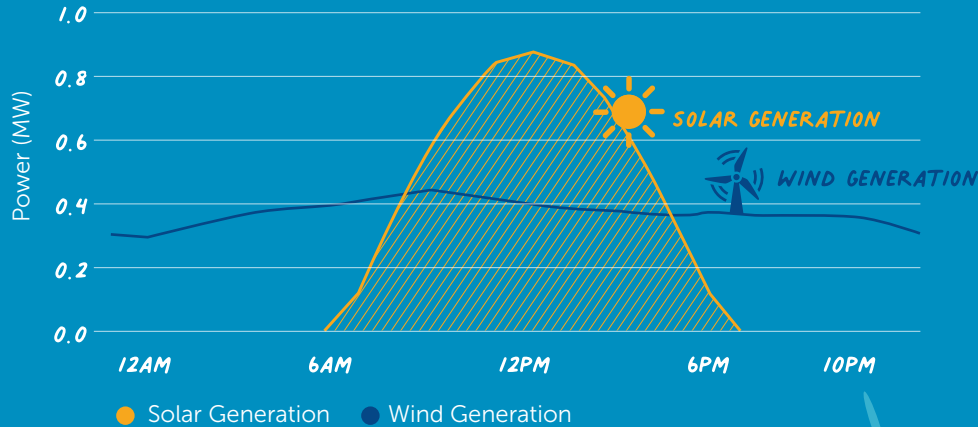


TECHNOLOGIES

WHAT TECHNOLOGIES WILL COVER YACK'S NEEDS



CRITICAL QUESTION

HOW MUCH DO WE NEED AND WHAT COMBINATION WILL WORK BEST?

WITH SOLAR AND wind generation, THE NEED FOR STORAGE IS reduced by a FACTOR OF 10
e.g. 3 MWh INSTEAD OF 30 MWh



USE LESS • GENERATE • STORE • SHARE

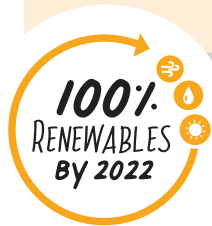
TECHNOLOGIES

WHAT TECHNOLOGIES WILL COVER YACK'S NEEDS

GENERATION Solar power, wind power

- STORAGE**
- **Pumped hydro energy storage**
(larger footprint, specific site reqts)
 - **Batteries**
(small footprint, easy to site, expensive)
 - **Hot water systems**
(easy to implement, saves significant energy)
 - **Space heating and cooling**
(preheat or cool when energy plentiful)

EFFICIENCIES Improve building thermal envelopes
More efficient appliances



USE LESS • GENERATE • STORE • SHARE



NEED TO KNOW MORE?

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