

Inputs and assumptions



Customer demand

Scenarios have been broken down into half-hourly demand profiles on a customer segment basis in each of the 11 nodes over 20 years



Network augmentation

Western Power are estimating network transfer limits between the nodes and providing approximate costs for network augmentation options



Generator costs

Cost assumptions of both existing and potential new facilities have been collated in collaboration with a wide range of industry participants

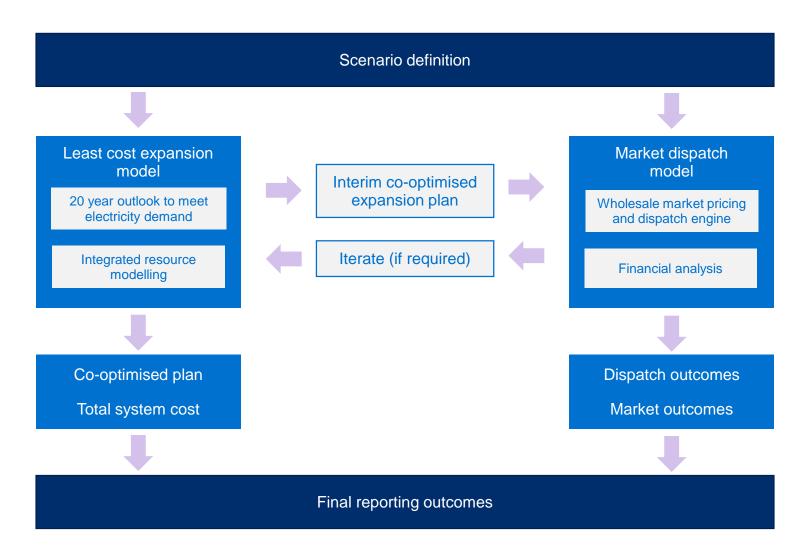


Essential system services

System constraints are assessed in the modelling and examine frequency regulation (load following) and frequency contingency reserves (spinning reserve and load rejection reserve)

Modelling overview





Stakeholder engagement

The Project Team has tested the modelling inputs and assumptions with a wide range of industry stakeholders

1:1 meetings with interested stakeholders since project start

20+

1:1 meetings with interested stakeholders re inputs and assumptions

Industry participants

Investors

Advocacy Groups













































^{*} Please note data is as at 14 October 2019





Update Energy Transformation Taskforce on modelling methodology, inputs and assumptions

18 October 2019



Publish high-level modelling methodology, inputs and assumptions information paper

October/November 2019



Conduct least cost expansion modelling

October 2019 – January 2020



Provide modelling update to the Market Advisory Committee

Early 2020

