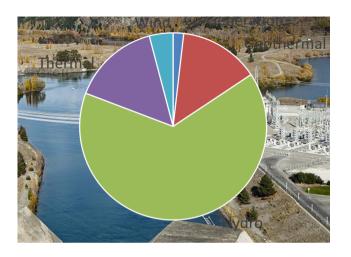
The transition to low carbon economy

2018 OERC Energy and Climate Change Symposium John Clarke, GM Operations

















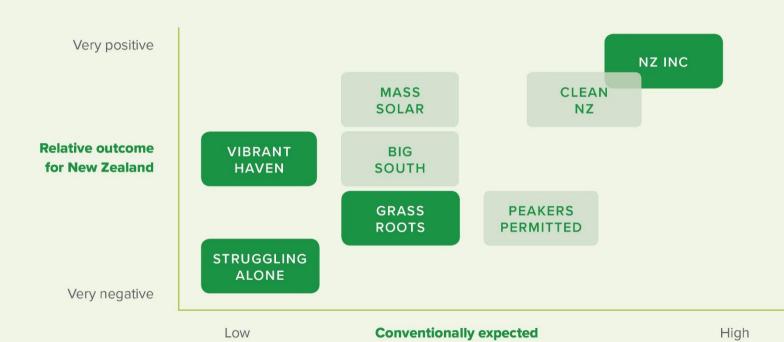
SCENARIOS CONSIDERED FOR





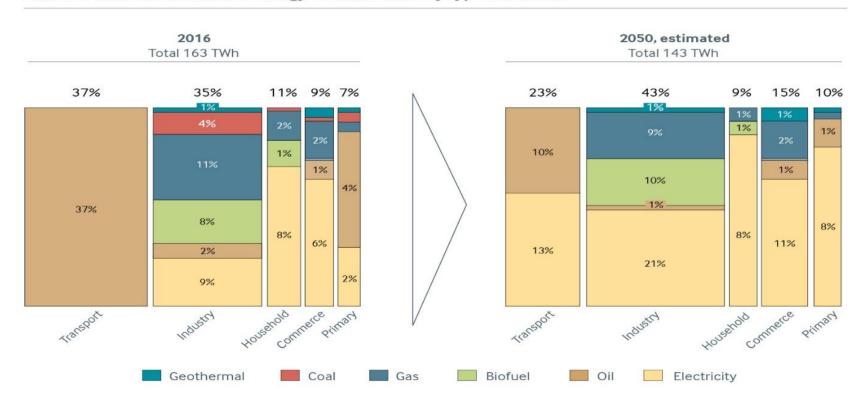
likelihood of manifesting





Transformation of the energy sector

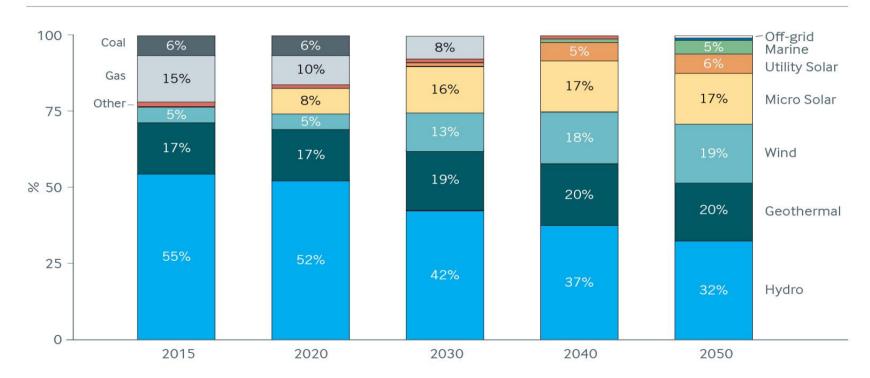
Exhibit 8: Estimated delivered energy demand share by type and sector





Powering the Transformation

Exhibit 11: Composition of New Zealand's electricity supply portfolio by generation type – 2015 to 2050

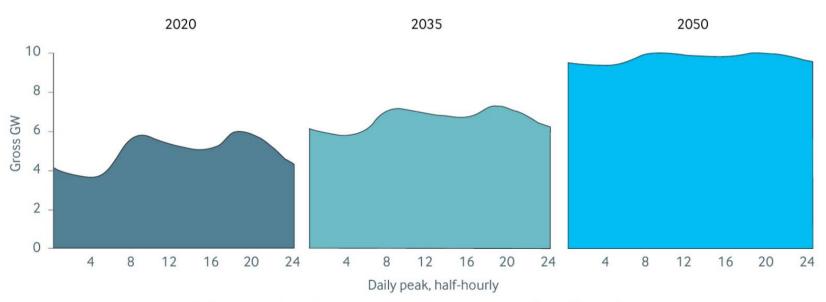




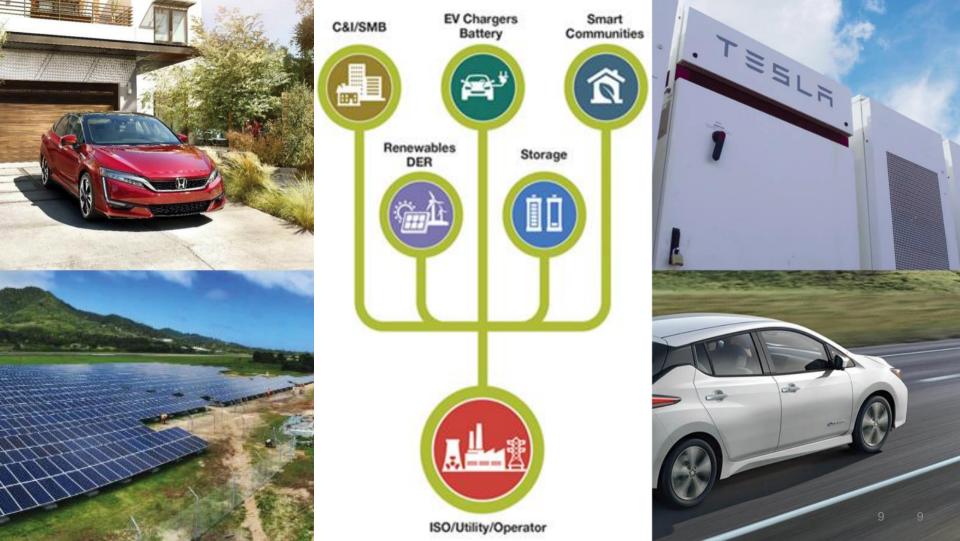


Smoothing the peaks – optimising investment

Exhibit 5: Average daily winter load profile estimated

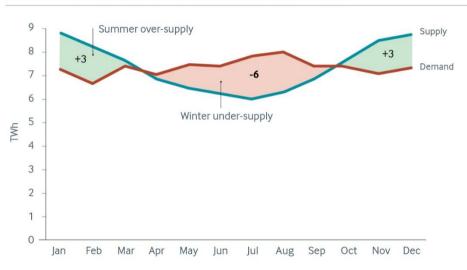


Note: Analysis based on average winter day, not the most "peaky" day of the year.



The summer-winter challenge

Exhibit 15: Monthly supply and demand estimate for normal year



Monthly supply and demand estimate for dry year









There is an exciting future ahead of us—we now need to grasp it.

