



## Client Success Story

# Top 50 ASX Listed Energy Utility / Enterprise Analytics Platform

### Challenges

- Reporting was a mix of Oracle, Maximo and excel based reporting.
- Business lacked the ability to access and analyse data quickly.
- Reporting business logic not documented.
- Knowledge loss with staff turnover.
- Inconsistently applied business logic.
- Data integrity of spreadsheet based reporting was questionable.
- Inefficiencies in re-keying of data and manual data entry.

### Solution

Lucid Insights was a key contributor to the program of work, which included both external consulting companies and internal staff. Lucid Insights at times undertook several roles such as overall design lead, project stream lead, hands-on development, Power BI training and oversight of the BAU support function.

The overall solution involved the following:

- Design and implementation of:
  - Several storage mechanisms including a Landed Data Area, Data Marts and Data Warehouse.
  - Common semantic layer comprised of several models including General Ledger, Project Financials,
  - Self-service analysis using Power BI
- Implemented BI-modal IT framework, whereby the business was enabled to build / prototype reports and IT operationalises those for central governance and scalability.
- Power BI training to business users.
- Technical implementation of a System Development Life Cycle that enabled a 24 hour production release capability from multiple projects running in parallel.

### Benefits

- Improved speed of access to information by the business and hence quicker decision-making capability.
- Improved business continuity and consistent source of truth by embedding business logic into data models.
- Reduced reliance on IT by enabling business data stewards to directly maintain master reference data.
- Semantic layer implemented has reduced the need for information silos.
- Enabling business to author and collaborate analysis and reporting without relying on IT.

### Capabilities

Project Management

Agile Development and Testing

Data Modelling

Report Design and Development

Database Design and Development

Training and Documentation

### Technologies

Power BI Desktop & Services

Microsoft SQL Server 2012 & 2016

Database Engine

Analysis Services (tabular mode)

Integration Services

Visual Studio Team Services (agile workflow & source control)

Visual Studio 2015

### Domains

Health, Safety & Environment

Finance / General Ledger

Risk & Compliance

Human Resources

Work Order Management