissions  
[CLICK HERE](#)

A Climate Change Toolkit for Directors  
[CLICK HERE](#)

ANZ Ceases Lending Money To Coal Businesses  
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### How can I find out more?

Email us on [info@waikatolass.co.nz](mailto:info@waikatolass.co.nz)

Key contacts are:  
Martin Lynch 021 501 637 [martin@energyadvisor.co.nz](mailto:martin@energyadvisor.co.nz)  
Kevin McGrath 027 272 2325 [kevin@powereng.co.nz](mailto:kevin@powereng.co.nz)