



Asset Management  
**FORUM | 2023**

**2ND NOVEMBER 2023**  
**CONNETICS, THE DEANS ROOM,**  
**11 ISLINGTON AVENUE CHRISTCHURCH**

**Timing: 8.30 am to 3.40pm**

**ABOUT THE PRESENTERS**

# ASSET MANAGEMENT FORUM 2023

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**9.00 am** Welcome from Peter Berry EEA Executive Director

**Opening Remarks from Waqar Qureshi** EEA Asset Management Group (AMG) Chair

**9.20am** Allen Davidson and Sheila Matthews — Electricity Authority

*Topic: EA priorities — Part 8 and Part 6*



Allen started in the heating, ventilation and air conditioning industry in the UK. He joined Housing New Zealand Corporation in 1999, where he spent five years working on the Building Code and energy policy. He worked at the Energy Efficiency & Conservation Authority from 2004 – 2021, specialising in the Building Code, renewable energy and building energy performance. Has been at the Electricity Authority for the last two years, focusing on Part 6 and distributed energy resource standards.



Sheila is Manager - Future Security and Resilience, at the Electricity Authority Te Mana Hiko. She holds an electrical engineering degree with an MBA, and has over 32 year's experience in the electricity industry. Prior to joining the Authority, she worked at Transpower for over 19 years in the Protection and Automation area, as an engineer and then led the team till she left at the start of this year.

She has also worked in the distribution sector and with engineering consultancies. In her current role, her team is focussed on work to ensure the power system remains secure and resilient as New Zealand transitions towards a low-emissions economy.

**10.00am** Sean McCready — Commerce Commission

*Topic: Asset management priorities of the Commission*



Sean is a Principal Adviser – Engineer for the Commerce Commission providing engineering advice to commissioners and for the development of policy.

Sean has held engineering and commercial roles in the power generation and transmission industry in New Zealand.

**10.40am** MORNING TEA

**11.00am** Feng Wu — Horizon Networks

*Topic: Asset Management—ISO 55001*



Feng is the General Manager Network for Horizon Networks. He has over 10 years of experience in the transmission and distribution sector in New Zealand. Feng was the Asset and Innovation Manager at Horizon prior to taking up his current role in late 2022 and was involved in developing the asset management systems and ISO55001 accreditation journey.

Feng is a chartered professional engineer and holds a PMP certification.

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11.30am

## Panel Discussion — ISO 55001

**Feng Wu** — Horizon Networks / **Mark Chatterton** — Unison Networks / **Waqar Qureshi** — Wellington Electricity



Feng is the General Manager Network for Horizon Networks. He has over 10 years of experience in the transmission and distribution sector in New Zealand. Feng was the Asset and Innovation Manager at Horizon prior to taking up his current role in late 2022 and was involved in developing the asset management systems and ISO55001 accreditation journey.

Feng is a chartered professional engineer and holds a PMP certification.



Mark is the Strategic Asset Manager for Unison. He has a passion for asset management and currently holds certifications for lean and six sigma process improvement and is a Certified Asset Management Assessor.

Mark has been with Unison for over ten years and has played a key role Unison's journey of certifications in the ISO landscape.



Waqar Qureshi is an accomplished leader with a proven track record in the electricity and energy sector, having served in various senior positions for over 17 years. He is currently the General Manager Asset Management at Wellington Electricity, where he is responsible for managing the company's assets and ensuring the safe and reliable supply of electricity to customers.

Waqar is a Chartered Engineer and a member of Engineering New Zealand since 2017. He is also a certified Project Management Professional with the Project Management Institute since 2015.

12.00pm

## Neville Watson — University of Canterbury / Mike Whaley — MW Consultants

*Topic: Power Quality Guidelines — Launch*



Neville R. Watson received his B.E. (Hons.) and Ph.D. degrees in electrical engineering from the University of Canterbury, where he currently serves as a Professor. He has been teaching and performing research into various aspects of electrical power systems and power electronics. His main areas have been; computer modelling of electrical power systems, HVDC, Power Quality, harmonics and electromagnetic transients.

He is a member of joint Australia/New Zealand standards committee EL034 on Power Quality, Australian Panel of CIGRE C4 and has been a contributing member of various other standards & IEEE committees.



Michael Whaley is a consulting engineer who specializes in most aspects of electricity distribution sector engineering, particularly asset management systems, network planning and conceptual design advice.

He is passionate about infrastructure engineering, taking a special interest in training and development, defining and solving technical problems through group work and how organisations arrange themselves to fulfil their stated objectives. He is a member of the EEA executive committee.

12.30

## Working Lunch and Networking Opportunity

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**1.15pm Mike Casey — Rewiring New Zealand**

*Topic: Electrification of New Zealand*



Mike is the world's first fully electric cherry orchardist having electrified over 20 machines on farm. He's cut his energy costs by 90% across his farm and business through electrification and is now the CEO of Rewiring Aotearoa whose goal is to rapidly electrify the approximately 10 million fossil fuel machines in NZ and drive down everyone's energy costs and cost of living while decarbonising our economy.

Mikes also here to show you how he has done all of this, had a massive increase in the consumption of electricity but also has not taken any more energy during peak periods compared to the previous farmer on the property. The solution is for the customer to be allowed to become a part of the infrastructure of the national grid.

**1.45pm FlexTalk—Key Findings from Part A and overview of Part B: Panel Discussion**

## Panel Members:

**Tom Rose — Product Owner, FlexTalk Evnex Delivery Partner**



Tom studied physics and computer science before pursuing a career in software development across a range of industries including healthcare, agricultural data and remote telemetry for utilities. He then moved into the product space at the intersection between engineering, business and customers.

Tom has been passionate about electric vehicles since seeing an electric Lotus Elise at a technology convention in 1996, and is motivated by the decarbonisation that will come about through electrification. He has been with Evnex for two and a half years.

**Terry Paddy — Cortexo Managing Director & FlexTalk Technical Lead)**



Terry is the Managing Director of Cortexo, a New Zealand software company that provides monitoring, control, and data services in the electricity sector. Cortexo is a member of the OpenADR Alliance and actively contributes to the international working group updating the specification.

Terry is a founding member of the industry group FlexForum, and is a member of the Electricity Authority's Innovation and Participation Advisory Group (IPAG). He also serves on the advisory board for Sustainable Energy Association of New Zealand (SEANZ).

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**Rodger Griffiths** — ElectroNet



Rodger is a professional engineer, graduating with a Bachelor of Engineering from Auckland University in 1982. Rodger has worked with Westpower, a distribution company on the West Coast of the South Island of New Zealand, since graduating university. He currently holds the position of General Manager - Generation and Technology, overseeing the management and performance of Westpower's generation assets.

Rodger has a special interest in hydro generation and was closely involved with the design and construction of the 7 megawatt Amethyst Hydro Electric Schemes commissioned in 2013. He is currently working on opportunities and challenges involved with emerging penetration of distributed energy resources (DER) into distribution networks. This includes developing technology that can maximise the value of demand side flexibility for the benefit of consumer and DER owners, while helping to protect the stability of the power grid.

Throughout his career Rodger has been involved with many aspects of power system design and construction in the generation, transmission, and distribution sections of the New Zealand power industry. He continues to play an active role in promoting innovative solutions for the power industry, both within his company and for external clients.

**Leng Am** — Product Owner, Counties Energy and OpenLoop, FlexTalk Delivery Partner



Leng studied Computer Science and graduated with a Software Development major from Auckland University of Technology and shortly afterwards, joined the digital department for an online marketing agency, focusing on providing technical support to business owners looking to increase their presence through online advertisement. He then quickly moved into the product space as an associate product manager to gain experience and pursue a career as a Product Owner.

Passionate about technology and the advancements in the automobile industry since a young boy, Leng is motivated by the deep commitment NZ has set out for a decarbonised future and is looking forward to being an active contributor to this commitment as a Product Owner at Counties Energy and OpenLoop.

**David Mulder** — Aurora Energy



David is approaching 40 years' experience in the EDB industry, including significant involvement with load control systems. David's currently role is Senior Planning Engineer with Aurora Energy

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**3.00pm Tas Scott** — ElectroNet

*Topic: Resilience Guide — Review*

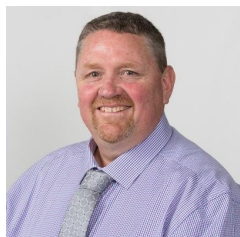


Tas is an electrical engineer with over 50 years' experience in the electricity industry as a design engineer, project manager corporate manager, industry body governance leader, and consultant. Tas initially worked as an engineer with the NZED joining the Canterbury Distribution Sector , designing and commissioning NER's and implementing SCADA designs. He has worked for WEL Networks and served as the President of the Electricity Engineers' Association executive committee from 1993 – 1997.

Tas is a Fellow of Engineers New Zealand and a Member of the Institute of Directors and a Life Member of the EEA NZ. He joined Electronet Consulting in 2014, has provided a range of strategic high-level advice in areas such as quality of asset life cycle management and planning, risk and maintenance practice.

**3.15pm Stuart Johnston** — EEA

*Topics: Common Connection Guide*



Stuart is the Lead Advisor, Engineering & Technical at EEA where he is responsible for leading the Asset Management and Future Networks workstreams. Prior to joining EEA he had over 20+ years of experience in across various roles in the Electricity Supply Industry in Australia, including TransGrid, Energy Networks Australia and AEMO.

His experience includes operational activities including asset management, as well as being involved in national energy policy development and supporting Australia's work on navigating the energy transition pathway for the sector.

**3.30pm Summary and Closing Remarks**

**3.40pm Networking Drinks**

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NOTES



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