



Solar power export “Virtual Battery”

In parts of Europe, energy consumers with solar power can export their surplus and be paid for the export as a credit on their electricity account or have it as a power credit that they can use at the later date at the same rate as the export rate. They call this system “virtual battery”.

The generators can reduce hydro water used as a result of the solar exports and store that water for later use (eg night time). This is a huge incentive for consumers to install solar panels. The whole country benefits from having more renewable energy.

This is the equivalent of pumped hydro at zero capital cost to the generators or taxpayers.