

# ESCRI-SA Data Portal

ESCRI Knowledge Sharing Reference Group

In partnership with:



**ARENA**  
Australian Government  
Australian Renewable  
Energy Agency



**Advisian**  
WorleyParsons Group

This activity received funding from ARENA as part of ARENA's Advancing Renewables Programme

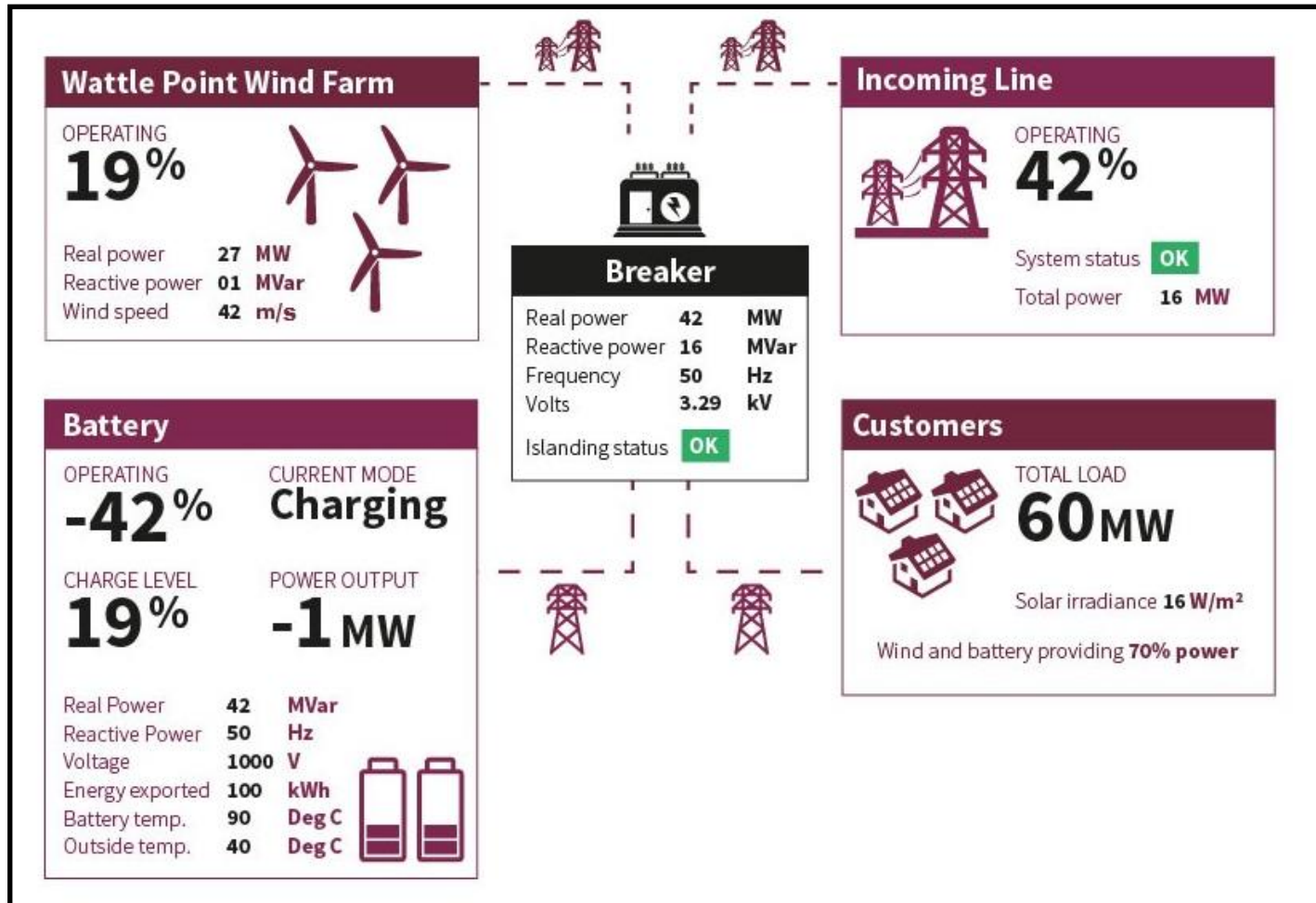
# Background To Web Portal

- > Knowledge sharing is considered an integral element of the project
- > Portal built to share knowledge/data with stakeholders
- > URL: [www.escr-sa.com.au](http://www.escr-sa.com.au) (under development)
- > Operational for the first 2 years after BESS commissioning
- > Plan for decommissioning

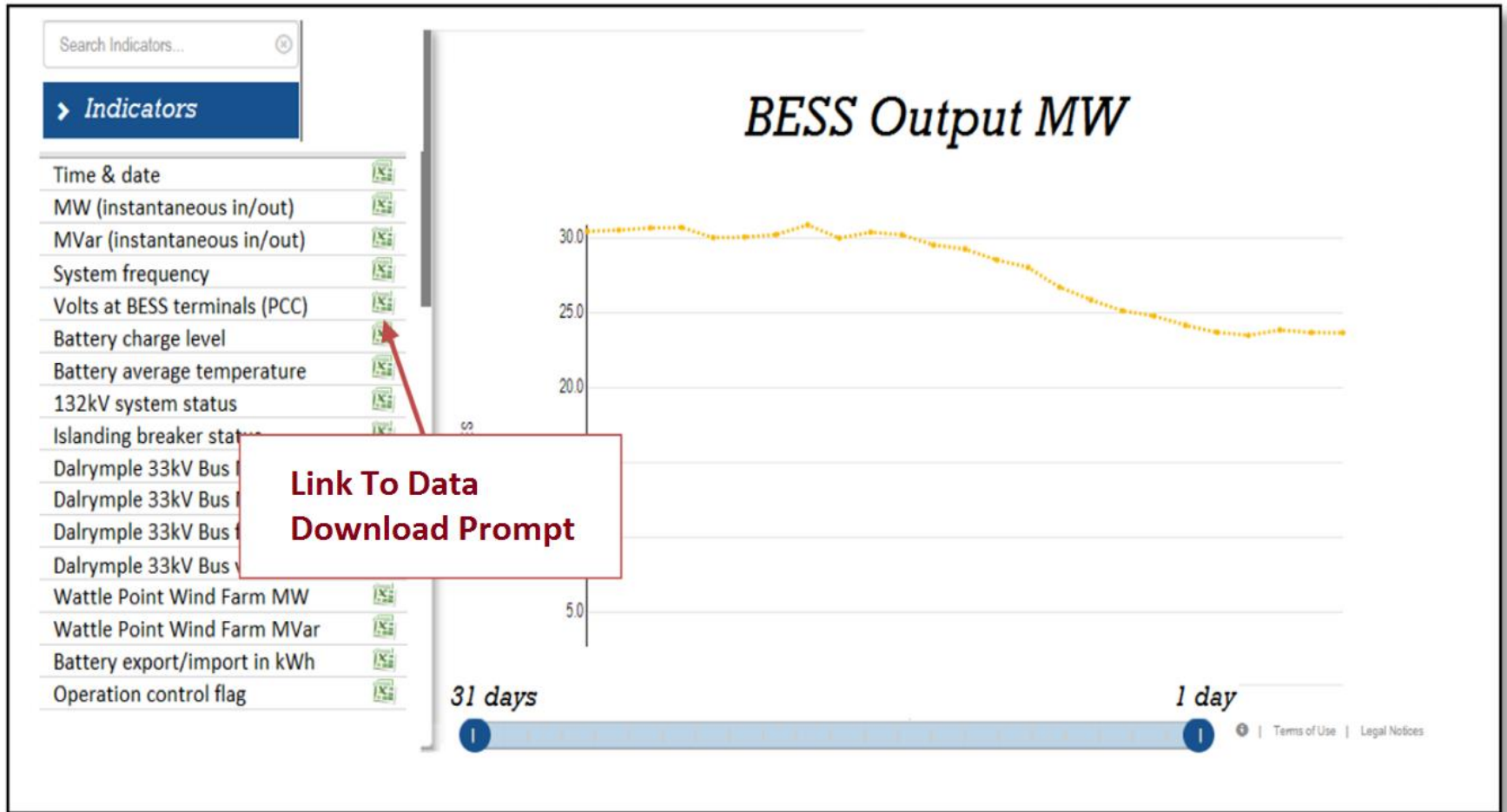
# Portal Key Functionality & Data

1. Project status and background to ESCRI project
2. Real-time state of battery and surrounding assets (Updated every 4 secs)
3. Data archive: 4-second data (rolling 31 days) and 5-minute averaged data
4. Online data visualisation tool
5. Ability to download data and reports
6. Contact page to allow for enquiries

# Real-Time Dashboard - Concept





# Visualisation Tool - Concept



# Download Prompt - Concept

**Select Data For Download:**

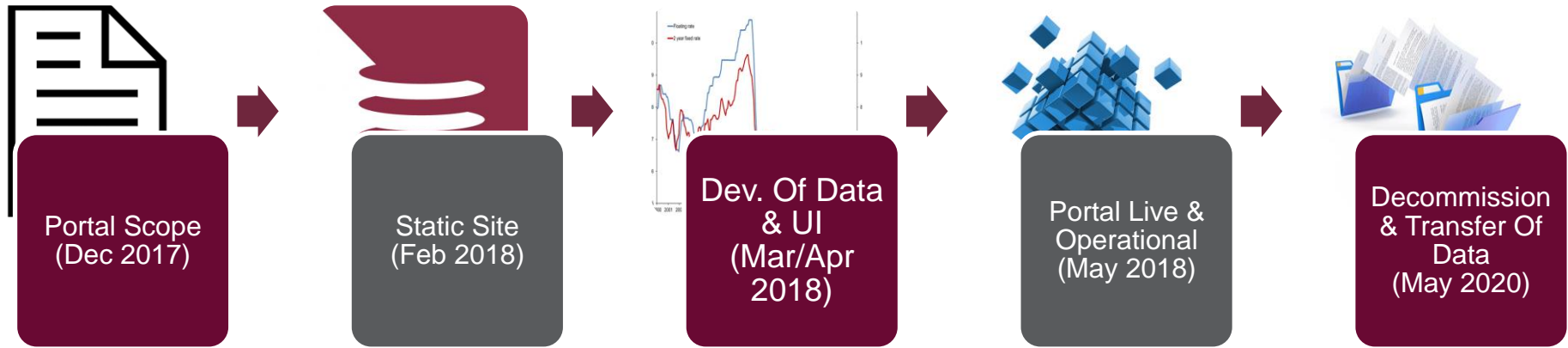
<i>31-Day Data (4 second poll)</i> 	<i>5-minute Average Data</i> 
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➔

	Select Values For Download
Time & date	<input checked="" type="checkbox"/>
MW (instantaneous in/out)	<input checked="" type="checkbox"/>
MVar (instantaneous in/out)	<input checked="" type="checkbox"/>
System frequency	<input checked="" type="checkbox"/>
Volts at BESS terminals (PCC)	<input checked="" type="checkbox"/>
Battery charge level	<input checked="" type="checkbox"/>
Battery average temperature	<input checked="" type="checkbox"/>
132kV system status	<input checked="" type="checkbox"/>
Islanding breaker status	<input type="checkbox"/>
Dalrymple 33kV Bus MW	<input type="checkbox"/>
Dalrymple 33kV Bus MVA	<input type="checkbox"/>
Dalrymple 33kV Bus frequency	<input type="checkbox"/>
Dalrymple 33kV Bus voltage	<input type="checkbox"/>
Wattle Point Wind Farm MW	<input type="checkbox"/>
Wattle Point Wind Farm MVar	<input type="checkbox"/>
Battery export/import in kWh	<input type="checkbox"/>
Operation control flag	<input type="checkbox"/>

**Download**

# Timeline For Development





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# Thank you

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# Questions