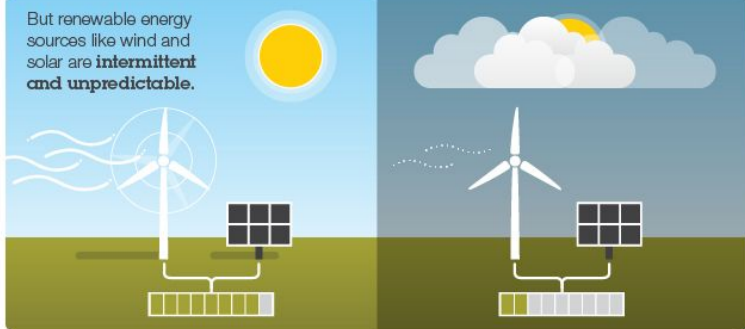


Sophisticated weather forecasting and analytics matures renewable energy market

Wind power is increasingly generating more of the world's electricity.¹

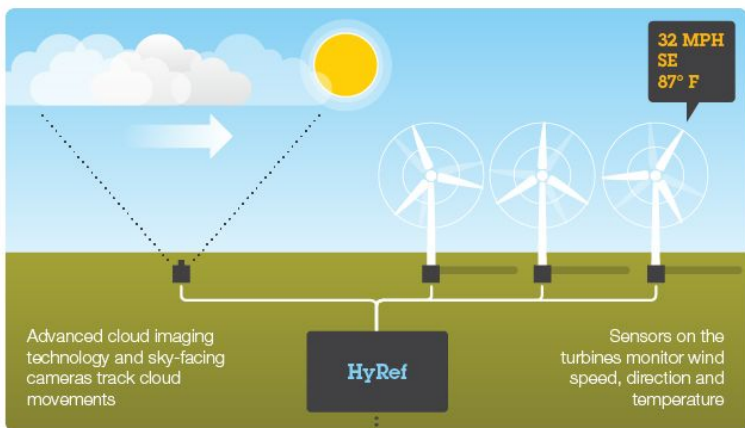


But renewable energy sources like wind and solar are **intermittent and unpredictable.**

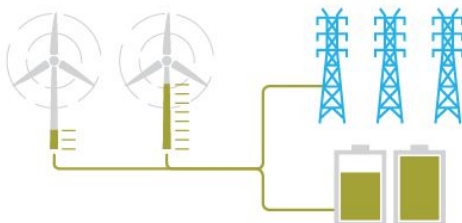


A solution

The Hybrid Renewable Energy Forecasting solution (HyRef) uses data gathered from monitoring devices and analytics technology to produce accurate local weather forecasts within a wind farm as far as one month in advance, or in 15-minute increments.



With this level of insight, utilities can **better manage** the variable nature of wind and solar, and more accurately forecast the amount of energy that can be redirected into the power grid or stored.



Understanding the value

HyRef can increase the amount of **renewable power generation** integrated in the grid by

10%

where otherwise this energy would be lost.²



This amount of **additional energy** can power more than

14,000

homes.³



¹ Global Wind Energy Council
^{2,3} Based on the Zhangbei 700MW Demonstration Project