



QPRC SUSTAINABILITY TEAM

BAU and Forecast work program to Dec 2027

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- Prepare a program of CapEx emissions reductions projects
 - To be guided by preliminary business cases developed in conjunction with 100% Renewables in 25/26 FY
- Audit existing Council Solar Facilities
 - Updates to asset attributes in Strategic Asset Register
 - Inform maintenance regimes
 - Renewal planning
 - Shore up cost/benefit quantification for future business cases
- Preparation of new Climate Change Action Plan
 - Combining both operational and community plans
 - Redefine metrics framework

JAN 27 – JUN 27

- Investigate short-term Direct Metering Arrangements (DMA)
- Progress Solar / BESS / EV Charger project at Queanbeyan Pool
- Commissioning of Projects identified in CapEx program
 - Initial focus on Solar / BESS at high energy consuming sites
- Complete Council Capacity Building Fund procurement

JULY 27 – DEC 27

- Review and implement options for updating to Council's Urban Heat Mapping
 - Can engage consultant analyst to assess LandSat data
 - Can engage consultant to develop GIS tools to assess in house
 - Can leverage internal expertise to complete project
 - Cost effective way to assess 'n' years of data for most meaningful results

BUSINESS AS USUAL - GRANTS

- Funding secured under the Community Energy Upgrade Fund (CEUF) Round 2
 - Powering Googong WRP and Captains Flat Pool”
 - \$65,000 in grant funding for up to 50 per cent of the total eligible project expenditure
 - 6.6kW solar PV system with a 13kWh BESS at Captains Flat Pool
 - 99kW PV solar system with 30kWh BESS at Googong Water Reclamation Plant

BUSINESS AS USUAL – GRANTS

- Council Capacity Building Fund
- Non-competitive grant focussed on enabling capacity for supporting EV charging growth
- Officers currently scoping opportunities with focus on:
 - Policy
 - Strategic planning, and
 - Standardised terms for private CPO licencing of public spaces
- Applications due prior to 22 March 2027

BUSINESS AS USUAL – EV TRANSITION

- QPRC Fleet
 - Leaseback: 7 EVs (with 3 on order to replace ICE)
 - Leaseback: 5 PHEVs
 - Fleet EVs: 3 x pool Cars
 - Fleet PHEVs: 2 x pool cars
- Public EV Chargers (Facilitated 28 Charging ports on public land to date)
 - Support for CPOs – Drive Electric NSW EV Fast Charging Grants
 - Captains Flat - Awarded
 - Bungendore - Awarded
 - Braidwood – Awaiting announcement
 - Queanbeyan - Awarded

BUSINESS AS USUAL – EMISSIONS INVENTORY

- Scope 3 GHG emissions inventory – First at QPRC
 - FY2023-2024 data was used to prepare the emissions inventory.
- Total FY2023-2024 emissions were 43,877 t CO₂-e,
 - 28% Scope 1 – (Waste water treatment and fuel use)
 - 7% Scope 2 – (Electricity usage)
 - 65% Scope 3 – (Purchased goods/services)
- PPAs
 - Electricity supply agreements for 19 large sites and 227 small sites have been organised through PPAs.
 - Approximately 227 small sites and 2 large sites, all supplied with 100% renewable energy under the small sites and large sites PPAs
 - PPA benefits extended to community facilities through inclusion of Section 355 sites in the small sites PPA.

BUSINESS AS USUAL – CLIMATE PROJECTIONS

- Developed and adopted climate change projections for 2030, 2050 and 2070
- Projections are based on AdaptNSW and NARClIM data
- Projections are available on Council's website ([LINK](#))
- Assists Council and the community in understanding climate risks and supports decision-making across
- Preparation of revised Climate Change Action Plan



PRIORITY SOLAR & BATTERY PROJECTS

CapEx Project Work

qprc.nsw.gov.au

BICENTENNIAL HALL



- 27kW Solar Array
- 48kWh Battery Storage

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- 27kW Solar Array
- 48kWh Battery Storage

QUEANBEYAN WORKS DEPOT



- 63kW Solar Array
- 144kWh Battery Storage

JERRABOMBERRA REGIONAL SPORT CENTRE



- 66kW Solar Array
- 104kWh Battery Storage

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