

Paris Session 2022



Thoughts for discussion

Study Committee C1

PS2.1.2: Sector coupling, generation optimization and grid development measures are main input values for an integrated energy system planning. Which approaches are available to get local and/or inter area optimized results? How do others define or calculate a reasonable regional self-sufficiency and generation reserves?

Michael Schäfer

Question 2.3.1: Which approaches are available to get local and/or inter area optimized results? How do others define or calculate a reasonable regional self-sufficiency and generation reserves?

- Which degree of self-sufficiency is necessary or acceptable?
 - Which planning rules are applied?
- Opposite question:
How much can we rely on our neighbours in case of generation shortage?
- Is it possible to specify self-sufficiency and generation reserves dependent on the area or the dimension of the considered energy system?