



# Save more with iZone's Smart Power Monitoring System.

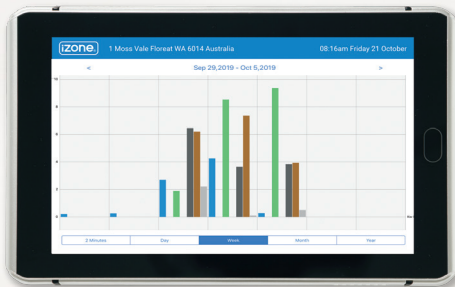
From air conditioners, washers and dryers to pool pumps and everything in between, it's now possible to monitor where energy dollars in your home are being spent, then find ways to reduce them through clever scheduling during off-peak hours.

## What is Power Monitoring?

Smart power monitoring involves installing a monitoring device within an electrical system to measure how much power appliances are using. The systems are permanently installed so they operate 24 hours 7 days a week. Continuous monitoring of energy-related data helps to provide information on the operational characteristics of an electrical system.

## How does Power Monitoring work?

iZone's power monitoring system lets you know how efficient your appliances are, when they may be operating and how their usage during a 24-hour cycle impacts the amount of energy being consumed relative to daily billing tariffs. This knowledge allows appliances to be scheduled to run at times to exploit the lowest tariffs on any given day, thereby saving on household energy bills. Reducing power consumption at peak times can also help to avoid blackouts.



## Powering Monitoring and Solar Systems

Make the most of excess daytime solar power with iZone's unique power diversion feature. Instead of diverting the excess power generated by daytime solar back into the electricity grid for a very small dollar return, this excess power can be used to pre-cool or pre-heat your home. Air conditioning systems can be set to automatically turn on before arriving home, all without using any power, except for that generated by the sun!

## Benefits of Power Monitoring

**Environmental Impact:**  
A better knowledge of how energy is used within your home can help identify ways to improve efficiency, minimise waste and reduce energy consumption, thereby allowing society to better steward its allotted natural resources.

**Safety and Reliability:**  
Assessment of data from monitoring systems can reveal existing or imminent issues with appliances in relation to the need for replacement due to age, efficiency or overall performance.



Monitor everything in your smart home from the couch.