



Why STOR?

Short Term Operating Reserve (STOR) is the process of creating a virtual power station by aggregating various existing onsite standby generation plants capable of offsetting site demands or businesses willing to practice load-reduction in times of critical need on the UK's National Grid. The STOR service enables additional active power to be obtained from generation, demand reduction or a combination of both.



ukpowerreserve
SUPPORTING A RENEWABLE FUTURE

WORKING WITH



STOR is a vital component of the UK's energy infrastructure. National Grid relies on STOR for its Balancing Services to provide energy at times of critical strain on the electricity network. STOR is used predominantly to provide an additional service for short durations, such as if a large power station should fail. The most common triggers for requiring STOR are unplanned outages on the larger generation fleet (nuclear, coal, gas, interconnectors) or Demand Forecast Errors leading to the market not delivering the correct level of power to meet the UK's demand.

The generation mix is changing rapidly over the coming decade. National Grid is looking at its 'toolbox' of services including STOR to determine the best set of tools to meet the challenges of

balancing UK energy demand and supply as the generation mix evolves. Given the challenges National Grid face in the coming period, STOR will still remain an important balancing service and the overall requirement for STOR will grow to ensure long term security of supply.

Who Can Participate?

STOR is open to participants who operate generation equipment and have the capability to either switch on generation assets or to decrease site consumption. Total Gas & Power and UKPR offer the potential to find the right partners to participate in the lucrative STOR Programme.

[About UK Power Reserve over the page](#)



Contact us



+44 (0)20 7718 6847
+44 (0)7964 955555



matthew.devoy@totalgp.com



www.totalgp.com



Surrey

Bridge Gate
55-57 High Street
Redhill, RH1 1RX

Leeds

Unit 1280, Octagon
Century Way
Thorpe Park, LS15 8ZB

London

13th floor,
10 Upper Bank Street
Canary Wharf, E14 5BF

THE POTENTIAL FOR PROFITABILITY

A UKPR DEMAND SIDE BALANCING SERVICE

BASED ON AN OFFERING OF 1MW OF GENERATION OR DEMAND REDUCTION CAPACITY

PRODUCT		GUIDE AVAILABILITY REVENUE	GUIDE UTILISATION REVENUE	GROSS REVENUE PER MW	GUIDE HOURS OPERATION	
Short Term Operating Reserve	STOR	£14,000	£22,000	£36,000	10-150	Balancing Reserve procured through competitive tenders. Contracts last for up to 2 years.

TRANSPARENT ENERGY SOLUTIONS
FROM THE UK'S LEADING SUPPLIER

UK Power Reserve is the leading independent developer and operator of flexible, smart and affordable power generation.

From site purchasing to operations and plant design to grid connections, we bring a unique expertise to the UK energy market.

We participate in a variety of Energy Balancing Services and provide third-party aggregation and Demand Side Response (DSR) management and trading services.

UK Power Reserve's portfolio is the size of a large-scale CCGT (combined cycle gas turbine) generator but at a much lower cost to the consumer, with a faster-acting response time and a geographic

spread across the country rather than a single plant concentrated in one location. It is the largest reserve power portfolio in the UK and places the company amongst the largest independent reserve power providers in the EU. This ensures greater security of supply at lower risk, while delivering affordability and addressing the Energy Trilemma. We consider ourselves to have the smartest power generation capabilities in the UK.

About Total Gas & Power

**PART OF
TOTAL S.A.**



**WORLD'S
4TH RANKED
PUBLICLY TRADED
INTERNATIONAL
OIL COMPANY**

120000+

SITES



500MW+

**LOW CARBON
AND RENEWABLE
GENERATION**



**UK'S LARGEST
BUSINESS
GAS SUPPLIER**