

2023-04-17 TSC 15

Chaired by Frank

Attendees:

Maxime, Jan Maarten, Jonas, Frank

Discussion items

Time	Item	Who	Notes
0min	Look back on actions previous TSC	Frank	
15min	Outreach Update: OpenSTEF presented at TU Delft, KNMI, Smart4Res, Entrnce	Frank, Maxime	JM: presented OpenSTEF at TU Delft. Follow-up with joint research centre EC in Petten on simulating (household) loadprofiles, no concrete follow-up. Maxime: RTE also has some contacts at TUDelft noted action FK: presented OpenSTEF to KNMI satellite experts Maxime presented at Smart4RES Final conference in Paris, 14th of April 2023 - Smart4RES JB: this morning presentation given at Entrnce; provider of peer2peer energy trading. Possible their customers would be interested in an opensource forecasting toolstack as OpenSTEF Maxime; perhaps interesting to compare results to meteorologica
15min	Future roadmap update; AI for the Future Energy System	Frank	alliander-opensource/AIFES: AI for the Future Energy System (github.com) Some R&D questions relevant for OpenSTEF will be investigated here in a collaboration with universities & TSO Colleague of Maxime has been working on substation level reactive power forecasting/modelling Downscaling active regional forecast, or downscaling by postprocessing, or forecasting reactive power directly
5min	Desire to combine weather forecasts on-the-fly (as opposed to the current preference list in openstef-dbc). Location-dependent weights per weather source	Maxime	Maxime will share notebooks; let's refine during Refinement
1min	RTE is looking into pyGAM	Maxime	Let's have a look offline: https://pygam.readthedocs.io/
5min	OpenSTEF participates in NREL forecasting challenge - today is the technical webinar	Frank	Maxime: Interested in participating/helping. Perhaps the operational model will not suffice. We could organize a brainstorm/workshop on this topic.
5min	LF Energy Summit	Jonas	https://events.linuxfoundation.org/lfenergysummit/program/schedule/ Frederik will present OpenSTEF

Action:

- ☐ Jonas Checks with Benoit (same action as last time)
- ☐ FK: Ask TUDelft what they do on forecasting and their collaboration with RTE
- ☒ MF: asks what they can share on reactive power forecasting
- ☒ FK: inform maxime on forecasting challenge we could organize a brainstorm