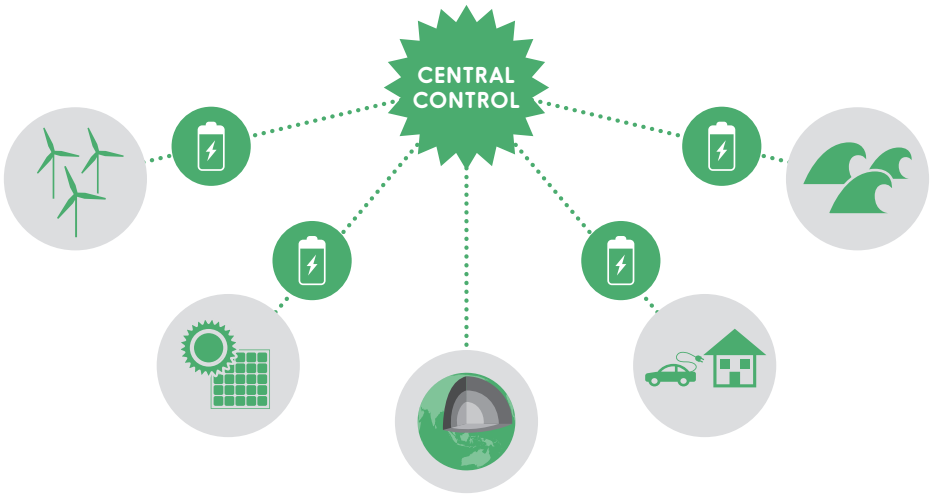
ELECTRICITY IN 2050

Renewables Thrive Scenario

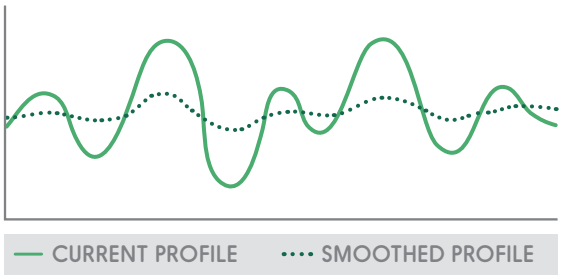
STORAGE PLAYS A LARGE ROLE IN ALL ASPECTS OF THE ELECTRICITY SYSTEM.

Storage supports a **100% share of renewables in centralised power** supply by 2050, high electric vehicle uptake (37% by 2050) and strong demand control.



Storage

Batteries are used widely in houses, cars and at large scale at power stations.



Battery storage smoothes out the intermittency of renewable-generated energy and helps to **level the profile of peak electricity demand.**

Scenario Snapshot

CHANGES TO BILLS

	2013	2050
Annual residential electricity bills	$1771	$2502
Share of income spent on residential electricity bills	2.5%	2.6%

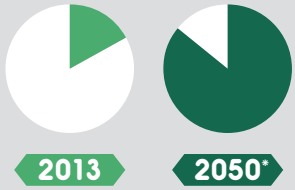
COST

The level of investment and running costs required to realise this scenario by 2050

$936 BILLION

RENEWABLES

Share of renewable electricity generation



*some fossil generation remains in decentralised supply