# Introducing the 2020 Distributed Energy Resources forecasts

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Forecast Reference Group – February 26

# Agenda

1. AEMO has engaged two independent consultants to forecast distributed energy resources (DER) developments across AEMO's forecasting and planning scenarios for 2020.

2. AEMO consulted on key inputs and assumptions to apply for 2020 forecasts
   - Consultation now closed to new submissions (7th February 2020)
   - https://www.aemo.com.au/consultations/current-and-closed-consultations/2020-planning-and-forecasting-consultation-on-scenarios-inputs-and-assumptions/

3. Central Scenario assumptions to be applied in both consultant forecasts

# Preliminary feedback received through inputs and assumptions consultation

- AEMO received over 20 submissions covering a range of topics
- DER feedback covered:
  - Several submissions regarding the pace of near-term forecasts of PV development across scenarios, across multiple installation size categories
  - Impact of PV forecasts on minimum demand
  - Battery charge and discharge profiles
  - Distribution level limitations affecting uptake and/or operation of customer assets, saturation levels
  - Battery energy storage pricing assumptions

Thank you to all Stakeholders who have contributed to the Consultation. A subset of those who have responded include:

AEMO AUSTRALIAN ENERGY MARKET OPERATOR
Hydro Tasmania
sunwiz
bright new world
EnergyAustralia
erm POWER
ENGIE
FLUENCE A Siemens and AES Company
AusNet services
origin
Australian Nuclear Association
NUSCALE Power for all humankind
TESLA
Energy Queensland
ETU Electrical Trades Union of Australia Proud to be Union
Powerlink
ElectraNet

# Central Scenario policy settings affecting DER

- The Central Scenario will include all announced and funded major DER programs at Federal and State level, including (but not limited to):
  - Federal Policy initiatives, including:
    - Small-scale Renewable Energy Scheme (SRES)
    - Large-scale Renewable Energy Target (LRET)
    - Australian Carbon Credit Units (ACCUs)
  - State Government initiatives, including:

    Victoria
    - Solar Homes
    - Victorian Energy Saver Incentive Scheme

    New South Wales and Australian Capital Territory
    - Empowering Homes program
    - Next Generation energy storage program

    South Australia
    - Home Battery scheme

    Northern Territory
    - Smart Energy Grants

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