THE ELECTRICITY METER: A BRIEF HISTORY





Basic Accumulation Meter

- 70-year old technology
- One set of billing data every 90 days
- Manual, on-site reading only
- Over 4.1 million (50%) in the National Electricity Market (ex. VIC)



Standard Interval or 'Time of Use' Meter

- 20-year old technology
- Billing data taken every 30 minute interval and stored
- Manual, on-site reading only
- Over 2.4 million (30%) in the National Electricity Market (ex. VIC)



1st Generation Smart Meter

- Standard meter since the 2006 Victorian rollout
- Remote reading and services
- 5 minute billing data, provided remotely
- Remote disconnection and reconnection
- Dynamic pricing
- Over 1.6 million (20%) in the National Electricity Market (ex. VIC)



The Next Generation Smart Meter

- Being deployed today
- Additional services include:
 - Solar & battery monitoring (incl. FCAS Markets)
 - Electric vehicle charging control
 - Hot water dynamic load control
 - Demand response and Virtual Power Plant (VPP) enablement
 - Non-intrusive load monitoring (appliance insights)
- Real-time data capable
- Already unlocks new energy products in the market