

GS Load Management System



The GS Loads Management system is an RF based load management system that can be used to control hot water geysers, street lights and other devices to defer load and limit maximum demand in peak consumption times.

The system is especially cost effective in small to medium applications in non-mountainous areas, as a single, low cost transmitter can be used to cover several thousand switches. No injectors are required, saving both on Capex and Opex costs.

The system consists of a Central Load Management Control System, one or more Modbus Outstations (if required) and GS0120 and GS0220 load switches. The system can be set up once and thereafter only managed at a fairly high level as schedules and algorithms at the Central Load Management Control System automates the control of groups of switches to ensure effective diversion of peak demand, as well as shifting energy into more cost effective times.

System Diagram

