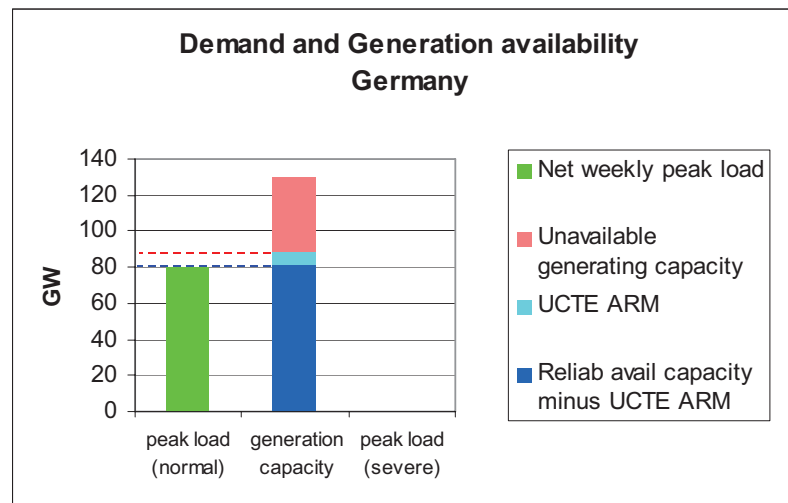


## GERMANY

**Comments**

The German contribution to the ETSO Winter Outlook Report 08/09 has been prepared on the basis of the 3rd Wednesday figures of January 2009 which have been delivered to UCTE in the framework of the current inquiry for the UCTE System Adequacy Forecast 2009-2020 (according to the UCTE Methodology). The result is that the peak load is expected to be 80GW (i.e. peak load at reference time + margin against peak load). Taking the different elements of the Power Balance Forecast into account, this will result in "Remaining Capacity" of around 8GW which means that the "Adequacy Reference Margin" will be met. Concerning the other winter months, the experience is that the situation is most severe in December and January and that the figures for January can be applied for December too. The remaining months of October, November, February and March are usually not critical, so that the given values are likely to represent the worst case.

Generally, it has to be pointed out that due to unbundling detailed generation data have not been available to the German TSOs and thus a great many of the data required for the Power Balance are estimations and approximations. However, as there is a very large number of players in the market, the situation is getting more and more difficult every year. As compared to the last decades there is an increasing number of generators and especially embedded and renewable generation (more than 40 GW and 20% of energy generation). We are not sure about the quality of the data concerning the large number of small generation companies. Consequently, it is almost impossible to make a weekly assessment.

**Generation and Load Conditions:**

Due to the high wind power installed, it is expected that during the winter 2008/2009 network and market-related measures (within and across control areas) will have to be taken over extended periods for the sake of full wind energy integration.

**Remarks on expected additional loads on interconnecting lines due to transit flows having an impact on import/export capacities:**

Basically, the interconnecting lines between VE-T (Vattenfall control area)/PSE-O (Poland) and VE-T/CEPS (Czech Republic) are not loaded to their maximum, except for exceptional cases after consultation.

Also during the coming winter, the interconnecting lines between VE-T/E.ON control areas will have to be operated to their limits due to high wind power capacities within the VE-T control area. This requires separate agreements and consultations.