

Title: OeMAG, APG and Fronius announce cooperation

[Wels, March 22, 2024] - OeMAG, APG and Fronius are proud to announce their newly agreed cooperation on the use of aggregated data on electricity generation. The aim of the cooperation is to balance the grid load caused by strong feed-in fluctuations of PV systems in the best possible way (especially regarding the "peak at noon"). The first measures were discussed at the highest level on the occasion of a meeting which took place on March 22, 2024. The cooperation should immediately result in a significant step towards an innovative and effective energy future for Austria.

"It is absolutely essential that wind and PV systems are expanded. However, we need a much stronger and digitalized electricity grid to integrate renewable electricity! For us as transmission system operators, it is essential to know how much electricity is being generated and fed into the grid. Through our cooperation, we will take a further step towards the digitalization and flexibilization of the electricity system. The more information is available to all players in the energy system, the better and more efficiently we will be able to transform it without jeopardizing the security of supply. Our goal is to provide maximum grid capacity for renewable energies through intelligent grid management," says APG's CTO Gerhard Christiner. On the initiative of OeMAG board member Horst Brandlmaier, the three companies have joined forces to advance the energy transition. This partnership is a step forward in accelerating the transition to renewable energies and making more efficient use of the existing energy infrastructure. "The key to success lies in the use of high-quality online data to facilitate a more efficient use of the existing grid infrastructure. Better information on the structure of energy generation and the integration of flexible capacities can ensure that renewable power generation plants can be further expanded also in the future," says Horst Brandlmaier. "At OeMAG, we always strive to forecast the expected feed-in volumes in our balance groups as accurately as possible based on high-quality data. We can only react to foreseeable fluctuations in generation at short notice if we are aware of the amount of electricity that is being fed into the grid," Brandlmaier continues.

And this is where Fronius comes in. The traditional Austrian family business strongly believes in the power of knowledge sharing. Elisabeth Engelbrechtsmüller-Strauß explains: "Major challenges require joint solutions. The energy transition can only be achieved by continuously expanding the generation of green electricity from renewable energy sources." The aim is to process available data in such a way that it helps to keep the load on the grid as low as possible by improving the predictability of electricity feed-in.

We at OeMAG, APG and Fronius agree that this cooperation will make a positive contribution to achieving the climate targets and ensuring an environmentally friendly energy supply.