

“Through Edge Electronics I learned that petrol stations and diners have notoriously low power factors due to the fuel pumps, air conditioning and refrigerators that churn through electricity. PowerSave has made my equipment use power more efficiently, and the short 2-year payback is particularly attractive.”

Adam Hope, Owner

PROBLEM

- Freedom Fuel Arundel is a petrol station location in Queensland.
- The business was exposed to Energex’s **network demand tariffs**, resulting in higher electricity bills for businesses with poor power factor.
- Freedom Fuel Arundel had a **poor power factor of 0.88**, meaning its equipment used electricity inefficiently.

POWERSAVE ADVANTAGE



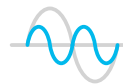
Annual savings:

\$1,812



Payback:

3 years



Power factor:

0.85→0.99



Installation time:

3 hours



Low
weight



Reduces
CO2

SOLUTION

- We installed a 25 kvar PowerSave which improved power factor to **0.99**.
- This reduced the store’s maximum demand charge by **14.72%**.
- The PowerSave will produce savings of **\$1,812 every year**.

EDGE ELECTRONS POWER FACTOR CORRECTION

