



**Energy Transformation
Taskforce**

A Brighter Energy Future

Newsletter
Issue 5 – December 2019

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Energy Transformation Taskforce delivers DER Roadmap to Minister



Welcome to the last issue of *A Brighter Energy Future* for 2019.

As we approach the holiday season and reflect on the year that has been, I cannot help but feel a great sense of achievement, particularly as we end the year on a high with the delivery of the Distributed Energy Resources (DER) Roadmap to the Minister for Energy.

Labelled by the DER team as the Minister's Christmas present, the DER Roadmap is the first major deliverable of the Energy Transformation Taskforce (Taskforce).

We think the DER Roadmap provides a clear pathway of actions to facilitate the strategic uptake of DER, to unlock the value of these technologies to the benefit of consumers, the power system and the Western Australian economy.

The DER Roadmap recommends the implementation of specific actions under four themes – technology integration, tariffs and investment signals, DER participation, and customer protection and engagement. Each action has been assigned a priority ranking and an action 'owner', who will be responsible for its implementation.

The DER Roadmap is anticipated to be released in the New Year, at the discretion of Minister Bill Johnston.

In the meantime, the Taskforce and the DER team within the Energy Transformation Implementation Unit (Implementation Unit) of Energy Policy WA have already commenced work on the development of a plan to implement the actions recommended in the Roadmap. Actual implementation of each action will, of course, be subject to Government approval.



Pictured from left to right – Katharine Mackenzie (Taskforce Member), Stephen Edwell (Taskforce Chair), Hon Bill Johnston MLA (Minister for Energy), Kate Ryan (Taskforce Member) and Jai Thomas (Project Director, DER).



The DER Team.
Top row, left to right – Brad Smart, Jai Thomas (Project Director) and Kieran Rainey.
Front row, left to right – Nina Davies, Sarah Woenne, James Eastcott and Wenona Hadingham.

While the completion of the DER Roadmap is, without a doubt, a major achievement for the Taskforce, it is important to remember that the Roadmap is one element of the broader package of work being delivered under the Government's Energy Transformation Strategy.

Since its establishment in May 2019 and with the support of the Implementation Unit, the Taskforce has developed and published a total of 12 Information Papers outlining key policy positions and future regulatory and market arrangements that will allow us to maximise the use of existing network infrastructure and modernise the Western Australian Wholesale Electricity Market.

In the first half of 2020 we will be working on developing draft Rule changes to give effect to these determinations.

These initiatives, developed in close consultation and collaboration with stakeholders, will deliver major changes to the design and operation of the energy market and facilitate the integration of existing and emerging low-emission technologies in a reliable and sustainable way.

Work on a DER register and revised connection requirements, the regulatory framework to access Western Power's network and the modernisation of the Wholesale Electricity Market will continue in earnest in the New Year. And so will the development of the inaugural Whole of System Plan for the South West Interconnected System, which is due for completion in mid-2020.

The Whole of System Plan will give us a long-term picture of the dynamics of the South West Interconnected System to achieve a least cost, reliable and secure electricity supply – including the technology mix of generation facilities, the role of energy storage, carbon emissions and associated infrastructure investment requirements.

I am pleased to report that the development of the Whole of System Plan is tracking on schedule. We have already published two information papers outlining the demand scenarios, modelling approach and assumptions to be used for the Whole of

System Plan. Modelling is now underway, and we look forward to sharing the preliminary findings of the modelling with stakeholders in the first half of next year.

The Taskforce and Energy Policy WA will be on leave and recharging batteries from 25 December 2019 to 5 January 2020. We will all be back on deck on 6 January 2020, ready to continue our work on the delivery of the Energy Transformation Strategy.

I would like to take this opportunity to thank the Hon Bill Johnston MLA, my Taskforce colleagues, the Implementation Unit, the broader Energy Policy WA team, and our energy sector stakeholders for your support and very valuable contributions.

I would also like to wish you all a merry Christmas and a very happy and safe New Year.

I look forward to continuing working with you in implementing Government's Energy Transformation Strategy in 2020.



Stephen Edwell
Chair
Energy Transformation Taskforce

Energy Transformation Taskforce meetings



The Taskforce has held three formal meetings since the publication of the fourth issue of *A Brighter Energy Future*.

Meeting 8, 2019

Held on 19 November 2019

Meeting 9, 2019

Held on 13 December 2019

Meeting 10, 2019

Held on 18 December 2019

DER Roadmap

The Taskforce:

- provided guidance on drafts of the DER Roadmap and endorsed the final version for delivery to the Minister for Energy;
- considered the proposed approach to implement DER Roadmap recommendations; and
- approved the proposed approach to the establishment of a DER register for the South West Interconnected System.

Improving Access to the Western Power Network

The Taskforce:

- provided guidance on the proposed allocation of capacity credits under a constrained

access framework for the Western Power network; and

- considered the scope of proposed changes to the Electricity Networks Access Code 2004.

Delivering the Future Power System

The Taskforce:

- approved the detailed design of the Technical Rules change management process;
- approved changes to frequency operating standards;
- approved the release of proposed Wholesale Electricity Market Rule amendments related to constraint equations;
- approved the design of scheduling and dispatch arrangements for Essential System Services, building on the design features endorsed by the Taskforce in previous Information Papers; and
- approved the design of settlement arrangements for the energy and Essential System Services markets, including the implementation approach for five-minute settlements.

The Taskforce is scheduled to hold its next formal meeting (Meeting 1, 2020) on 31 January 2020.

Upcoming events



Date	Event
25 December 2019 to 5 January 2020	Christmas break
23 January 2020	Program Implementation Coordination Group Meeting
31 January 2020	Taskforce Meeting 1, 2020
31 January 2020	Publication of issue 6 of <i>A Brighter Energy Future</i>
Ongoing	Stakeholder Engagement – Whole of Program Project working group meetings 1:1 meetings



Wishing you a very merry Christmas and a wonderful New Year.