



Australian Government

Australian Renewable Energy Agency

ARENA large-scale solar PV competitive round

EOI Application Data

March 2016

ARENA

This document summarises the aggregate cost and generation data that was submitted to ARENA in the expression of interest (EOI) stage of the large-scale solar PV competitive round.

The data presented is based on unadjusted data and disclosed as by:

- location by state
- project design: single-axis tracking or fixed-tilt.

More detailed information and analysis will be provided at completion of the Full Application stage.

During the assessment process it was noted some projects appeared to be outliers and unable to deliver on the assumptions described. These projects have the potential to distort the averages particularly in categories where there were few EOIs submitted. However, the aggregated data provides important directional information to the industry.

IMPORTANT INFORMATION

This document was prepared by the Australian Renewable Energy Agency (ABN 35 931 927 899) (ARENA).

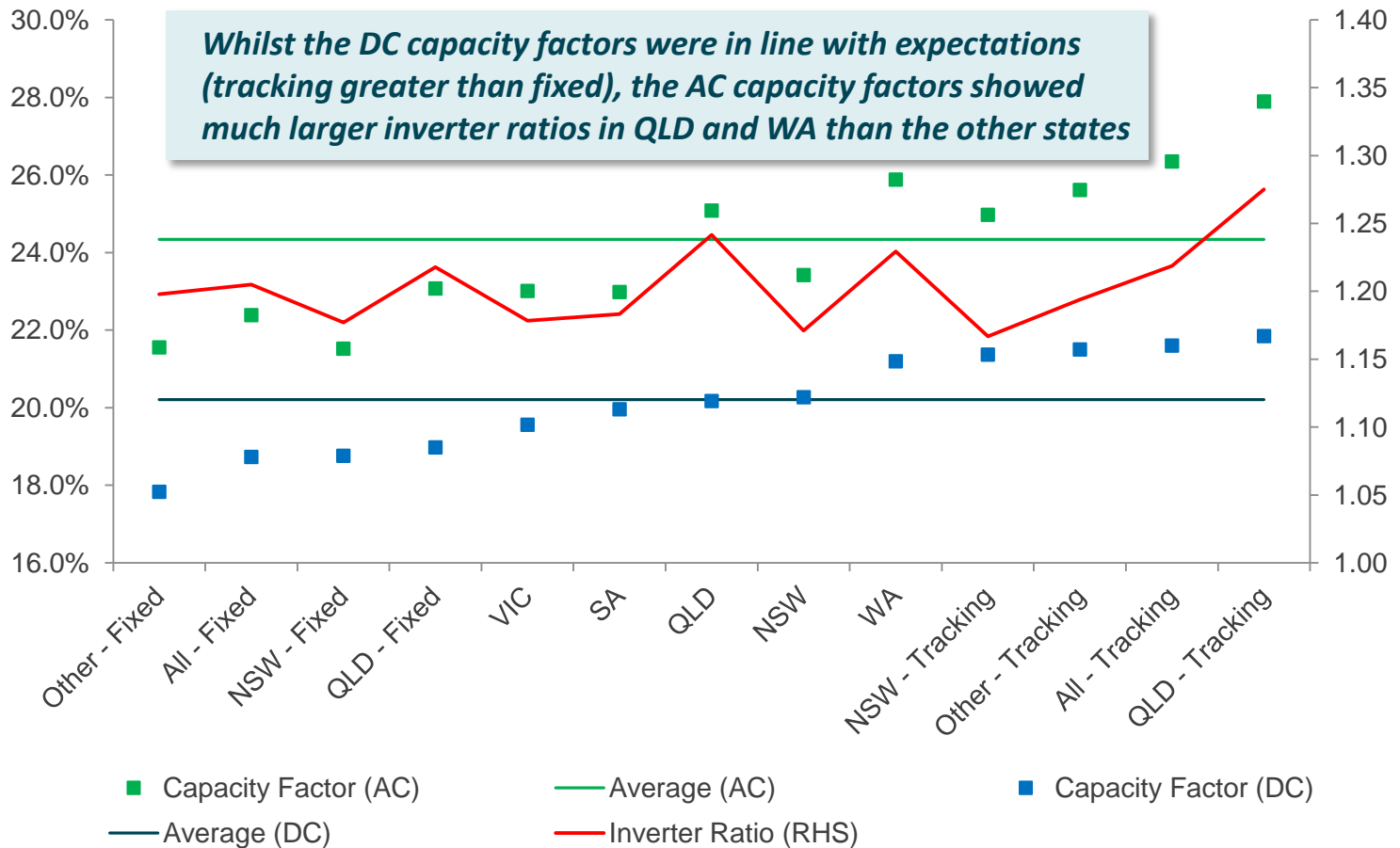
Please be aware that ARENA does not independently verify the accuracy of the information provided to it and which is included in this document. Readers are responsible for assessing the relevance and accuracy of the content.

ARENA takes no responsibility for the accuracy or completeness of the information contained herein, and will not be liable for any loss, damage, cost or expense incurred or arising by reason of any person using or relying on information in this document.

The information contained in this document should not be construed as providing legal or financial advice.

Capacity factor

Average Capacity Factor

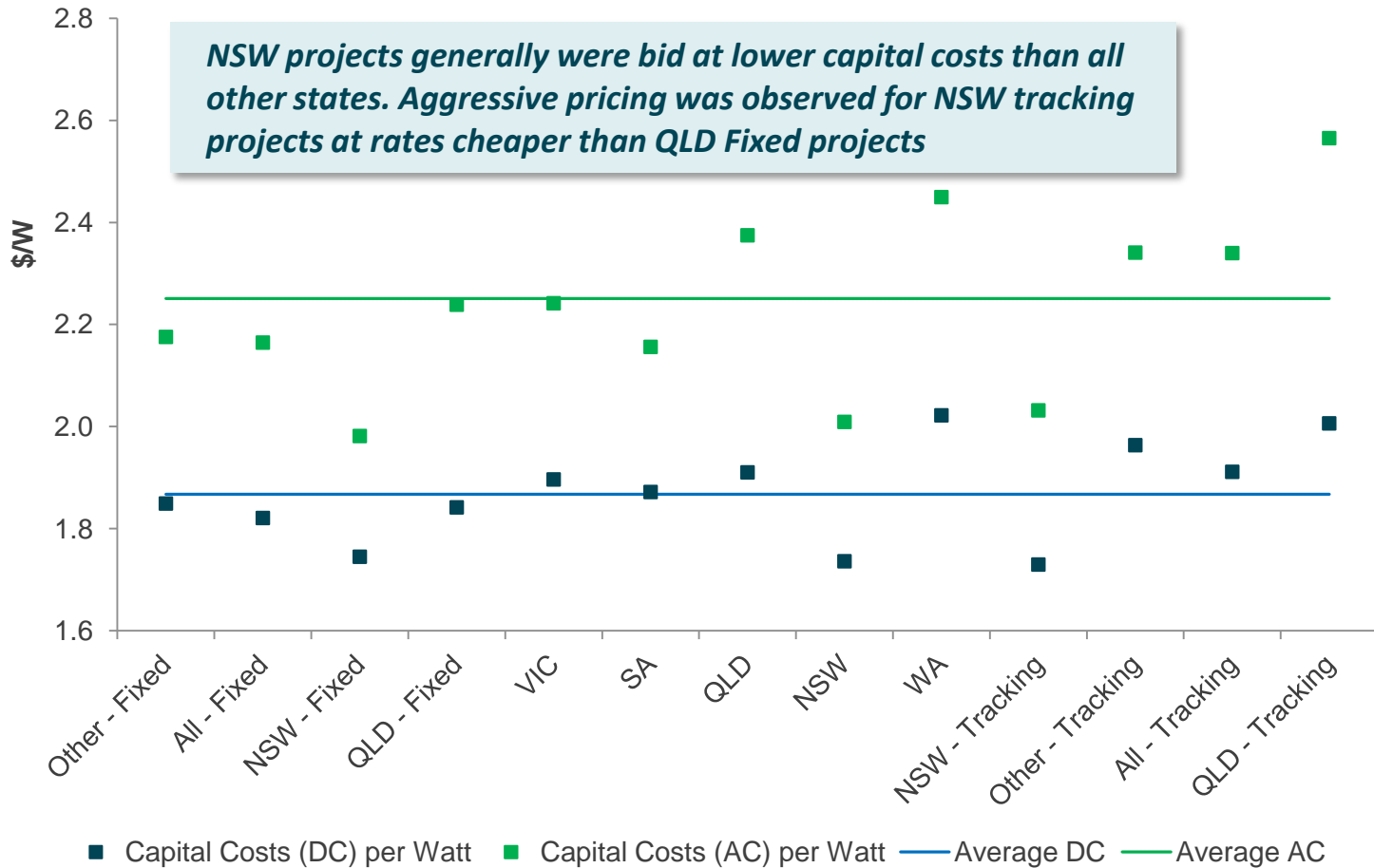


Notes:

1. Calculated on 25 years of P50 net generation including degradation
2. 'Other' includes VIC, SA and WA

Total capital costs per watt

Average Total Capital Costs per Watt of Installed Capacity

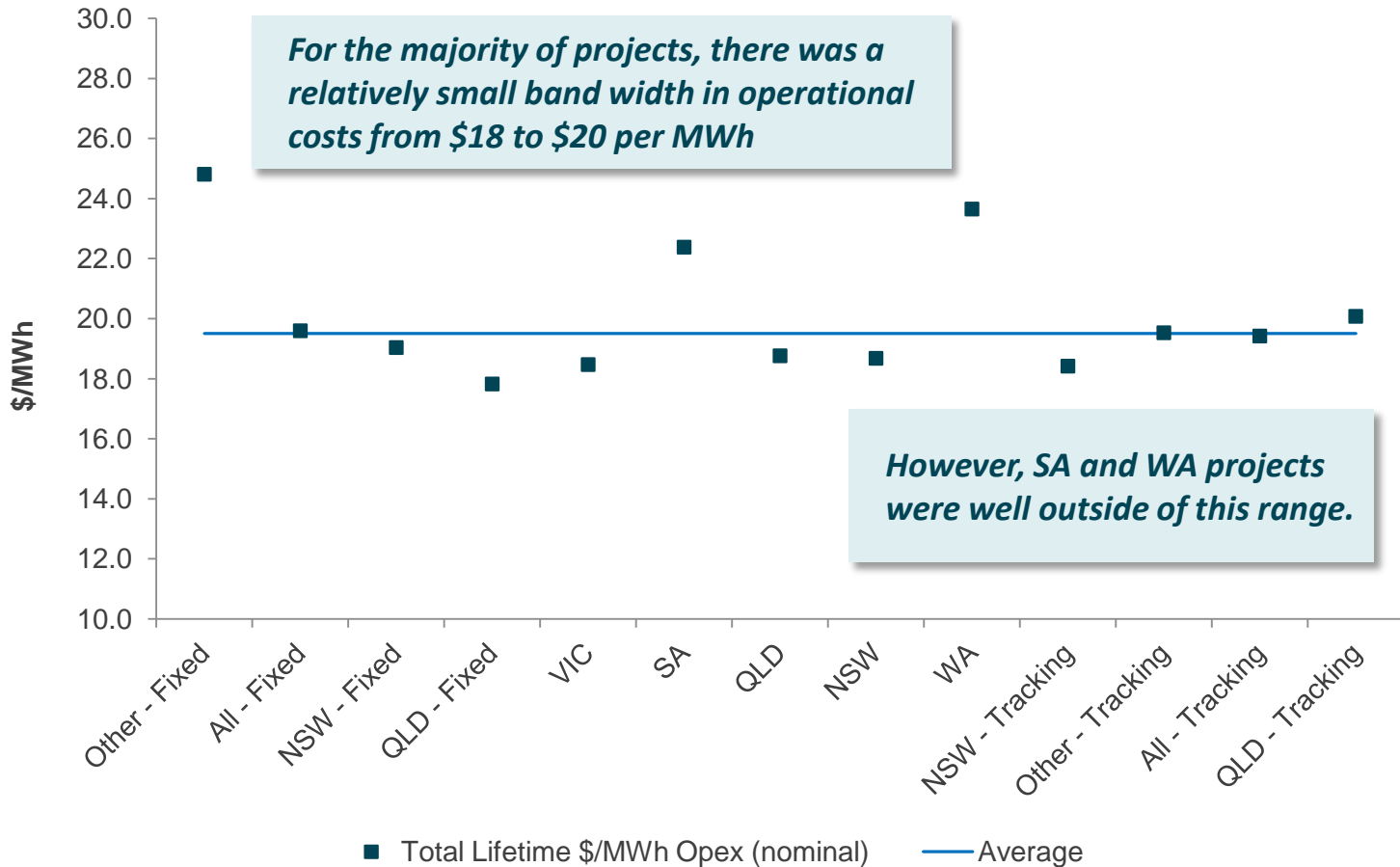


Notes:

1. Capital Costs includes all upfront capital costs, including financing costs
2. 'Other' includes VIC, SA and WA

Operating expenditure

Average Total Lifetime Opex per MWh

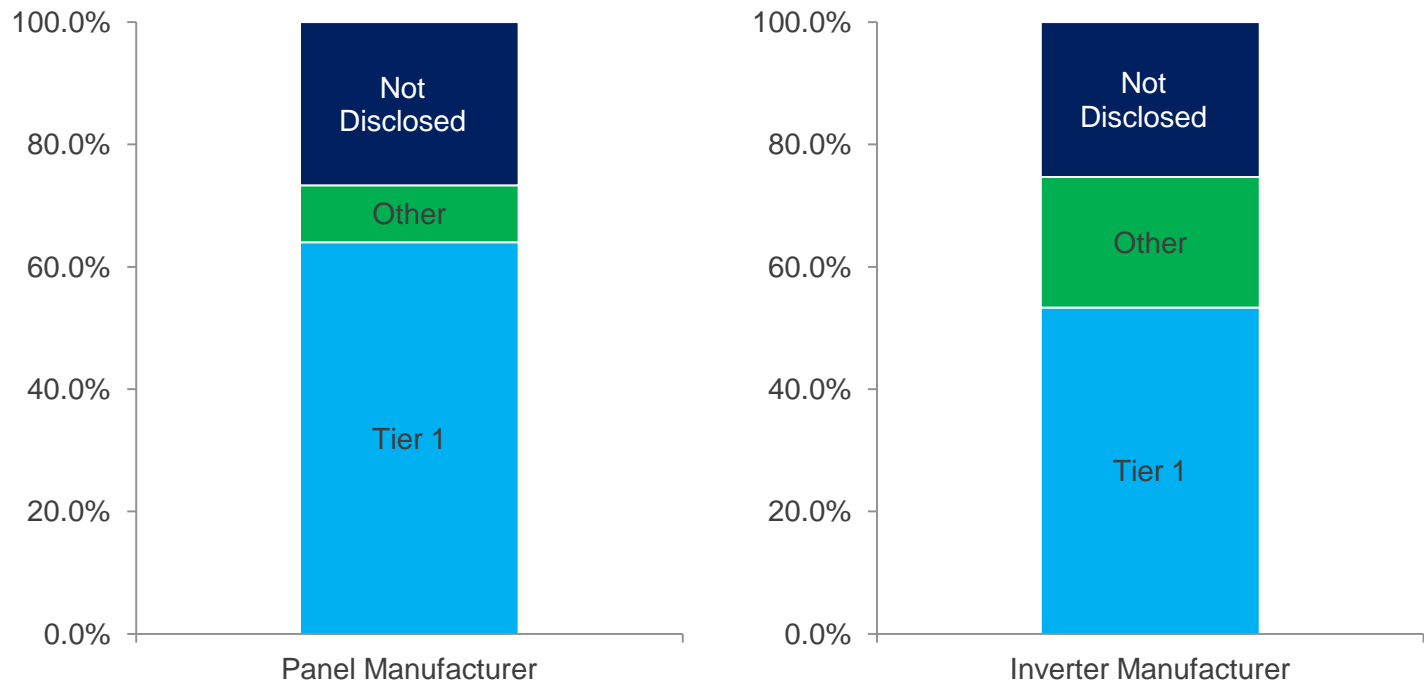


Notes:

1. Calculated on 25 years of P50 net generation (including degradation), excludes tax and interest
2. 'Other' includes VIC, SA and WA

Panels and inverters

The majority of projects assumed Tier 1 panel and inverter manufacturers would be used



Note: 'Other' refers to non-Tier 1 Panel and Inverter manufacturers

Other notable observations

- Average panel degradation across all projects was 0.5% p.a.
- The total number of eligible EOIs included in the data set were 75.
- Two EOIs were not included in the data set due to insufficient data provided.
- Slides 3 to 5 include aggregated data referred to as “Other – Fixed / Tracking”, which refer projects located in SA, VIC and WA. This category is included due to an insufficient number of fixed or tracking projects from these individual states to provide relevant (anonymised) statistics.
- The percentage of projects by state were NSW (27%), QLD (47%), SA (11%), VIC (7%) and WA (8%).



Australian Government
Australian Renewable Energy Agency

Find out more at arena.gov.au

ARENA



ARENA at LinkedIn



@ARENA_au on Twitter

Subscribe to updates: arena.gov.au/subscribe