

Switch Electric (HP or resistance) water heater to tariff with solar sponge and off-peak blocks; Residential or Small Energy Consuming Customer (SECC) Only	Activity No.
	WH3

1. ACTIVITY SPECIFIC DEFINITIONS

Off-Peak Controlled Load (OPCL) Tariff (Solar Sponge) means the companion electricity tariff for residential or small business electricity consumers, band 3 “Usage Solar Sponge” as defined in Table 17A-3, in section 17.4.2 of the South Australian Power Networks (SAPN) *2020-25 Tariff Structure Statement Part A* (June 2020); OR another tariff approved by the Minister or their delegate.

2. ACTIVITY DESCRIPTION (SUMMARY)

Switch the metering and control of an electric (resistance) or electric (heat pump) storage water heater to the SAPN off-peak controlled load (OPCL) tariff (solar sponge) tariff, or another tariff approved by the Minister or their delegate.

3. ACTIVITY ELIGIBILITY REQUIREMENTS

- (1) Any residential or small energy consuming customer premises in South Australia where the installed product requirements and minimum installation requirements can be met.
- (2) Existing electricity metering for the premises and the electric (heat pump or resistance) storage water heater must use a type 6 electricity meter, or an equivalent meter approved by the Minister or their delegate.
- (3) Activity WH3 has must not have previously been implemented for the electricity customer at the same premises.
- (4) Premises is not eligible if it is mandatorily assigned to a controlled load time of use tariff in accordance with SA Power Networks tariff structure statement or the Electricity (General) Regulations 2012.
- (5) Residential consumers moving from OPCL tariff to a whole of house residential ToU or Residential Prosumer are eligible. However, evidence must be retained that that the hot water electricity consumption is managed within off-peak and solar sponge periods as defined in the SAPN Tariff Structure Statement. Consumers would remain eligible for the TOU1 activity.

4. INSTALLED PRODUCT REQUIREMENTS

Premises must have an electric (heat pump or resistance) storage water heater with a storage capacity of at least 125 litres.

5. MINIMUM INSTALLATION REQUIREMENTS

- (1) The customer must switch their electric (heat pump or resistance) storage water heater to the OPCL tariff (solar Sponge), as defined by SAPN, or another tariff, approved by the Minister or their delegate.
- (2) Customers must fulfil the requirements of the energy retailer and SAPN for utilisation of the off-peak controlled load tariff.
- (3) The electricity retailer tariff must fully pass through the SAPN OPCL (solar sponge) tariff.

6. NORMALISED REPS GIGAJOULES

The normalised REPS gigajoules achieved from undertaking this activity is equal to:

Normalised REPS gigajoules = Productivity Factor (as per table below) x number of eligible appliances

ACTIVITY WH3 – PRODUCTIVITY FACTORS

Activity	Productivity Factor
Move Electric Heat Pump Water Heater to OPCL Tariff (Solar Sponge)	15.65
Move Electric Resistance Water Heater to OPCL Tariff (Solar Sponge)	22.02

7. GUIDANCE NOTES (INFORMATIVE ONLY – NOT MANDATORY)

The SAPN Off-Peak Controlled Load (OPCL) Tariff (Solar Sponge) tariff is based on usage from 9:30am to 3:30pm (Central Standard Time) with randomised start time of at least one hour. Charging is at 25 per cent of the single rate price per kilowatt hour (kWh). The time clock is managed through the meter by the retailer and the metering coordinator.

The South Australian Power Networks (SAPN) *2020-25 Tariff Structure Statement Part A* (June 2020) can be found at: <https://www.sapowernetworks.com.au/public/download.jsp?id=9508>

This activity is deemed for 10 years.