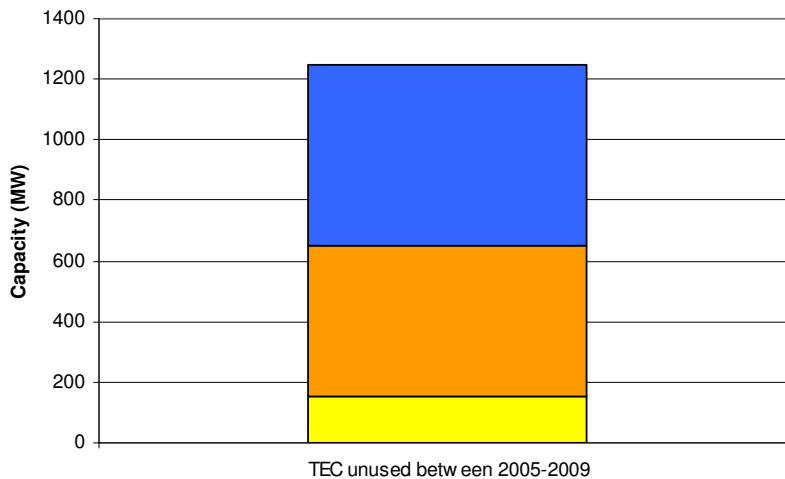


## CAP168 – Actions From Meeting One

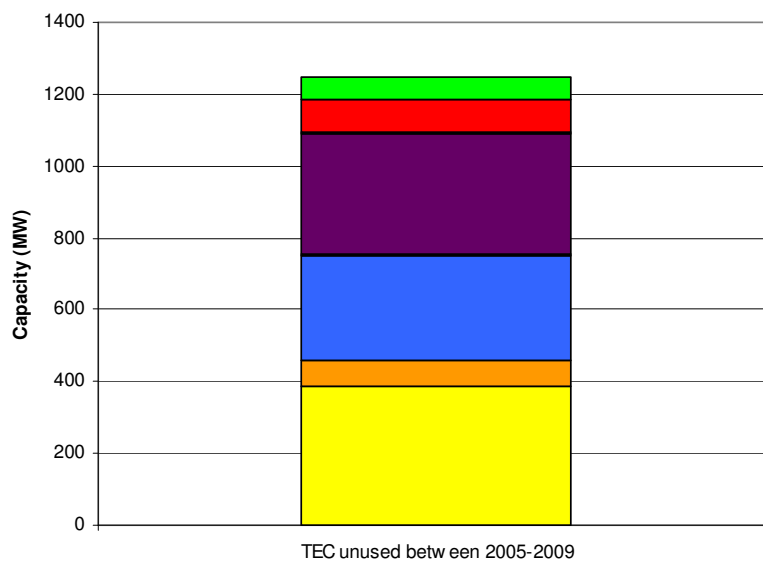
### Consistent Under-use

At the CAP168 Working Group meeting on the 13<sup>th</sup> March 2009 National Grid took an action to analyse how much TEC was consistently not being used.

Data from 88 generators between January 2005 and February 2009 was reviewed. The amount of TEC which had consistently not been used during this period was approximately 1.25 GW. This is calculated by looking at the difference between the maximum output of each generator since January 2005 and their booked TEC. The following graphs show how this is distributed zonally and by plant type.



■ Scotland Zones 1-8    
 ■ England and Wales (Positive) Zones 9-14 and 17    
 ■ England and Wales (Negative) Zones 15, 16 and 18-20



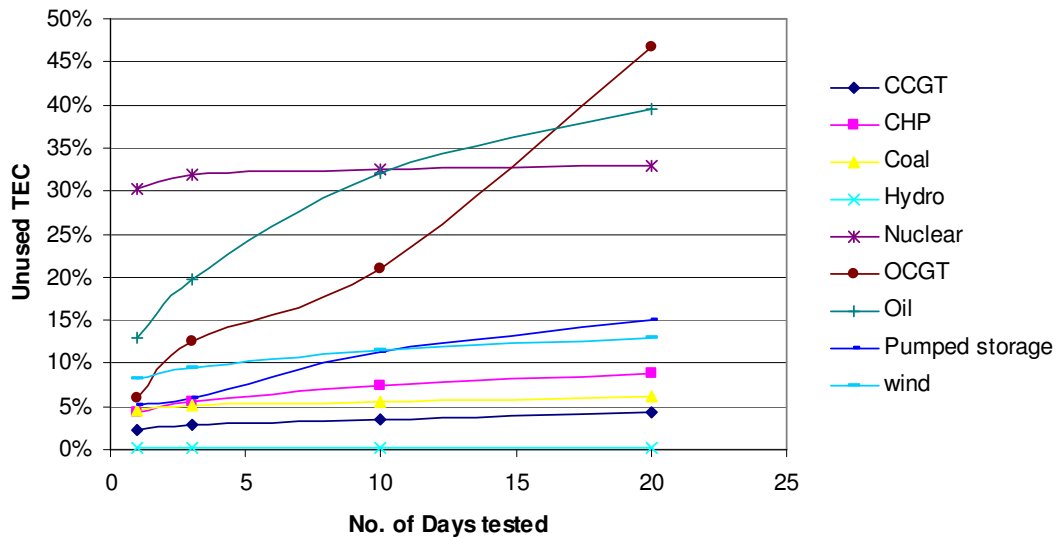
■ CCGT     ■ CHP     ■ Coal  
■ Hydro     ■ Nuclear     ■ OCGT  
■ Oil     ■ Pumped Storage     ■ Wind

### Under-use Capacity

It was suggested at Friday's Working Group meeting that considering a Users output on three days may not be a severe enough test to measure the capacity which the under-use charge should be levied upon. The following analysis looks at the maximum, the third greatest daily output, the 10<sup>th</sup> greatest daily output and the 20<sup>th</sup> greatest daily output. In 2008 the difference between TEC and the X greatest daily output was:

X	1	3	10	20
Difference (GW)	5.9	6.7	7.8	8.7

The following graph shows the percentage of booked TEC not used during the maximum output, the third greatest daily output, the 10<sup>th</sup> greatest daily output and the 20<sup>th</sup> greatest daily output by different plant types.



This graph shows data from 2008. During this year two nuclear plants had outages. This has bought the average up for nuclear plants.