



Building newsflash number 393

Regulatory Impact Statement for mandatory load control of pool filtration systems

Purpose

To advise that the Regulatory Impact Statement (RIS) for mandatory load control of pool filtration systems has been released and is available for comment.

Background

Each year, around 10 000 residential swimming pools are constructed in Queensland. The vast majority of pool filtration systems are connected to peak electricity tariffs. These pool filtration systems contribute an estimated 6.3 megawatts to peak load demand which equates to \$18.8 million in additional electricity infrastructure costs annually. Controlling pool filtration systems during the peak demand periods will potentially save the community millions of dollars by deferring the need for increased electricity network infrastructure.

To assist in reducing high energy use in peak demand times (usually between 5:45 pm and 9:00 pm) the Queensland Government proposes to require pool filtration systems in new pools ancillary to class 1a buildings, to be demand response active. This requirement, if approved, would be contained in the Queensland Development Code (QDC) Mandatory Part (MP) 4.1.

Under the proposed amendments to the QDC at the time of installation for new pools, the pool filtration system must be configured so that electricity supply to the system can be controlled by distributors during peak periods (referred to as being demand response active). This will allow the distributors to control electricity supply to these devices at peak periods to help them manage demand. This will also reduce electricity costs for pool owners an average of \$180 per year. Once connected to an off-peak tariff, pool filtration systems will operate in synchronisation with off-peak electric hot water systems.

The RIS includes discussion of the use of a hardwired pool filtration demand management device, which would allow pool owners the flexibility to unplug pool filtration systems for maintenance purposes. This would also avoid the need for a second electrical circuit and the associated disruption of landscaping.

Have your say

Further information and an [electronic copy](#) of the RIS is available. Comments on the RIS will be accepted up until 5 pm, Friday 13 November 2009.

Contact for further information

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