

# Spinning Reserve

- ▶ Running a bigger diesel costs more than running a little one.
- ▶ The power station keeps a big enough diesel running to handle the load PLUS the largest load in town, e.g. bore pump.
- ▶ It takes about a minute to start another diesel up.
- ▶ Clouds take about 6-10 seconds to block the sun.

Since PWC know what the PWC plant is doing we can keep a big enough diesel running for the clouds.

But we don't know what a PV system on the roof is doing so so the clouds might cause a blackout.