



Demand Flexibility Common Communication Protocols Project: **Why OpenADR | Webinar**

THE DEMAND FLEXIBILITY COMMUNICATION PROTOCOLS PROJECT WILL HAVE A SIGNIFICANT FUTURE IMPACT ON HOW WE OPERATE FUTURE GRIDS AND SUPPORT CUSTOMER ENGAGEMENT IN DEMAND FLEXIBILITY. TO EXPLORE WHY OPENADR HAS BEEN SELECTED AS THE COMMUNICATION PROTOCOL TO BE USED IN THE TRIAL .

13th December 2022

VIRTUAL EVENT

Timing: 10.00am to 11.00am

REGISTRATION LINK HERE

DEMAND FLEXIBILITY COMMON COMMUNICATION PROTOCOLS PROJECT

TOPICS AND PRESENTERS

- What are we seeking to achieve in N Z?
- What model we are exploring for The Project
- Future Network Operations, and the evolution of possible future models
- A comparison between OpenADR vs IEEE2030.5 and why OpenADR has been selected for trial

Terry Paddy, Managing Director Cortexo



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 founder member of the industry FlexForum, is a member of IPAG (the Electricity Authority's Innovation and Participation Advisory Group), and is a member of the EEA's project design team for the OpenADR project. He also serves on the advisory board for SEANZ (Sustainable Energy Association of NZ).

Brian Fitzgerald, Technical Lead EECA



For the past twelve years Brian has been employed by the Energy Efficiency and Conservation Authority (EECA), in a variety of technical and management roles. EECA is a central government agency tasked with reducing NZ's energy footprint and related emissions. We do this with a combination of regulatory and incentive based programmes across the residential, commercial and industrial sectors.

Brian's current position at EECA is Technical Lead. This role focusses on provision of robust, science based Standards for use in Energy Efficiency Regulations and in the programmes that EECA delivers. Between 1990 and 2005 Brian worked in Europe for the process engineering division of Ingersoll Rand.

The role involved delivering turn key process solutions into the food, manufacturing and waste sectors. Brian specialised in developing and delivering high end process control systems and monitoring equipment for use in these sectors. Prior to leaving NZ, Brian worked exclusively in management roles in the NZ motor industry.

Rodger Griffiths – Westpower



Rodger is a professional engineer. He gained his B.E. from Auckland University in 1982 and began work with Westpower, a distribution company on the West Coast of the South Island of New Zealand as an Assistant Engineer that year. Since that time, has held various engineering roles in the company is currently the General Manager – Generation and Technology.

Rodger is responsible for the management and performance of the Westpower's generation assets. He has a special interest in hydro generation and was closely involved with the design and construction of the 7 MW Amethyst Hydro Electric Scheme that was commissioned in 2013.

He is currently working on opportunities and challenges involved with emerging penetration of Distributed Energy Resources 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 and continues to have an active role in promoting innovative solutions for the power industry, both within his company and for external clients. General Manager Assets and Engineering Services at Westpower, EEA Life member and Asset Management Group member. Rodger spent the last 40ish years working in the electricity industry and is passionate about finding new ways of doing things.

He strongly believes there are exciting challenges with new technology and everchanging customer expectations and looks forward to being part of the wider industry response to those challenges.