



DEMAND RESPONSE RERT TRIAL

ARENA INSIGHTS FORUM
JUNE 2019

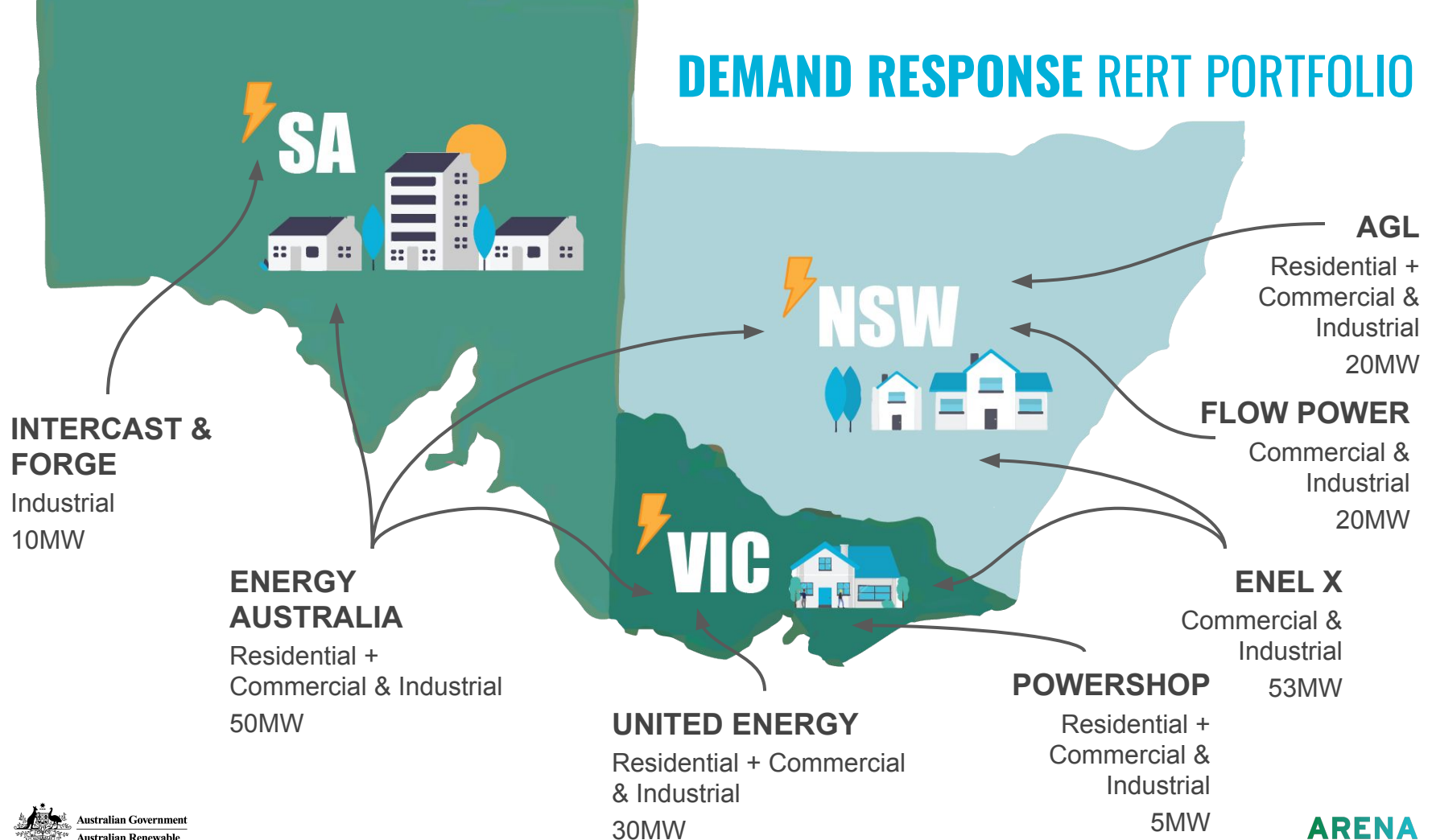


Before we start, why DR? Why RERT?

- Demand response = flexible asset
- A more flexible demand side can support the integration of variable renewables at the lowest costs.
- The Reliability and Emergency Reserve Trader (**RERT**) Trial was used to build the evidence base of DR



DEMAND RESPONSE RERT PORTFOLIO



Demonstrating Demand Response

- **Portfolio performance**
 - Year 1: 143MW goal, achieved average of 164.3MW
 - Year 2: 188MW goal, achieved average of 195.5MW
- **RERT Activation January 2019 (24 & 25)**
 - Powershop, Enel X and United Energy activated in Victoria
 - Contributed ~64 MW on both days
 - Flow Power also activated



What have we learnt?

(before we ask the panel)

- In homes, **behavioural DR** beats **direct load control**
- Increased awareness / participation **does not** = increased performance
- All **Customers** are driven by different recruitment + retention incentives
- **RERT systems are not very mature** - human, technology and communication errors occur
- Retailers have advantages over aggregators - especially wrt data
- Baselines are *tricky for some load types*