



# Jemena Electricity Networks (Vic) Ltd

## Technology Plan

IT Investment Brief - 5-Minute Settlement

Non-Recurrent - Compliance



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## Glossary

Current regulatory period	The period covering 1 Jan 2016 to 31 Dec 2020
Intervening period	The period covering 1 Jan 2021 to 30 Jun 2021 includes the time between the current regulatory period and the next regulatory period. The Intervening period arises with the move from a calendar year regulatory year to financial.
Next regulatory period	The period covering 1 Jul 2021 to 30 Jun 2026
RYxx	Regulatory year covering the 12 months to 30 June of year 20xx for years in the Next Regulatory Period and the 12 months to 31 December of year 20xx for years in the Current Regulatory Period. For example, RY20 covers 1 January 2019 to 31 December 2020 and RY22 covers 1 July 2021 to 30 June 2022
CYxx	The calendar year which covers the 12 months to 31 December of year 20xx. For the current regulatory period, this is equivalent to RYxx
ACS	Alternative Control Services
AER	Australian Energy Regulator
AMI	Advanced Metering Infrastructure
JEN	Jemena Electricity Network
ICT	Information and Communications Technology
Jemena	Refers to the parent company of Jemena Electricity Network
SCS	Standard Control Services

## Metering – 5-Minute Settlement – Non-Recurrent – Compliance

Objective	<p>The objective of this investment brief is to demonstrate the link between the attached 5-Minute Settlement Market Rule Change business case and the JEN 2021-26 regulatory proposal. The justification of expenditure on the changes to the systems is in the business case document, the cost forecast project list is in this document.</p>																																																	
What We Are Recommending	<p>JEN is proposing to modify its metering and market interface systems to provide data to the market to allow settlement on 5-minute metering data.</p> <p>This involves project activities within Standard Control Services (<b>SCS</b>) and Alternative Control Services (<b>ACS</b>) and this investment brief details both kinds of project activity to allow the relationship to the business case to be followed. This division occurs because work performed on the head-end of the AMI metering solution where it connects to the mesh network of meters falls within the definition of ACS.</p> <p><b>Costs</b></p> <table border="1" data-bbox="359 824 1503 1344"> <thead> <tr> <th>Project Title (\$2021)</th> <th>Project ID</th> <th>RY22</th> <th>RY23</th> <th>RY24</th> <th>RY25</th> <th>RY26</th> </tr> </thead> <tbody> <tr> <td>5-Minute Meter Reading &amp; Global Settlement Phase 3 (SCS)</td> <td>ITEH02</td> <td>7,669,605</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5-Minute Meter Reading &amp; Global Settlement Phase 4 (SCS)</td> <td>ITEH07</td> <td>2,574,687</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><b>SCS Total</b></td> <td></td> <td><b>10,244,292</b></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5-Minute Meter Reading &amp; Global Settlement Phase 3 (ACS)</td> <td>ITEH01</td> <td>583,629</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5-Minute Meter Reading &amp; Global Settlement Phase 4 (ACS)</td> <td>ITEH06</td> <td>419,376</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><b>ACS Total</b></td> <td></td> <td><b>1,003,005</b></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Total expenditure on these <i>Non-recurrent – compliance</i> projects during the next regulatory period is \$10.2m in SCS and \$1m in ACS.</p> <p>The attached business case entitled “<i>JEN – RIN – Support – IT Business Case – 5-Minute Settlement – 20200131 – Public</i>” contains the options analysis and justification for the expenditure.</p>	Project Title (\$2021)	Project ID	RY22	RY23	RY24	RY25	RY26	5-Minute Meter Reading & Global Settlement Phase 3 (SCS)	ITEH02	7,669,605					5-Minute Meter Reading & Global Settlement Phase 4 (SCS)	ITEH07	2,574,687					<b>SCS Total</b>		<b>10,244,292</b>					5-Minute Meter Reading & Global Settlement Phase 3 (ACS)	ITEH01	583,629					5-Minute Meter Reading & Global Settlement Phase 4 (ACS)	ITEH06	419,376					<b>ACS Total</b>		<b>1,003,005</b>				
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Relationship to ICT Capital Forecast	<p>The proposed projects appear in the ICT investment plan as 2 SCS IT projects and 2 ACS Non-IT projects respectively with Project IDs: ITEH02 &amp; ITEH07, and ITEH01 &amp; ITEH06.</p>																																																	