Revised Attachment 2

Energy Transition Climate Resilience Committee (ETCRC) - Appointment Recommendations

Members	Appointment Term
Appointments (4)	
S. Jeff Birchall Marieke Dube Alvin Law James Sandercock	May 1, 2023 to April 30, 2025 May 1, 2023 to April 30, 2025 May 1, 2023 to April 30, 2025 May 1, 2023 to April 30, 2025

Here is a brief public introduction as provided by the new appointees:

S. Jeff Birchall

Energy Transition Climate Resilience Committee

Dr. Jeff Birchall is an Associate Professor of local-scale climate change adaptation/ resilience in the School of Urban and Regional Planning (SURP), Department of Earth and Atmospheric Sciences, University of Alberta. Jeff is the Associate Director of SURP and Director of the Climate Adaptation and Resilience Lab and leads the UArctic Thematic Network on Local-scale Planning, Climate Change and Resilience.

Jeff has domestic and international experience, within an academic/ research setting and the public sector. Jeff is a registered professional planner. Jeff's research program is interdisciplinary and explores localized climate impacts, how these affect critical infrastructure and the built form, how this relates to planning/ policy decisions, and what this means for community well-being and safety. Jeff's research is largely driven by key actor and local stakeholder engagement, with the aim of (co-) producing policy relevant knowledge/ outcomes, or translating theory into practice in a useful, locally informed way. In addition to his internal responsibilities, Jeff is currently engaged with Public Safety Canada on the National Risk Profile project, and supports programming of the Natural Hazard Centre/ Institute for Catastrophic Loss Reduction.

Revised Attachment 2

Marieke Dube

Energy Transition Climate Resilience Committee

Marieke is the Director of Government Affairs and Public Policy at the University of Alberta. She has worked in and adjacent to the post secondary sector for over a decade, contributing to the success of ambitious research and infrastructure projects at the University of Alberta. A proud Francophone, born and raised primarily in Edmonton, Marieke has lived and worked across Canada, and studied internationally.

In her role at the Alberta Climate Change Office, she led provincial, national and international files related to energy, the environment, climate change, and trade for over five years. She has over fifteen years working in government relations, across all orders of government and internationally.

She is a passionate environmentalist who works in community to support food security and sustainability, and believes that collaboration - across economic sectors, orders of government, and between generations - is critical to addressing the complex policy issues of our time. She believes that cities are the locus of innovation for climate action, and that they hold the key to real innovation and impactful partnership.

Alvin Law

Energy Transition Climate Resilience Committee

Alvin Law is a utilities strategist who has been helping public organizations navigate the interactions between energy, emissions and economics for nearly two decades. As the Senior Director of Utilities at Alberta Municipalities, Alvin assists municipalities of all sizes in advancing their goals for innovative energy supply, achieving sustainability and emissions reduction objectives, all while maintaining a keen focus on fiscal prudence. Alvin currently oversees a \$100M energy retailing business and played a crucial role in scaling up the Municipal Climate Change Action Centre.

Prior to this, Alvin championed improvements in the environmental and energy performance of provincial facilities. Alvin led the certification of 80 buildings under BOMA BEST and established Sustainable Building Operations throughout Government of Alberta facilities.

As a Professional Engineer with a Master of Business Administration in Finance, Alvin continuously looks to enhance the world around him, having served on the Board of BOMA Calgary, the Board of Green Calgary, technical committees for green building certifications, and environmental health and safety committees. After working in Calgary, Alvin recognized his heart was still in his hometown and returned to Edmonton where he is committed to ensuring that his loved ones and fellow citizens can be happy and healthy.

Revised Attachment 2

James (Jim) Sandercock

Energy Transition Climate Resilience Committee

Dr. Jim Sandercock is the inaugural Chair of the Alternative Energy diploma program at Northern Alberta Institute of Technology (NAIT). The two-year program has prepared over 150 highly qualified personnel who can design and assemble renewable energy systems such as solar PV, model energy efficiency measures such as geothermal and improved building envelopes, and recommend conservation measures through energy auditing and energy management planning. Jim has taught in multiple programs, ranging from trades to degrees, and helped create new diplomas, including the Nanotechnology and Alternative Energy programs. Prior to teaching at the NAIT, Jim studied the production of fuel-grade ethanol using locally-sourced feedstocks. He completed a Doctor of Philosophy in Microbiology and Biotechnology at the University of Alberta, studying biodegradable plastics.

In 2023, Jim and his family completed a net-zero retrofit of their 1950s Edmonton home using a panelized wall system similar to the Dutch EnergieSprong method. If you can achieve a net-zero retrofit on a house in Edmonton, you can do it pretty well anywhere on Earth!