



Passion for Innovation



Customer Obsession



Drive for Results

Solar PV + Battery Storage Electrolux Dudley Park

Electrolux Home Products
Adelaide Plant, South Australia
Cooking Division

Atul Badgjar
12th Feb, 2018

Thinking of you
Electrolux



Solar PV + Battery Storage Overview



- Install 2.0MW (AC) Solar PV system on site at Electrolux Home products
- Install 0.5MW (AC) maximum capacity battery storage system to work with Solar generation
- Solar PV - 65% of generation to be used for site consumption & 35% potential grid export / charging battery
- Battery to be mainly used for peak shaving & reducing the site kVA demand
- Proposed stages may vary in sizing (but under 2.5MW capacity) & timing during implementation



Solar PV + Battery Storage Electrolux Dudley Park Layout



WESTERN BUILDING
NMI: 2002104838

- Existing 330kW (AC)
- Proposed Stage 5 - 185 kW (AC)

1st Generating Unit

EASTERN BUILDING
NMI: SAAAAA233-4

- Existing 30kW (AC)
- Proposed Solar Stage 1 - 600 kW (AC)
- Proposed Solar Stage 2 - 415 kW (AC)
- Proposed Solar Stage 3 - 450 kW (AC)
- Proposed Solar Stage 4 - 350 kW (AC)

2nd Generating Unit

- Proposed Battery Max - 500 kW (AC)

3rd Generating Unit

Existing 330 kW (AC)

Electrolux Home Products