D-2 NTC capacity calculation project

TSOs of the region « Italian north borders » started in summer 2012 a D-2 coordinated capacity calculation project aiming at anticipating the requirements of the Guideline Capacity Allocation and Congestion Management.

This D-2 NTC capacity calculation project relies on 7 projects partners:

* APG, ELES, RTE, Terna and Swissgrid
* two Regional Security Cooperation Initiatives (RSCI) in charge of performing the capacity calculation based on inputs TSOs: TSCNET Services and Coreso

The D-2 NTC capacity calculation project concern 4 borders

* France-Italy
* Switzerland - Italy
* Luxembourg/Germany/Austria - Italy
* Slovenia - Italy

The project is organized into different phases:

1. **Prototyping:** definition of a capacity calculation methodology, after which each project partner developed its tool in order test the process. This phase started in summer 2012.
2. **Internal dry run:** internal daily execution of the calculations in order to improve the process (results are only shared among project partners). There is no impact on the allocated capacity. This phase started in February 2014.
3. **External dry run:** daily execution of the process and publication of the results in order to inform stakeholders. There is no impact on the allocated capacity. This phase started on 2015 July 30th.
4. **Full live test:** in addition to what is performed during External dry run, in this phase TSOs have flexibility regarding the capacity to be used for the allocation considering both the traditional process and the new experimented process. Phase not started yet.
5. **Go Live:** the experimented process becomes the operational one as judged sufficiently mature and reliable. Phase not started yet.

A description of the current methodology applied is described in the following document:
[Capacity Calculation Methodology on northern Italian borders](http://www.casc.eu/media/Capacity%20Calculation%20Methodology%20on%20NIB.DOCX)
Results of the calculations performed during external dry run can be found hereafter:
[Daily published values](http://www.casc.eu/en/Resource-center/Italian-North-Borders/Daily-published-values)