

TUESDAY 7 NOVEMBER 2023

PLENARY SESSION

MODERATORS: **The Hon Peter Rae AO & Monica Oliphant AO**

Wellington Room
Ground Level
Wrest Point

07:45	Registration Barista Cart now open, thanks to RioTinto BELL BAY ALUMINIUM	
08:50 – 09:00	WELCOME TO COUNTRY Dr Aunty Patsy Cameron AO	
09:00 – 09:15	OPENING ADDRESS Hon Peter Rae AO WVEC Chair, WVEC President, Australia	
09:15 – 09:40	TASMANIAN GOVERNMENT ADDRESS Hon Nick Duigan MLC Minister for Energy and Renewables, Minister for Parks, Minister for Heritage, Minister for Small Business, Liberal Member for Windermere	
09:40 – 10:10	WELCOME REMARKS BY INTERNATIONAL REPRESENTATIVES V Dr Roland Roesch Director, IRENA Innovation and Technology Centre Rana Adib Executive Director, REN21 Simon Stolp Practice Manager, World Bank	
10:10 – 10:20	INTRODUCTION TO THE CONFERENCE PROGRAM Monica Oliphant AO DUniSA, WVEC Program Chair, WVEC Vice President, Australia	
10:20 – 10:50	Morning Refreshments	
10:50 – 11:15	GLOBAL WIND EXPERIENCE V Stefan Gsänger Secretary General, WVEC, Germany	
11:15 – 11:40	A RENEWABLES PORTFOLIO – SOLAR IN THE MIX Bess Clark Chief Executive Officer, TasRex Pty Ltd, Australia	
11:40 – 12:05	GLOBAL WIND DEVELOPMENT John Titchen Director, Goldwind, Australia	
12:05 – 12:30	RENEWABLE ENERGY FOR COMMUNITY BENEFITS Heather Smith Chair, Coalition for Community Energy, Australia	
12:30 – 13:30	Lunch	
13:30 – 16:00	CONCURRENT SESSION 1 WIND POWER TECHNOLOGY CHAIR: Prof. Chuichi Arakawa WELLINGTON ROOM	CONCURRENT SESSION 2 COMMUNITY POWER IN PRACTICE: BUSINESS MODELS CHAIR: Monica Oliphant AO BOARDWALK GALLERY
13:30 – 13:55	SAFETY IN WIND TURBINE GENERATOR OPERATION Dr Karunamoorthy Neethimani Windplus Private Limited, India	EXAMPLE DARDSEHEIM: MORE LOCAL CONTENT AND COMMUNITY POWER AS A PRECONDITION TO ACCELERATE THE ROLL OVER TO 100% RENEWABLE ENERGIES Heinrich Bartelt Generalwind GMBH, Germany
13:55 – 14:20	A FAR-ADVANCED BUT LOW-COST ROLLIE WIND ENERGY GENERATION TECHNOLOGY V Rolando Garcia Rollie Rack International / Rollie Wind Energy Technologies, Philippines	MISSING TIES? B CORP MOVEMENT AND COMMUNITY POWER MOVEMENT Shota Furuya Institute for Sustainable Energy Policies, Japan
14:20 – 14:45	UKRAINE: WIND POWER FOR UKRAINE'S POST WAR RECOVERY Dr Andriy Konechenkov Ukrainian Wind Energy Association, Ukraine	COMMUNITY MICROGRIDS Heather Smith Coalition for Community Energy, Australia

V = Virtual | H = Hybrid

The program features in-person presentations, augmented by select virtual presentations to expand our coverage of contributions from around the world

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14:45 – 15:10	<p>LATEST DEVELOPMENTS FROM KOREA</p> <p>Choong-Yul Son WWEA, Republic of Korea</p>	<p>CORENA – SMALL CONTRIBUTIONS MAKING A BIG DIFFERENCE VIA OUR REVOLVING ENERGY FUND</p> <p>Sarah McCabe Citizens Own Renewable Energy Network Australia</p>
15:10 – 15:35	<p>LATEST DEVELOPMENTS FROM PAKISTAN V</p> <p>Dr Irfan Mirza Renewable Resources, Pakistan</p>	<p>BUILDING SOCIAL LICENSE TO OPERATE: GETTING IT RIGHT</p> <p>Andrew Bray RE-Alliance, Australia</p>
15:35 – 16:00	<p>EXPERIENCE WITH WIND AND SOLAR POWER AT AUSTRALIA'S ANTARCTIC STATIONS, AND FUTURE ANTARCTIC STATION ENERGY STRATEGIES</p> <p>David Waterhouse Australian Antarctic Division, Assets & Technology, Design & Engineering Management, Australia</p>	<p>COMMUNITY POWER IN CANADA V</p> <p>Dr Andrea Kraj P.Eng Core Renewable Energy Inc., Canada</p>
16:00 – 16:30	Afternoon Refreshments	
16:30 – 17:20	<p>CONCURRENT SESSION 3 WIND POWER AROUND THE WORLD</p> <p>CHAIR: John Titchen WELLINGTON ROOM</p>	<p>CONCURRENT SESSION 4 STORAGE & COMMUNITY ENGAGEMENT</p> <p>CHAIR: Andrew Bray BOARDWALK GALLERY</p>
16:30 – 16:55	<p>UNLOCKING TASMANIA'S WORLD-CLASS WIND: A VITAL RESOURCE IN THE ENERGY TRANSITION</p> <p>Dr Michael Connarty ACEN Renewables, Australia</p>	<p>THE ROLE FOR BATTERIES IN TASMANIAN AND THE NATIONAL ELECTRICITY MARKET</p> <p>Megan Ward Neoen, Australia</p>
16:55 – 17:20	<p>RENEWABLES: THE RACE THAT ENERGISES A NATION</p> <p>Antony Beard Granville Harbour Wind Farm, Australia</p>	<p>DISTRIBUTED STORAGE WILL BE THE MAJORITY OF STORAGE: BATTERIES ON WHEELS AS VITAL INSTRUMENTS IN A RENEWABLE SYMPHONY</p> <p>Gabrielle Kuiper IEEFA (Institute for Energy Economics and Financial Analysis)</p>
17:20 – 17:40	<p>LATEST DEVELOPMENTS FROM CHINA V</p> <p>Qin Haiyan Chinese Wind Energy Association, China</p>	<p>THE SOCIAL LICENCE PARADOX – PURSUING THE UNOBTAINABLE</p> <p>Nicola Wass RPS (a Tetra Tech Company), Australia</p>
17:40–18:00	<p>LATEST DEVELOPMENTS FROM INDIA V</p> <p>Dr Jami Hossain WWEA, India</p>	<p>HARNESSING THE POWER OF YOUTH – HOW TO EFFECTIVELY, GENUINELY AND CONSTRUCTIVELY UTILISE PASSION, INTEREST AND ENERGY OF YOUNG PEOPLE TO CO-DESIGN COMMUNITY BENEFIT SHARING</p> <p>Chris Warr TasNetworks, Australia</p>

18:00 – 20:00 **WELCOME RECEPTION**
GREEN ROOM BAR, WREST POINT HOTEL CASINO

With thanks to our Sponsor


MARINUS
LINK

WEDNESDAY 8 NOVEMBER 2023

PLENARY SESSION

MODERATOR: **Hon Peter Rae AO – President WWEA**

Wellington Room
Ground Level
Wrest Point

08:15	Registration	Barista Cart now open, thanks to RioTinto BELL BAY ALUMINIUM
09:00 – 09:25	OPENING PRESENTATION SYMPHONY OF THE RENEWABLES Hon Peter Rae AO WVEC Chair, WVEC President, Australia	
09:25 – 09:55	SUSTAINABLE HYDROPOWER DEVELOPMENT TO REACH GLOBAL NET ZERO TARGETS Roger Gill Past President, International Hydropower Association, Australia	
09:55 – 10:20	GLOBAL SOLAR PERSPECTIVE AND ITS ROLE IN THE FUTURE POWER SYSTEM Prof Andrew Blakers Professor of Engineering, Australian National University, Australia	
10:20 – 10:50	TASNETWORKS + ENERGY IN TASMANIA Seàn Mc Goldrick CEO, TasNetworks, Australia	
10:50 – 11:20	Morning Refreshments	
11:20 – 11:50	THE ROLE OF HYDROPOWER STORAGE IN A STABLE AND RELIABLE NATIONAL ELECTRICITY GRID, COMPLEMENTING WIND AND SOLAR GENERATION Ian Brooksbank CEO, Hydro Tasmania, Australia	
11:50 – 12:30	WIND IN THE AUSTRALIAN RENEWABLE ENERGY TRANSITION Kane Thornton CEO, Clean Energy Council, Australia	
12:30 – 13:30	Lunch	
13:30 – 14:00	BLUE WIND IN THE EVERGREEN STATE Remarks by Governor Jay Inslee of Washington State, USA MODERATOR: Hon Peter Rae AO	
14:00 – 14:40	PANEL SESSION H PRACTICAL STEPS TO THE 100% TRANSITION MODERATOR: Professor Andrew Blakers PANELLISTS: Hans-Josef Fell Energy Watch Group, Germany Gabrielle Kuiper IEEFA, Australia	
14:40 – 15:20	PANEL SESSION H COMMUNITY POWER POLICIES: EXPLOITING THE BENEFITS IN COLLABORATION WITH THE IRENA COALITION FOR ACTION PANELLISTS: Giedre Viskantaite IRENA Shota Furuya Institute For Sustainable Energy Policies / Japan Community Power Association	

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15:20 - 15:45	Afternoon Refreshments	
15:45 - 17:05	CONCURRENT SESSION 5 RENEWABLE ENERGY POLICIES AROUND THE WORLD CHAIR: Tony Field WELLINGTON ROOM	CONCURRENT SESSION 6 OFFSHORE & ONSHORE WIND CHAIR: Heinrich Bartelt BOARDWALK GALLERY
15:45 - 16:05	RENEWABLE ENERGY POLICY IN PAKISTAN AND ITS DEVELOPMENT, IMPACTS, AND LESSONS LEARNT OVER 15 YEARS V Nasim Khan Pakistan University, Pakistan	OFFSHORE WIND POTENTIAL AND CONDITIONS IN TASMANIA Prof Tim Finnigan and Dr Ali Tolooyan University of Tasmania, Australia
16:05 - 16:25	UKRAINE'S RENEWABLE ENERGY MARKET: INVESTING UNDER CHANGING POLICY PARADIGMS Galyna Shmidt Ukrainian Wind Energy Association, Ukraine	THE MARKET FOR OFFSHORE WIND IN JAPAN Prof Dr Chuichi Arakawa Japan Wind Energy Association, Japan
16:25 - 16:45	PANEL DISCUSSION RENEWABLE ENERGY CERTIFICATES PANELLISTS:	WHALEBACK RIDGE ENERGY PROJECT Alan Morrell Westcoast Renewable Energy
16:45 - 17:05	Matthew Brander University of Edinburgh – video presentation John Titchen Goldwind Australia Steve Davy HIF Global	AN UPDATE ON THE BOWE PROJECT AND SOME OF OUR TECHNICAL CHALLENGES Charles Wark Nexsphere
19:00 - 23:00	SYMPHONY OF THE RENEWABLES CONFERENCE DINNER DINNER SPEAKER: Kane Thornton CEO, Clean Energy Council of Australia EXHIBITION FOYER, WREST POINT HOTEL CASINO	With thanks to our Sponsor 




THURSDAY 9 NOVEMBER 2023

PLENARY SESSION



MODERATORS: **Hon Peter Rae AO & Monica Oliphant AO**

Wellington Room
Ground Level
Wrest Point

08:30	Registration	Barista Cart now open, thanks to RioTinto BELL BAY ALUMINIUM
09:00 - 09:30	RENEWABLE ENERGY, NET ZERO EMISSIONS, HYDROGEN AND TRANSPORT Hon Peter Gutwein Strategic Advisor, Former Tasmanian Premier and Treasurer, Non-Executive Director, Australia	
09:30 - 10:00	THE SOUTH AUSTRALIAN EXPERIENCE v Vince Duffy Acting CEO, SA Department for Energy & Mining	
10:00 - 10:30	ADVANCING CLEAN INDUSTRIES AND THE BELL BAY ADVANCED MANUFACTURING ZONE Susie Bower CEO, Bell Bay Advanced Manufacturing Zone, Australia	
10:30 - 11:00	PTX AND HYDROGEN IN A SUSTAINABLE AND GREENHOUSE GAS NEUTRAL FUTURE v Dr Harry Lehmann Director, PTX Lab Lausitz, Germany	
11:00 - 11:30	Morning Refreshments	
11:30 - 12.30	CONCURRENT SESSION 7 RENEWABLE ENERGY TRANSPORTATION, HYDROGEN CHAIR: Galyna Shmidt WELLINGTON ROOM	CONCURRENT SESSION 8 POSITIVE PARTNERSHIP CHAIR: Samantha Chapman BOARDWALK GALLERY
11:30 - 11:55	UNLOCKING AUSTRALIA'S EFUELS POTENTIAL Steve Davy HIF Global, Australia	The session will delve into crucial themes within the energy sector, exploring the challenges and opportunities involved in transitioning existing capabilities and capacities to align with the evolving demands in this industry. The discussion will shed light on how major projects have introduced frameworks that can significantly benefit the supply chain, highlighting the importance of supply chain consultation throughout the project development lifecycle, ensuring effective stakeholder engagement. The session will also touch upon the strategy of right-sizing work packages to foster broader engagement within the supply chain, fostering a more collaborative and efficient energy sector. PANELLISTS: Danny Benjamin VicGrid Barb McGregor McGregor and Associates Andrew Kennedy CPB Contractors Aaron Brimfield BridgePro 
11:55 - 12:20	THE BELL BAY POWERFUELS PROJECT AND ROLE OF RENEWABLE METHANOL IN DECARBONISING SHIPPING AND OTHER SECTORS Michael van Baarle Abel Energy, Australia	

THURSDAY 9 NOVEMBER 2023

PLENARY SESSION WELLINGTON ROOM

12:30 - 12:55	TASMANIA TO SHOWCASE AUSTRALIA'S FIRST HYDROGEN HYWAY Geoffrey Drucker Countrywide Hydrogen Pty Ltd, Australia	
12:55 - 13:20	WIN-WIN-WIND SOLUTIONS – DECARBONISING SHIPPING ONE-SAIL-AT-A-TIME  Gavin Allwright International Windship Association, England	
13:20 - 14:10	Lunch	
14:15 - 15:30	CONCURRENT SESSION 10 HYBRID AND ISLAND SYSTEMS CHAIR: Dr Andriy Konechenkov WELLINGTON ROOM	CONCURRENT SESSION 11 COMMUNITY CONVERSATIONS CHAIR: Andrew Bray BOARDWALK GALLERY
14:15 - 14:40	BLUE ECONOMY CRC AND INTEGRATION OF WIND AND HYDROGEN IN MICROGRIDS Prof Evan Gray Blue Economy CRC, Australia	COMMUNITY CONVERSATIONS PANEL DISCUSSION This session brings together representatives from communities to discuss how rural and regional communities can really see themselves as part of the energy transition. A fast and fair energy transition requires trust to be built with host communities. Speakers will talk from their own experience about what's going well, what's not being done enough with a strong focus on how they organise in their communities and what they would like to see industry and government do to make this better. Panel speakers will cover a mix of rural and regional voices and perspectives from host communities, critical to enabling energy infrastructure and construction. PANELLISTS: Jack Redpath Carbon Zero Initiative Toby Thorpe RE-Alliance Veronica Terry Cradle Coast Authority
14:40 - 15:05	THE RAPID GROWTH IN OFF-GRID HYBRID SYSTEMS IN AUSTRALIA AND PACIFIC (INCLUDING ISLAND AND FLINDERS ISLAND) Ray Massie Entura, Australia	
15:05 - 15:30	POTENTIAL OF INTEGRATING HYBRID PHOTOVOLTAIC (PV) AND WIND ENERGY SYSTEMS, ALONG WITH ENERGY STORAGE  Tanay Sidki Uyar Beykent University, Turkey	
15:30 - 16:00	Afternoon Refreshments	

PLENARY SESSION WELLINGTON ROOM

16:00 - 16:45	CLOSING PANEL TASMANIAN ENERGY VISION – PART OF A GLOBAL VISION FOR THE FUTURE MODERATOR: Todd Babiak Brand Tasmania, Australia PANELLISTS: Erin van Maanen Hydro Tasmania, Australia Caroline Wykamp Marinus Link, Australia Roger Gill International Hydropower Association, Australia Susie Bower Bell Bay Advanced Manufacturing Zone, Australia Hon Peter Rae AO WWEC, WWEA, Australia
16:45 - 17:00	CONCLUDING REMARKS FROM AROUND THE WORLD CONFERENCE CLOSE Hon Peter Rae AO WWEC Chair, WWEA President, Australia