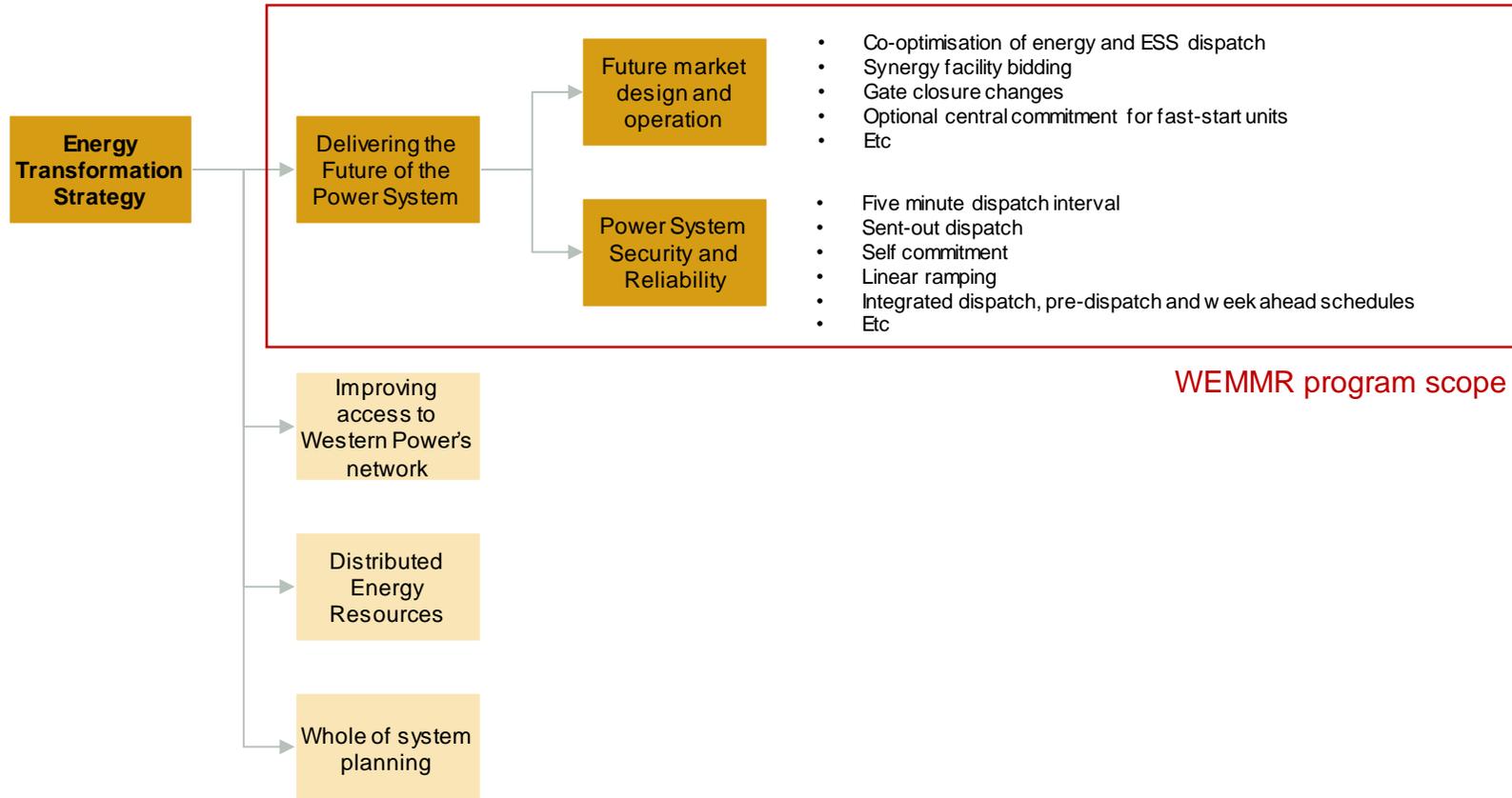




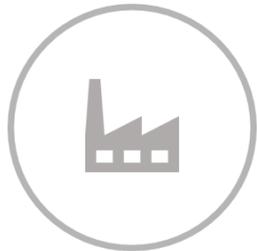
The Synergy WEM Market Readiness (WEMMR) program

*Presentation to WRIG #7
November 2020*

The WEMMR program is Synergy's delivery vehicle for key aspects of the State Government's Energy Transformation Strategy



Synergy's program of work comprises site works, technology enhancements, development of operational capabilities and contract remediation



Site Works

- Control system and communications enhancements
- Minor Western Power SCADA works
- Construction of a new control room



Technology

- Design and implementation of new trading, settlement and reconciliation systems
- Enhancement of service levels to support near-real-time trading



Operational Capabilities

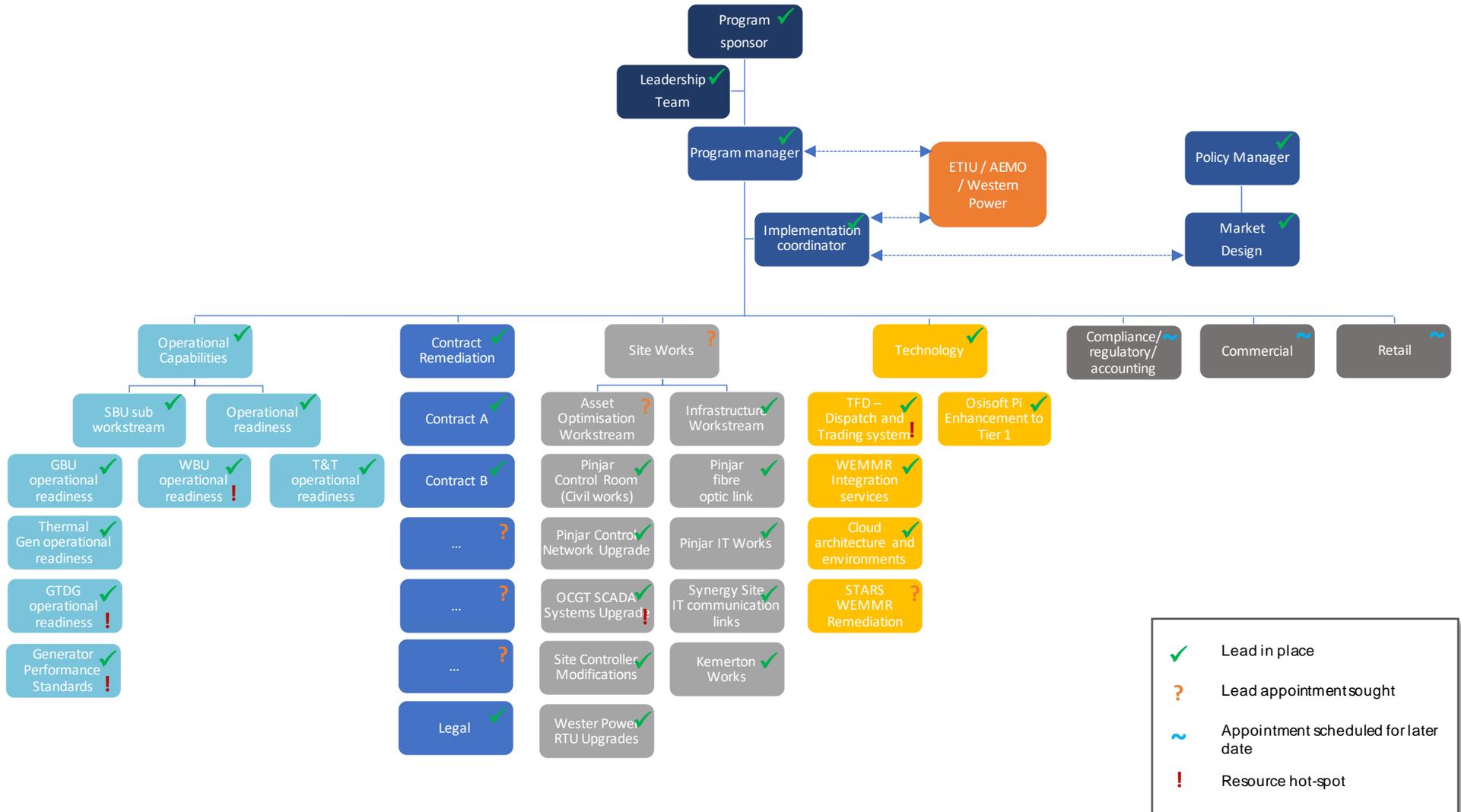
- Recruitment and training of additional trading staff
- Recruitment and training of GT controllers
- Training of existing trading and operations staff
- Consequent organisational changes
- Generator Performance Standards negotiation



Contract Remediation

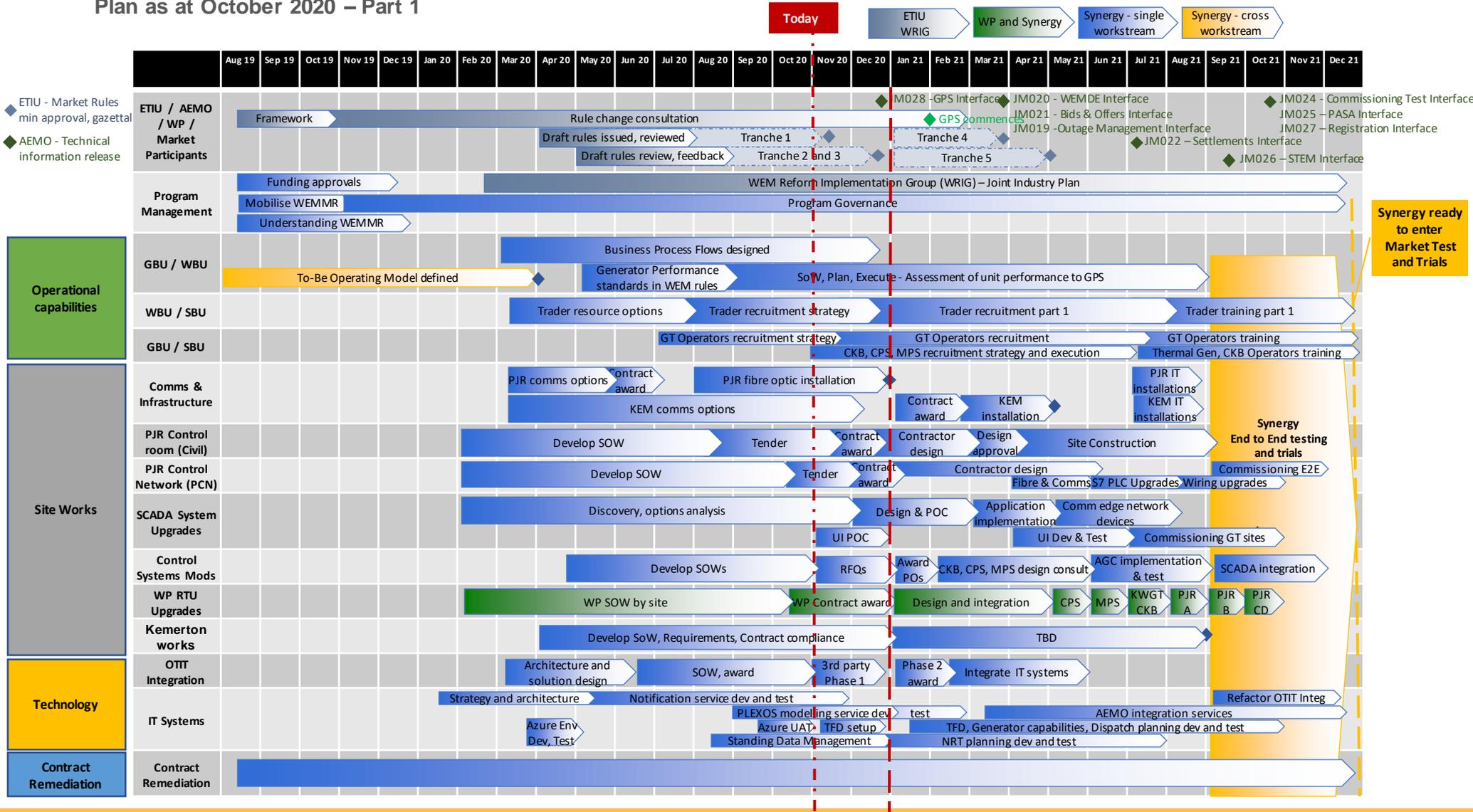
- Analysis to identify operability and/or commercial issues with existing contracts under the new WEM Rules

The WEMMR team is mostly now resourced

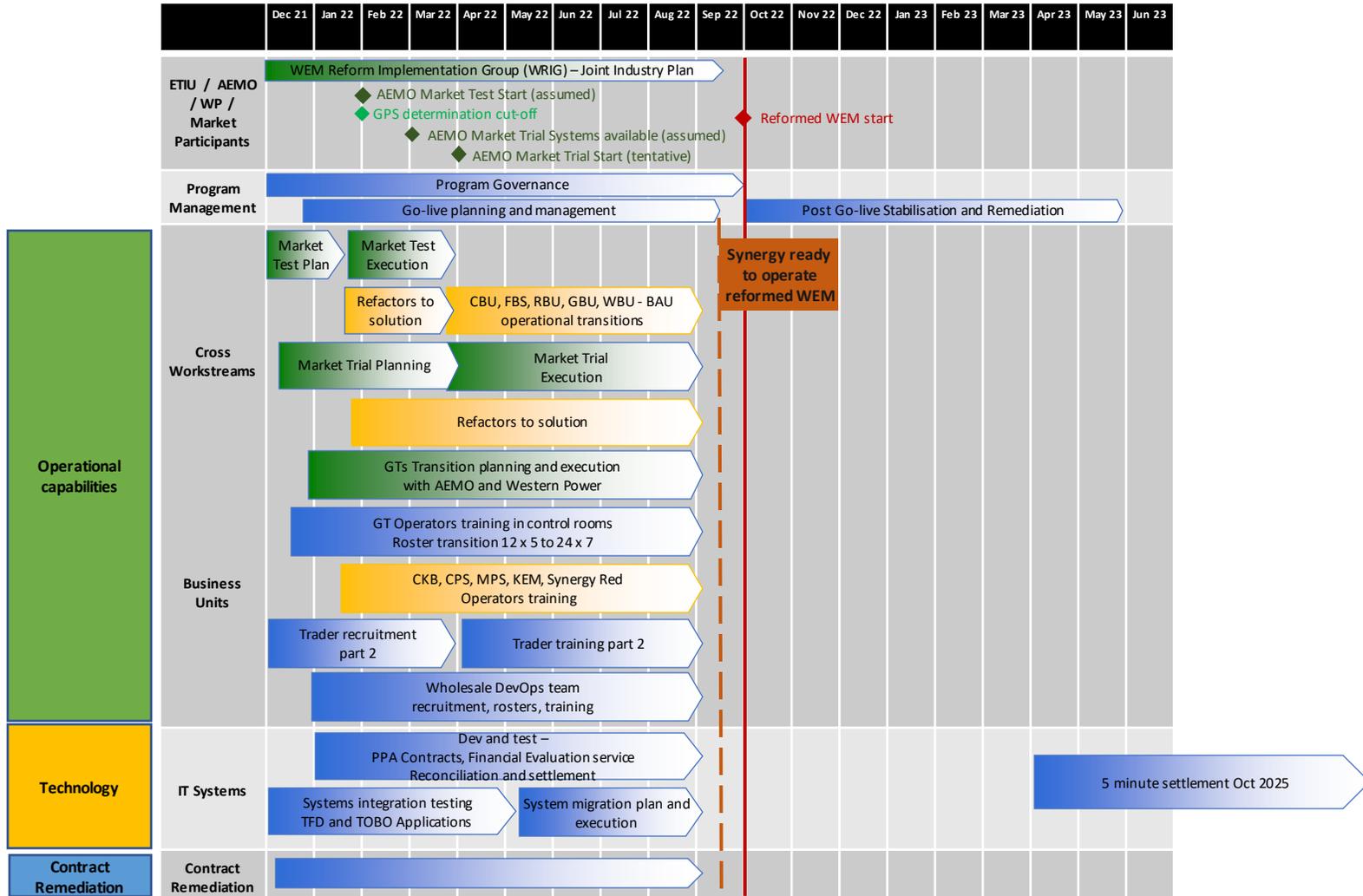


- ✓ Lead in place
- ? Lead appointment sought
- ~ Appointment scheduled for later date
- ! Resource hot-spot

Plan as at October 2020 – Part 1



Plan as at October 2020 – Part 2



Physical site infrastructure requirements have been identified and are being progressed, but transitional arrangements will need to be developed with AEMO

Completed to date

- Communications infrastructure contract awarded
- Control room contract awarded
- Pinjar Control Network tender issued
- Site SCADA options analysis commenced
- Control systems scope of work developed
- Western Power SCADA works scope issued / in negotiation

Major milestones

- Comms infrastructure works complete May 21
- Control room complete Sep 21
- Pinjar Control Network works complete Oct 21
- Site SCADA works complete Nov 21
- Control systems works complete Nov 21
- Western Power SCADA works complete Oct 21

While there are some dependencies on the AEMO, Synergy's technology program has been able to make substantial progress

Completed to date

- Systems strategy and architecture
- OT/IT integration consultancy awarded
- Environment setup
- Foundational service development
- Recruitment of key positions in technology team

Major milestones

- Application development complete – core trading system Nov 21
- Development complete – reconciliation and settlement Aug 22
- Migration planning and execution May 22

Synergy's requirements for new capabilities have been identified, and resourcing strategies developed

Completed to date

- Operating model definition
- Control room strategy and location
- Trading resource analysis and recruitment strategy
- GT control resource analysis and recruitment strategy
- Recruitment commenced for key operational roles
- Generator Performance Standards gap analysis consultancy

Major milestones

- | | |
|--|--------|
| • Completion of operator recruitment | Jul 21 |
| • Completion of trader recruitment Ph1 | Sep 21 |
| • Commencement of GT transition planning | Dec 21 |
| • Completion of trader recruitment Ph2 | Mar 22 |