

# Powering Queensland: Our renewable energy achievements

Rural solar farm

## The transition to a renewable energy future is happening now.

We've got the highest level of rooftop solar PV in the country, and our large-scale renewable energy industry is experiencing unprecedented growth.

The Government is committed to a planned and measured approach to achieving a target of 50 per cent renewable energy by 2030, enabling us to continue using our coal and gas generation portfolio to ensure a steady transition to a renewable energy economy that supports new skills and jobs, while stabilising energy prices.

### Small-scale solar

Solar PV is now Queensland's largest electricity generator with more than 1,700 megawatts of installed solar generation capacity – that's more than 438,000 Queensland homes enjoying the benefits of solar.

The Queensland Government's comprehensive package of initiatives to support the sustainable growth of solar PV include a solar for public housing trial, enabling systems up to 30kW to be eligible for the regional feed-in tariff, providing a time varying feed-in tariff and reducing connection costs and constraints.



Solar rooftops in suburban Queensland

### Large-scale renewables

Since January 2016, we've had an unprecedented level of renewable energy investment activity in Queensland, with 17 large-scale projects either commencing construction or finalising commercial arrangements.

When complete, these projects will deliver almost 1,200 megawatts of clean power to the state, more than doubling Queensland's current renewable energy supply – providing the annual energy needs for approximately 520 000 houses, boosting investment by more than \$2.2 billion and create 2200 new jobs, mostly in our regional centres. This additional energy supply will also help put downward pressure on wholesale prices.

There are a further 5,300 megawatts of proposed projects in the pipeline, demonstrating the significant potential of this industry.

The Solar 150 initiative – our large-scale solar investment program, in collaboration with the Australian Renewable Energy Agency – encourages the development of local, large-scale solar projects. Through this initiative we're providing financial support to four large-scale solar projects, and will undertake another reverse auction for an additional 400MW of renewable capacity, 100MW of which will be for energy storage under our Powering Queensland Plan <https://www.dews.qld.gov.au/electricity/powering-queensland-plan>.

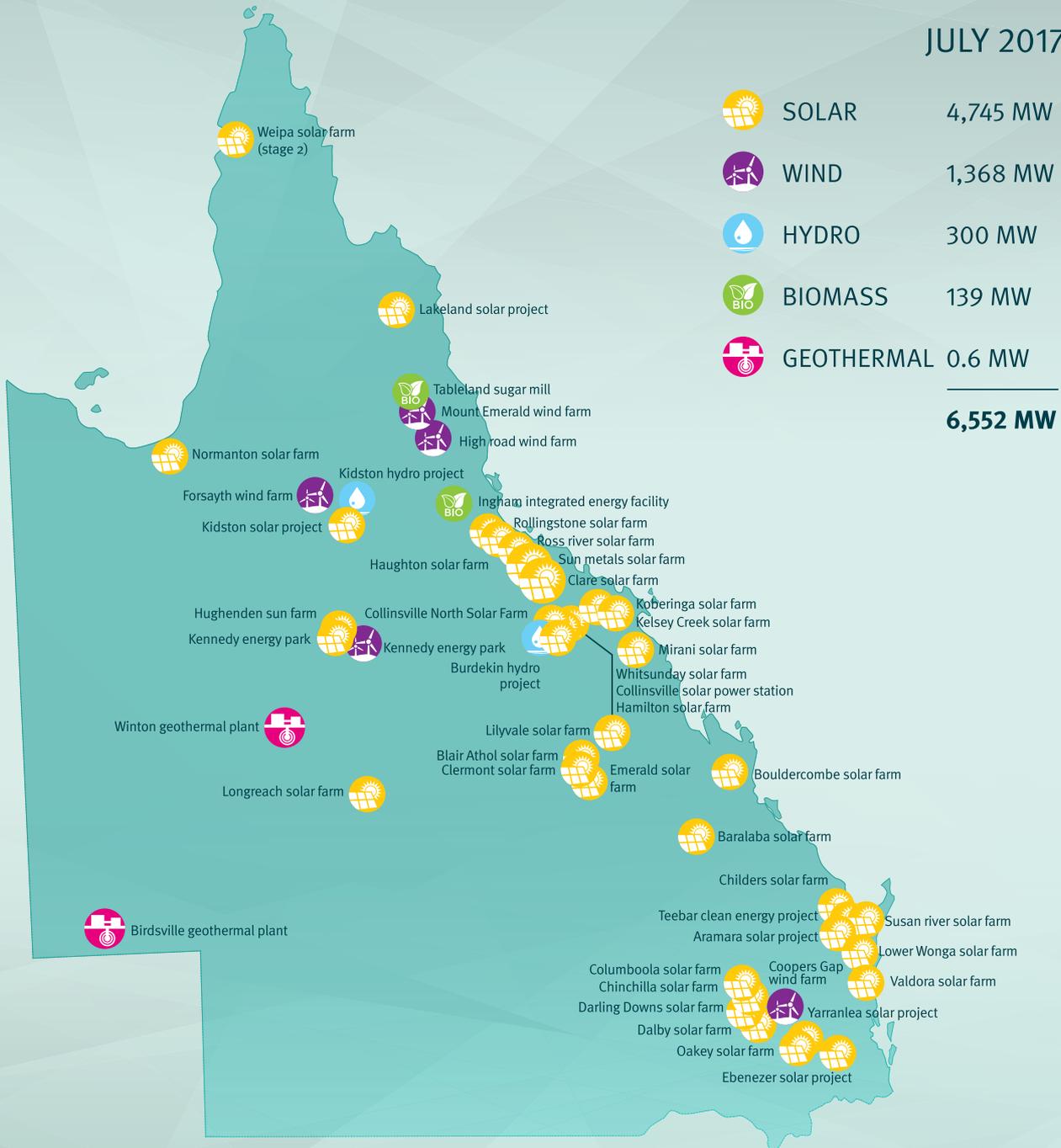
Based on the positive outcomes of the independent Expert Panel public inquiry, the Government reaffirms its commitment to a 50 per cent renewable energy target for Queensland by 2030.

Achieving a 50 per cent renewable energy target has the potential to deliver broad benefits to the economy, particularly in regional Queensland. The Expert Panel found that the target could drive \$6.7 billion of new investment, and deliver a net increase in employment of 6400 - 6700 full-time equivalent positions on average per year between 2020 and 2030.



# Queensland's renewable projects

JULY 2017



The Queensland Government is committed to achieving a target of 50 per cent renewable energy by 2030 – maintaining affordability while reducing emissions and acting on climate change, creating new jobs and diversifying the state's economy. To learn more about our Powering Queensland Plan, visit <https://www.dews.qld.gov.au/electricity/powering-queensland-plan>

For more information about energy in Queensland, visit [www.dews.qld.gov.au](http://www.dews.qld.gov.au)

You can also check out our interactive energy generation map at <https://maps.dnrm.qld.gov.au/electricity-generation-map/>