

# Excellence in Energy

Upcoming community meetings  
Kapuni Open Community meeting – Thurs 2<sup>nd</sup> Dec  
Tikorangi Open Community meeting – Thurs 9<sup>th</sup> Dec

## Community Update

Issue 30, September 2021



Todd's Big Ben rig at the Kapuni J wellsite.

## HELLO FROM TODD ENERGY...

Welcome to our September community update, I hope this finds you and your families well as the days get longer and we enter the spring season.

As I write this, New Zealand is in a Level 4 COVID lockdown. I wish everyone well and hope we can resolve this situation quickly as a team of five million. As an essential service provider, Todd continues to operate during lockdown, and staff vital to maintaining our gas supply are working with extra precautions. All other staff members that can work from home are working remotely.

In recent months, one of our main focuses has been preparing for the four-well drilling campaign at our Kapuni J site in south Taranaki. Our 'Big Ben' drilling rig was on site from June where it underwent maintenance and preparation work and, despite some delays due to the COVID lockdown, we successfully commenced the drilling of our first well in early September. Drilling and completion activities are planned to continue until early next year.

In June, we successfully completed the KW-03 produced water injection well at our Kapuni-9/16 wellsite on Lower Duthie Road. This well will provide us with additional produced water injection capacity required when the new Kapuni J wells commence producing.

Further north, Todd's Mangahewa and McKee teams have been busy with scheduled site maintenance and upgrades. The wells drilled earlier this year as part of our Mangahewa G drilling campaign are now producing and flowing well.

Over the coming months, our Environmental team will be working together with Todd staff, students and local hapū to plant native trees around our sites, and our Low Emissions Future team are working up some great emission reduction initiatives for the coming years, which are covered later in this newsletter.

With that, I would just like to remind you all, once again, of my commitment to ensuring our community members remain informed about Todd Energy's operations. If you have any questions or concerns about our activities, please contact the community team on **0800 001 007**.

Kind regards,  
Mark



## An update on our low emissions future

Todd's Low Emissions Future (LEF) team focusses on reducing the company's greenhouse gas emissions per unit of gas produced. The team has had a busy few months, planning and implementing projects, and working with local councils and other key stakeholders.

An important, recently completed project is the 2.1 MW solar installation near Todd Energy's Kapuni Production Station. The solar installation was completed by Sunergise, a subsidiary of the Todd Corporation, and currently generates enough electricity to help power approximately 520 average New Zealand homes.

We've also upgraded the Mangahewa Expansion Compression (MEC) system at our McKee Mangahewa Production Station to reduce fuel gas use, as well as installing a new condensate stabilisation column at our Kapuni Production station. This column utilises heat from reused steam instead of combusting natural gas. Combined, these two projects have reduced our emissions by more than 5,500 tonnes CO<sub>2</sub> equivalent (tCO<sub>2</sub>e) per year.

In July, Todd CEO Mark Macfarlane met with councilors from the New Plymouth and South Taranaki District Councils, sharing with them our work in the low emissions space. The South Taranaki District's Mayor and some councilors also visited Todd Energy's Kapuni J wellsite and Kapuni Production Station, as well as the new solar installation next door.

Looking ahead, we are now working to install electric drive compression at Todd's Mangahewa C and D sites, which will help reduce our emissions by around 9,700 tCO<sub>2</sub>e per year. We are also continuing with native planting at our sites in both north and south Taranaki, which will help to provide habitat for native animals as well as absorbing CO<sub>2</sub>.

We recently produced a factsheet sharing our journey toward a low emissions future. You can find a copy of this factsheet on the Todd Energy website. We look forward to sharing more updates in the future, as we continue our low emissions journey.



South Taranaki District Mayor and councilors on a visit to the Big Ben drilling rig at the Kapuni J site.



The 2.1 MW Kapuni solar power plant with construction crew in the foreground – 50 % of construction crew are local hapū members of Ngāti Manuhiakai and Ngāti Tu.

## Taranaki Retreat expands its services into central New Plymouth

Taranaki Retreat is an amazing local charity that aims to prevent suicide in the Taranaki community by providing a safe time out space for people to stay, get away from it all, and find support. Jamie and Suzy Allen established the Retreat at Hurford Road in 2014 and it is now expanding with the launch of a new community hub in the Metro Plaza buildings, located at 33 Devon Street West, New Plymouth.

"Our new hub will house a 'for koha' café, a creative space, three counselling support rooms and a Hope Centre drop-in information hub," says Retreat Executive Officer, Jamie.

"It'll be a place where, if things are going to custard for you, or if someone in your whānau is going through a tough time, you can sit down and talk to a peer support listener who can help guide you. The drop-in will be a lifeline for many and has been made possible through a community that truly pulls together – and Todd Energy's support is powerful expression of that."

Todd Energy is proud to support Taranaki Retreat's important work across the community. "One of our key principles at Todd Energy is to support community wellbeing – and this extends across Taranaki. Providing support for the expansion of the Retreat by sponsoring their power costs and being the principal partner for the Retreat's life coaching program enables the Retreat team to focus their energy where it counts the most",

says Jane Snowden, Todd's General Manager for People & Community Partnerships.

"We also cover the cost of delivering natural gas to the Retreat's main premises at Hurford Road and, in 2019, funded the purchase and installation of a defibrillator for the Retreat and its community. We look forward to watching The Retreat continue to make a positive impact on the Taranaki community."

If you need support from the Taranaki Retreat or if you would like to volunteer to get involved, please call **06 215 0993**; visit [www.taranakiretreat.org.nz](http://www.taranakiretreat.org.nz) or email [suzy@taranakiretreat.org.nz](mailto:suzy@taranakiretreat.org.nz)

# Helping the Mountainairs share the joy of sport with Taranaki kids

This year Taranaki's local basketball team, the Mountainairs, have been busy travelling around the region to teach primary school kids about the joy of basketball. An off-season initiative started by new Mountainairs GM, Mitchell Langton, the Mountainairs Community Basketball Programme aims to give school kids a chance to meet local sporting heroes, to try something new and gain confidence through sport.

The programme takes two to four Mountainairs players to schools around our Maunga for hour-long weekly coaching sessions.

"Our focus is giving back to our community," says Mitchell.

"We wanted the Mountainairs to become a real community team that gives back to our wonderful region in our off-season, as well as during the playing season. We decided to talk to schools and see what their appetite was for us to provide regular coaching spots for kids who may not otherwise get the chance to try basketball, and the uptake was great. We now have 25 schools around the region participating, and we have delivered coaching to over 1,300 kids so far."

This year, Todd Energy supported the programme by providing a lease vehicle to help the team to get around the region for their weekly trips to Stratford, Inglewood and Opunake.

"The programme is getting bigger and bigger, and we are grateful to Todd for providing this vehicle so we can get to all corners of our region. The team and I are really excited about helping kids to try something new, that they may not otherwise have been able to try," says Mitch.

"We now have kids from all around Taranaki coming up to watch our games and talking to players who helped coach them in the off-season, which gives us a real buzz. I'm really excited to see where this will all go and look forward to being able to give even more back to our community."



Mountainairs players with their new lease car provided by Todd.



Mountainairs coaching students at Matapu School as part of the Mountainairs Community Basketball Programme.

## Stratford's new St John Ambulance hub officially opened

On May 1<sup>st</sup> Stratford's new St John Ambulance hub was officially opened and it's now 100% operational. Part of recent Taranaki-wide St John development programme, the Stratford hub will service Stratford and central Taranaki communities. Built with support of Todd Energy, the hub joins the recently opened New Plymouth hub and the Hawera hub, which is currently under construction.

The new Stratford hub includes a full ambulance station with two ambulances, one operating 24/7 and one that is daytime only, and there is an Extended Care Paramedic onsite. The hub also accommodates other activities such as St John youth division and Taranaki District Area Committee meetings and First Aid training. It is also available for local groups to hire.

"Staff are enjoying the flow of the layout of the new building and the extra security it provides" says Ross Burns, Central Region Trust Board chair for St John. "We are thrilled with the new premises and are looking forward to having a positive impact on the central Taranaki community."

Todd has partnered with St John for this three-hub project, providing funding to ensure the construction of the hubs can be completed. "At Todd, we have a commitment to contributing to community wellbeing and economic growth, and our partnership with St John Ambulance is one we're particularly proud of," says Todd CEO Mark Macfarlane. "It is critically important that everyone around the region gets prompt first response health services and first aid training, no matter where they live, we are delighted to be able to help enable St John to provide this."



The new Stratford St John community hub.

## Helping fuel Victoria University's Geological Society field trip

In June, students and staff from Victoria University of Wellington's Geology Society (GeoSoc) came together with students from both Auckland and Waikato Universities to attend an educational field trip across the Rotorua region. The Society's five-day trip took them to the top of Mount Tarawera to learn about the Maunga's cultural and geological history, on a boat trip to Tuhua (Mayor Island), and to the Waihi gold mine and Waimangu volcanic valley.

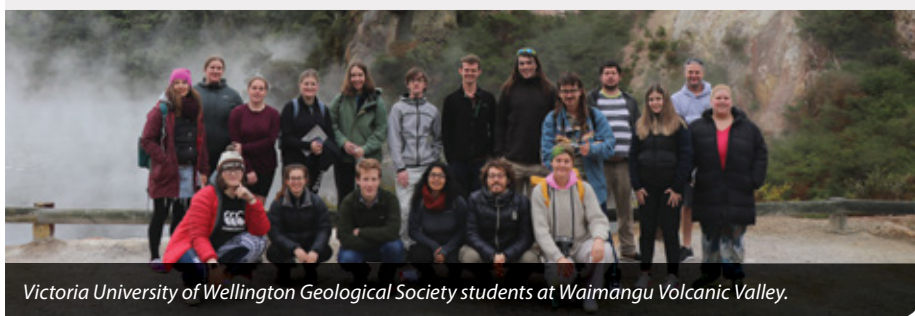
"This year's field trip allowed us all to see the rock formations we study in real life and gave us an opportunity to consider future career opportunities in the industry," says GeoSoc post graduate representative, Yaasameen Shalla.

"A highlight was the boat trip to Mayor Island, which we did with students from Auckland and Waikato universities. We landed for a couple of hours and the students were left to explore on their own. We left the Island in perfect conditions, just as the sun was starting to set, and we even saw dolphins around the boat, which was an amazing end to an amazing day."

Todd Energy was pleased to be able to support this year's field trip with a contribution toward travel costs.

"We really value being able to support students with their studies and enjoy knowing that our contribution toward this year's field trip helped to inspire the next generation of earth scientists and enthusiasts," says Hannah Heberley, Community Partnerships at Todd Energy.

"We wish the students all the best with their studies this year and will follow their future successes in the industry with interest."



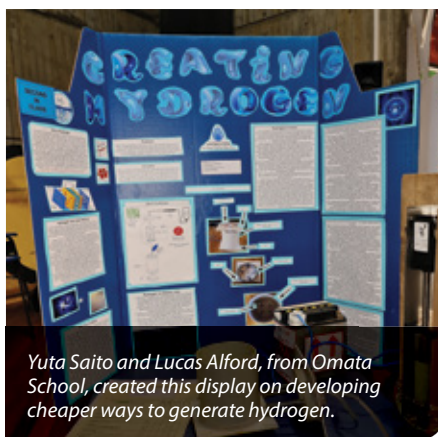
Victoria University of Wellington Geological Society students at Waimangu Volcanic Valley.

## Todd sponsors special prize at the WITT Science and Technology Fair

The WITT Taranaki Science and Technology Fair is an annual event where students can showcase their creative and scientific prowess. It's an opportunity for budding scientists to innovate, collaborate and conduct scientific analysis on real-world problems.

This year, Todd supported the fair by sponsoring a special prize for projects focusing on reducing CO<sub>2</sub> emissions. Four special prizes were awarded to children between years 7-10 from Omata School, Francis Douglas Memorial College and South Taranaki Home Educators. Winning projects focused on the development of solar ovens, hydrogen generators, mealworm frass fertilisers, and house insulation materials.

A big ka pai to all our budding scientists who got involved in the Fair this year; we look forward to seeing how you all change the world.



Yuta Saito and Lucas Alford, from Omata School, created this display on developing cheaper ways to generate hydrogen.

## Activity update

### McKee and Mangahewa Production Station (MMPS)

- September: K-200 engine and compressor upgrade

### McKee and Mangahewa Wellsites

- September: MHW D Coil Tubing well cleanouts
- September – November: McKee and Mangahewa wellsites wellhead maintenance
- September – November: Mangahewa wellsites wellhead maintenance
- October: MHW A & C coil tubing well cleanouts
- October: well conductor drilling at MHW G
- November: construction begins at MHW G wellsite

### Kapuni Gas Treatment Plant (KGTP)

- August – December: ongoing work on Benfield Train 3
- September: removal of one mothballed package boiler for refurbishment off site
- November: five day KPS and KGTP maintenance outage

### Kapuni Production Station (KPS)

- September: compressor overhaul
- September: hot water circulation complete
- September – November: KPS stabiliser commissioning
- November: LPG bullet re-commissioning

### Kapuni wellsites

- September: KAP J wellsite pipeline tie-ins
- September – December: KAP J drilling commences
- October: well intervention work on current wells
- October: compressor servicing

All care has been taken to ensure this information is correct at the time of publication.

