



Project title

Irrigation Meter Fleet
Renewal Program

Client

Lower Murray Water
Northern Victoria

Overview:

Lower Murray Water (LMW) delivers water to over 70,000 people along the Murray River in Victoria. Aquamonix has been supplying flow meters and support services to LMW for over 20 years. The installed fleet of Emflux magnetic flow meters now exceeds 3,300 sites across the region. Meters range in sizes from 50mm to 900mm and cover major pumping and water extraction points along the river, as well as pumped and gravity farm outlets. Most sites are integrated with remote telemetry to provide near real time data to a central SCADA system. The large fleet requires proactive management for the renewal and replacement of older units to ensure accurate and reliable metering information as meters approach the end of their operational life. An annual meter renewal program aims to replace or upgrade approximately 100- 200 units of the oldest meters each year, or approximately 3%-5% of the total fleet. The program may involve an update of the Electronic transmitter and telemetry unit – or involve replacement of the complete flow tube unit.

Features:

- Operating fleet of over 3300 Australian made **EMFLUX Mag Flow Meters**
- Robust and reliable meters with typical operating lifespan of 20 years
- Solar powered meters in sizes from 50mm to 900mm
- Pumped, pressurised and gravity flow sites
- Tamper proof and accurate to meet Australian Standard AS4747
- Seamless integration with telemetry and control systems



Outcomes:

Lower Murray Water and their landholder clients continue to enjoy the benefits of the robust and reliable EMFLUX meters - still designed and built in Australia – to last a lifetime in our harsh rural conditions.



LMW operate a fleet of 3300 Emflux flow meters across their irrigation supply and delivery network.

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