

THE BENEFITS OF A SMART METER



Consumer

- Elimination of estimated bills from remote meter reads
- Increased awareness and control over energy costs due to accurate and frequent smart meter data
- Maximise the value of solar and battery systems through measurement of solar exports
- Greater access to new and innovative retail products including demand response and TOU pricing
- Remote control energisation makes moving house easier
- Lower prices driven by increased retail competition
- Faster restoration and reduced blackouts due to smarter grid



Retailer

- Eliminates manual meter reading costs
- Reduced complaints and customer pain points from remote meter reading/estimated bills
- Improved customer experience from monthly billing, helping customers manage costs and reduce bill shock
- Reduced safety incidents by reducing site visits
- Real-time data improves demand forecasting/consumer insights
- Reduced unbilled consumption and energy theft
- Enable VPP and DER schemes using through-the-meter control of solar, batteries and electric vehicles



Network

- Improved safety due to neutral integrity monitoring
- Avoid infrastructure investment through improved asset performance insights and targeted maintenance
- Better outage management/restoration via real-time data
- Dynamic voltage control helps manage network peaks
- Enables effective management of DER such as solar by providing granular control and export limiting e.g. S.A.
- Coordinate smart charging infrastructure for Electric Vehicles



Government and Regulator

- Enables the pivot to renewables by helping grids manage higher penetrations of rooftop solar PV and other intermittent renewable sources
- Provide a rich source of data for energy policy and efficient market investment and operation
- Improves the stability and reliability of the grid from real-time provision of data
- Helps deliver Federal & State emission targets, DER strategies & Federal Technology Roadmap
- Roll out creates 1000's of jobs from field technicians to data scientists and other support roles