



Time	Sessions
9 AM	Registration and networking
9:30 AM	Welcome and introduction
9:40 AM	Session 1: Why this matters – energy, carbon and disclosure trends The energy transition goes beyond technical and enters the world of economic megatrends, legal and financial implications and mandatory reporting. This opening session will provide the context as to why the energy transition must be considered in a broader business risk and opportunity. Anthony Szatow, Head of New Energy Solutions, Buildings Alive Overview of trends in energy markets that underpin much of the energy transition. Joshua Martin, Founding Director, Foresight Consulting Policy trends impacting real assets, owners, tenants and service providers. Understand the legal exposure, financial reporting requirements that directly impact you or your value chain and how business strategy must evolve. Carlos Flores, Director, NABERS Where NABERS is heading next. How to prepare – risks and opportunities Q and A
10:40 AM	Morning tea and networking
11:00 AM	Session 2: The business and value case for your energy transition Finance and engineering: Build a plan that considers both sides of the equation, the financial and technical solutions. This will become a common theme for the day – business cases and energy solutions go hand-in-hand. Foreseeable requirements to manage the energy transition become just as much a contingent liability issue for your Chief Financial Officer to consider as they are a lifecycle planning requirement for asset and operations managers. Done well, this transition has finance and sustainability professionals equally engaged. Neglected, this transition can lead to un-forecast capital expenses, increased operational costs and stranded assets. Steve Ford The value proposition for your energy transition should include considerations of finance through to leases and energy markets to through to lifecycle opportunities. Michael Di Russo, Head of Property, Clean Energy Finance Corporation

	The best practices that CEFC sees and the returns stack including savings, tenant attraction, green finance options and benefits and mandates from investors. Michael will present some of the CEFC investments and their outcomes. Francesca Muskovic, Executive Director – Policy, Investor Group on Climate Change (ex-Property Council of Australia) What are the mega trends of investor expectations when it comes to the transition to a low carbon economy? Regardless of politics, there is a ground swell of expectation for investors to respond to climate change. Q and A
11:50 AM	Session 3: Holistic planning Your energy transition plan needs to maximise long term value creation. Look at the big picture as considering each element in isolation can be detrimental. It is as much a financial challenge in establishing business cases to protect long term asset values, as it is a technical problem to optimise energy efficiency. Look for the opportunity where there is risk and look over the horizon for what you need to prepare for. Steve Ford From the point of view of investment value, we take a look at the big picture when developing energy transition plans. Considering each element in isolation can be detrimental. It is as much a financial challenge that considers contingent liabilities and long term asset values, as it is a technical problem. Steve Hennessy, Consultant – Sustainability, WT Partnership Transitioning your building for a low carbon energy future is about so much more than simple plant upgrades and electrification. No two buildings are the same and all changes have a flow on effect. Understanding the bigger picture and planning holistically will result in the optimal outcome for your building now and into the future. Choosing the right path will help identify and manage the unintended consequences that can potentially occur if your transition looks at each project in isolation. Alicia Maynard, Responsible Investment Consultant The holistic view of transitioning your assets for a low carbon future ventures beyond the physical actions and must include processes to engage stakeholders and meet their needs. Creating and maintaining value for assets over the long term while meeting the shorter term business imperatives need to work hand-in-hand with your physical asset planning processes. Q&A
12:45 PM	Lunch
1:45 PM	Session 4: Electrification and key triggers for actions

	Key processes, benefits and challenges in electrifying buildings. How electrification will impact your NABERS ratings. Implement the building reviews necessary before electrifying to avoid unintended consequences. Use life cycle planning to align complementary projects. Steve Ford Overview of key processes, benefits and challenges in electrifying buildings. Magali Wardle, Head of Market Development, NABERS How will electrification (or not electrifying) impact your NABERS ratings? Andrew Bagnall, NSW Manager, A.G. Coombs Whether it is at end-of-lifecycle, during periods of vacancy or driven by a solid business case, there will be a trigger for you to electrify assets and there are some things you should know in advance to inform your plans. Understanding your existing electrical capacity and any constraints is an important enabler to inform an electrification plan. Then there are the constraints on mechanical and heating upgrades ranging from ventilation, temperature constraints, pipe and pump constraints, space requirements but also opportunities to add summer cooling capacity. And bigger picture issues of refrigerant also need to be considered.
2:20 PM	Session 5: Demand side flexibility As we transition from a dispatchable fossil fuel dominated energy system to a renewable and non-dispatchable energy system, we need to consider not only how much energy we use but when we use it. Put simply, when the sun doesn't shine and the wind doesn't blow, what will the implications be and how can you position your assets to manage this transition smoothly. Steve Ford In moving from a dispatchable non-renewable grid to a renewable grid, we need to consider how this transition can impact our operations and climate goals. This session will explore risks and opportunities with this transition. Tosh Szatow, Buildings Alive Learn how to best manage imbalances in supply, demand and networks and maximise usage when electricity is cheap, green and abundant. How do you support an orderly transition and benefit from using energy at the right time. How can this also impact your carbon emissions. Nova Franklin, NABERS What is on the horizon for NABERS with regards to demand-side flexibility? Q&A

3:10 PM	Session 6: A practical approach to your energy transition What are the practical steps that you should take to optimise your buildings while managing the energy transition? You will learn how to halve the average energy consumption of a buildings through systematic energy management processes including monitoring processes, engagement with operations and tenants. This will also cover how to efficiently manage increasing reporting requirement and key tips on getting your projects approved. Steve Ford Introductions Emma Baird Associate Director – Sustainability Consulting, CBRE Taking us through a number of practical examples of how and when to transition and deliver long term value. What should you have in your transition plan and how do you leverage other building lifecycle opportunities to deliver the best outcomes for your investors and tenants. Jamie O'Reilly, Investment Manager, AsheMorgan Interview with The Fifth Estate Managing Editor Tina Perinotto What does a proactive owner/investor look for in creating value with regards to the energy transition? A look at 60 Margaret street as a case study and other assets to understand the key drivers at play.
3:55 PM	Afternoon tea and networking
4:15 PM	Session 7: Energy transition projects - case study Case studies in electrifying heating and hot water at a fraction of regular costs. Alternative heating options, planning for resilience opportunities, and electro-retrofits case studies. Andrew Bagnall, NSW Manager, A.G. Coombs
4:35 PM	QandA with Andrew Bagnall and Su-Fern Tan, CBRE
4.50 PM	Wrap