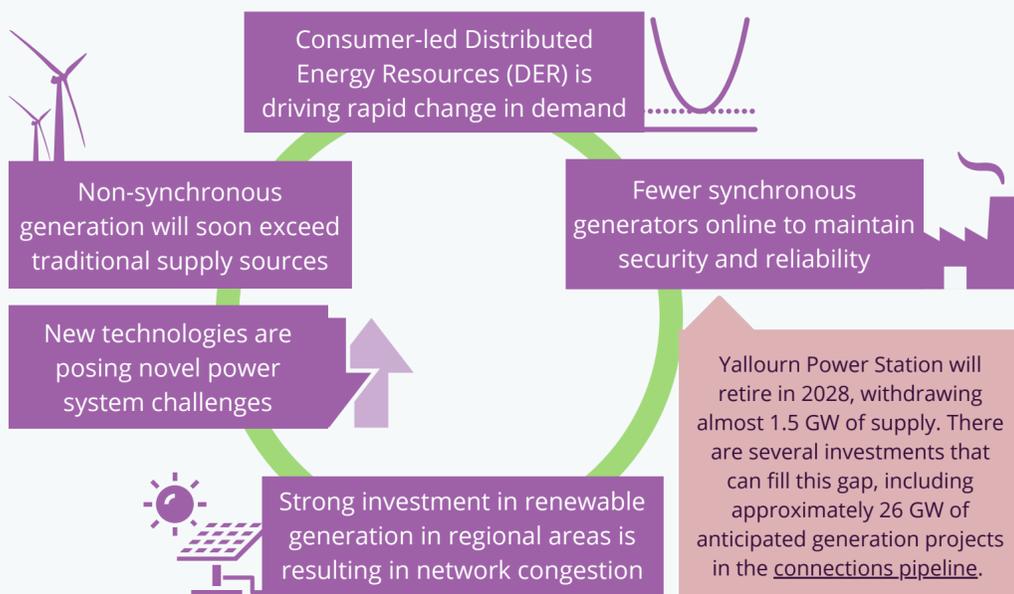


# 2021 Victorian Annual Planning Report (VAPR)

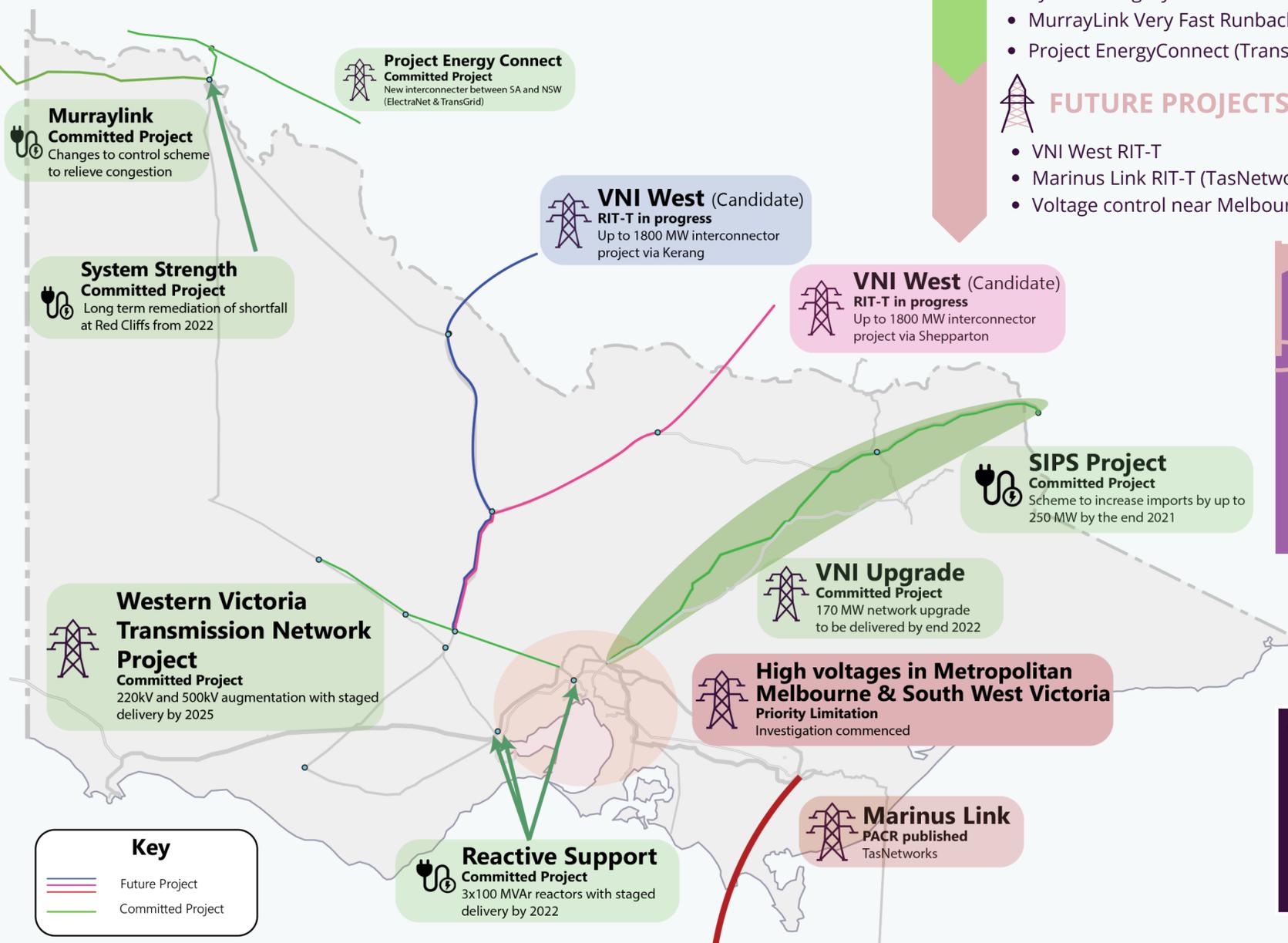
The VAPR assesses the capability, performance, and adequacy of the state's transmission network to meet Victoria's energy reliability and security needs over the next 10 years. AEMO is responsible for planning and directing augmentation on the Victorian electricity transmission Declared Shared Network (DSN).

## DRIVERS OF CHANGE

Changes in the energy landscape are impacting the complexity of power system operations. Despite these changes, the Victoria DSN remained secure in 2020-21.



## COMMITTED AND FUTURE PROJECTS IN VICTORIA



## VICTORIA DSN FAST FACTS

- The Victorian DSN connects large-scale generation to industrial customers and the distribution networks that deliver electricity to homes and businesses
- All-time minimum demand record of **2.5 gigawatts (GW)** occurred on Christmas Day 2020
- Installed large-scale generation capacity is **12.9 GW** and distributed generation capacity (installed behind the meter by households and businesses) is **3.1 GW**
- In 20/21, **1.2 GW** of renewable generation connected or commenced commissioning.



## TRANSMISSION DEVELOPMENT PLAN

AEMO's Transmission Development Plan for Victoria proposes targeted investment to adapt to these changes.

### COMPLETED PROJECTS

- Minor Upgrades to 220 kV lines in the west and north-west of Victoria
- New reactor at Keilor Terminal Station
- New series compensation equipment on the Wodonga – Jindera 330 kV line

### COMMITTED PROJECTS

- Western Victoria Transmission Network Project
- Reactive Power Support Project
- Victoria to NSW Interconnector (VNI) Upgrade Project
- Red Cliffs System Strength Remediation Project
- System Integrity Protection Scheme (SIPS) 2020
- MurrayLink Very Fast Runback scheme modification
- Project EnergyConnect (TransGrid and Electranet)

### FUTURE PROJECTS

- VNI West RIT-T
- Marinus Link RIT-T (TasNetworks)
- Voltage control near Melbourne

## RENEWABLE ENERGY ZONE DEVELOPMENT PLAN

AEMO is working with the Victorian Government on its recently launched Renewable Energy Zone Development Plan to enable new renewable generation capacity in Victoria.



Read the **2021 VAPR** for more information

