



## IEA SLT October 2008 Meeting

### Recent Developments Switzerland

#### Application for new NPP

On 9 June 2008, the Swiss utility Atel submitted a framework permit application for a new nuclear power plant to the Swiss Federal Office of Energy. The 1100-1600 MW plant is to be built at the site of the existing Gösgen NPP. This is merely a first step towards construction of a new NPP. The framework permit is likely to be subject to a national referendum in 2012-13. Provided the plant receives popular approval, it is scheduled to go on line by 2025. Two other utilities are preparing applications for new NPPs.

#### Project Applications for New Feed-In Tariffs

The 2007 Electricity Supply Law introduces new feed-in tariffs for electricity from renewable sources. The feed-in tariff is financed through a grid levy, which is capped by the Law at 0.6 Swiss ct/kWh. If fully used, this would allow collecting some CHF 340 million/year. The total feed-in allocations is limited for certain technologies, so as to prevent costly technologies from draining a disproportionate share of the overall feed-in moneys and failing to reach the Law's ultimate objective of adding 5.4 TWh of renewable electricity by 2030.

The project application procedure began on 1 May 2008. Almost 5000 applications totaling CHF 295 million/year of feed-in tariffs were filed. But only CHF 258 million were approved for financing through the grid levy, which has been set at 0.45 Swiss ct/kWh for 2009. The number of PV applications exceeded the available maximum by a factor of 3. Precedence was given to larger PV projects, while disqualified ones were waitlisted for next year's application round. In contrast, all wind energy projects qualified. Small hydro and biomass applications did not exhaust the maximum moneys available. There were no applications for geothermal projects.

| Technology            | Number of project applications (capacity) | Number of projects having qualified (capacity) | Total feed-in tariffs in 2009 (million CHF) |
|-----------------------|---|--|---|
| Solar PV              | 4036 (89 MW)                              | 1177 (21.4 MW)                                 | 8.8   |
| Wind                  | 343 (656.3 MW)                            | 343 (656.3 MW)                                 | 106   |
| Small hydro (< 10 MW) | 347 (238.3 MW)                            | 347 (238.3 MW)                                 | 61.4  |
| Biomass               | 187 (192.8 MW)                            | 182 (141.8 MW)                                 | 81.8  |
| Geothermal            | 0   | 0  | 0   |
| Total                 | 4913 (1176.4 MW)                          | 2049 (1057.8 MW)                               | 258   |