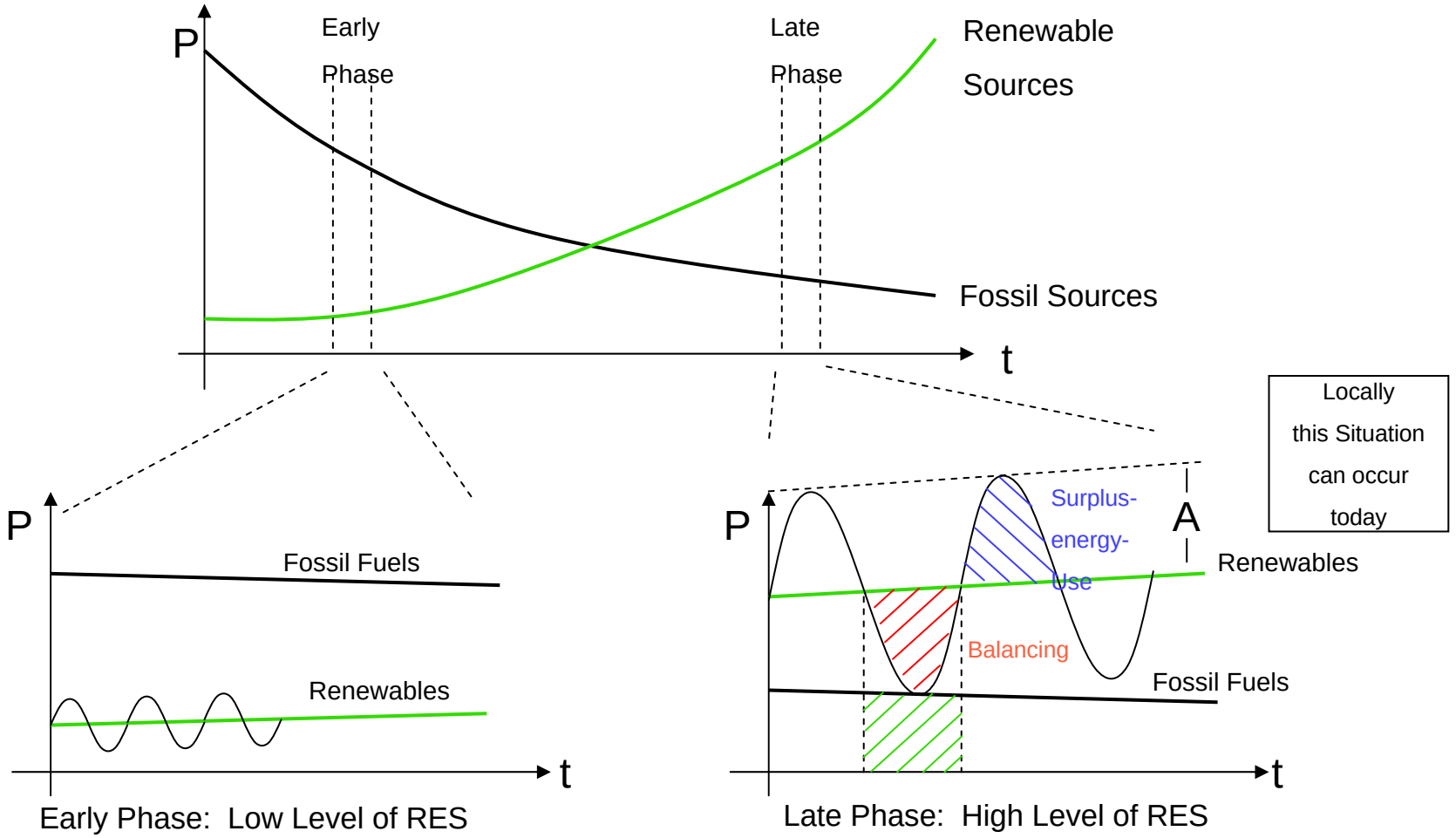
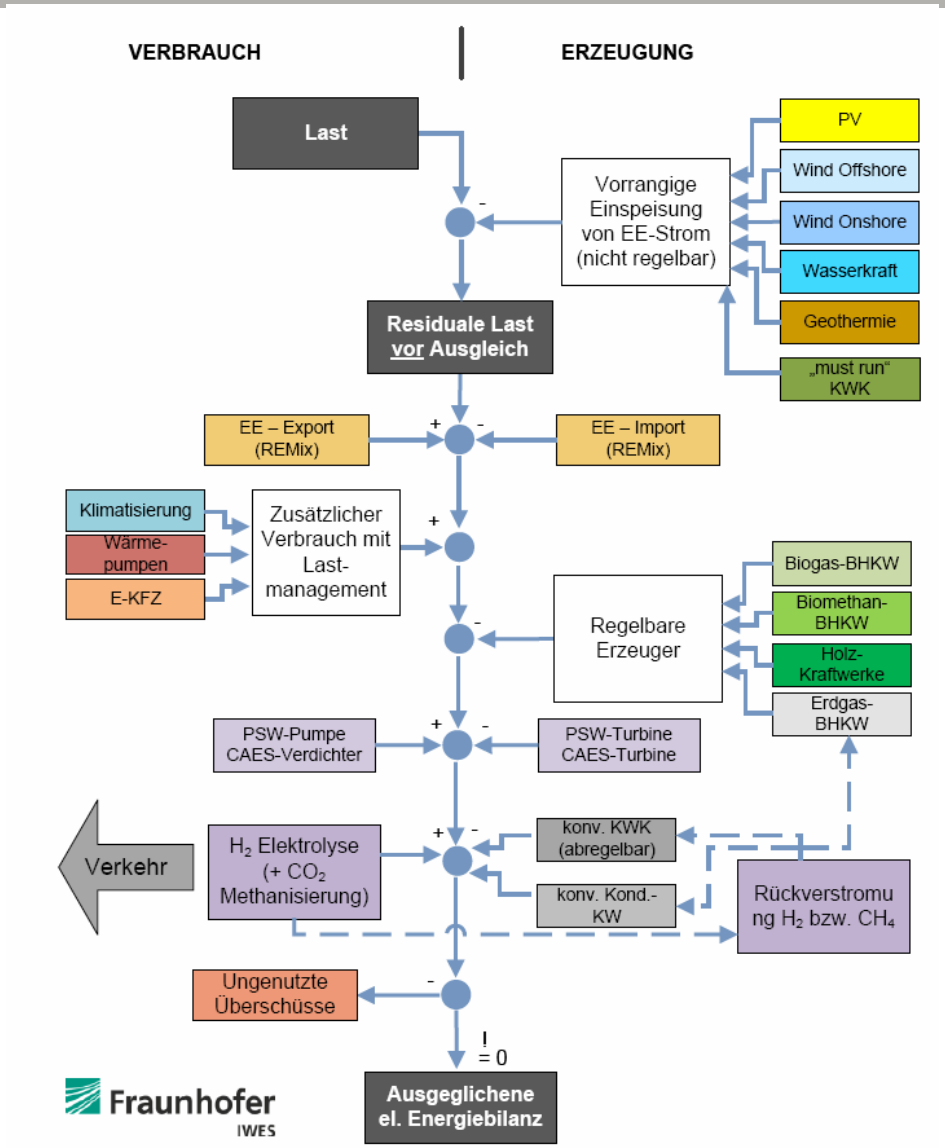
At the Treshould to the Area of Electricity Transport and Storage



Surplus and Deficits Characterize Energy Supply

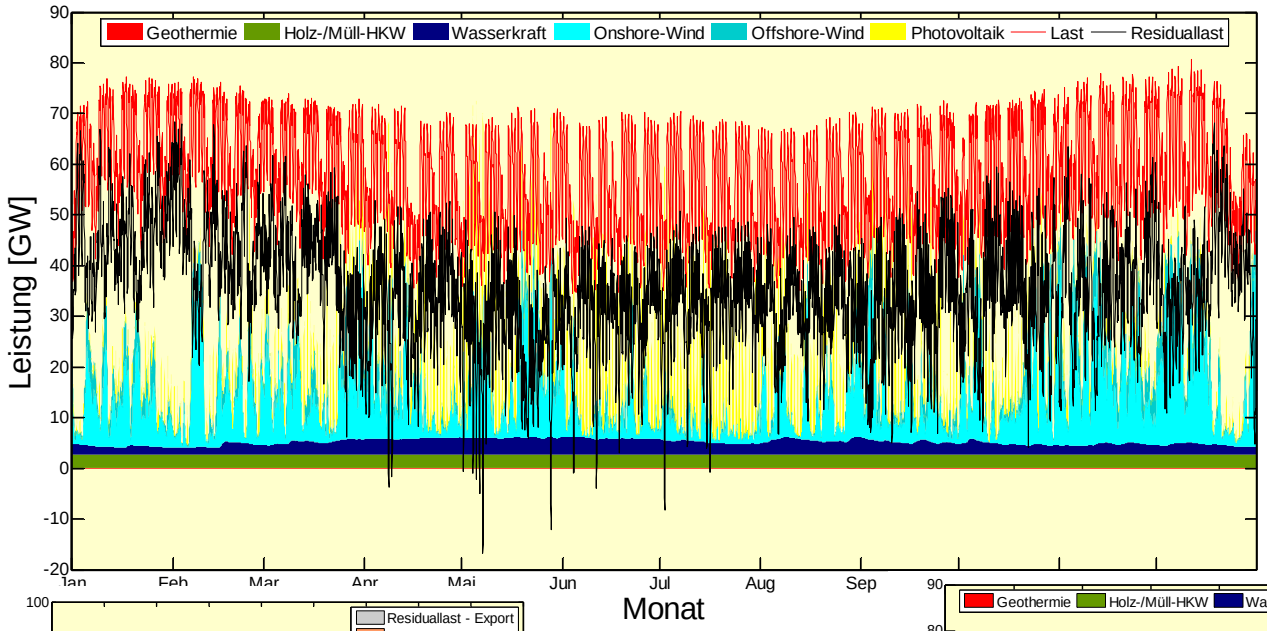
IWES-Simulation Tool SimEE

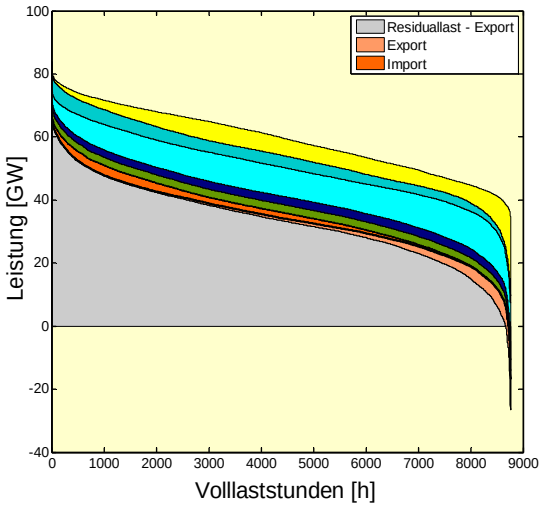


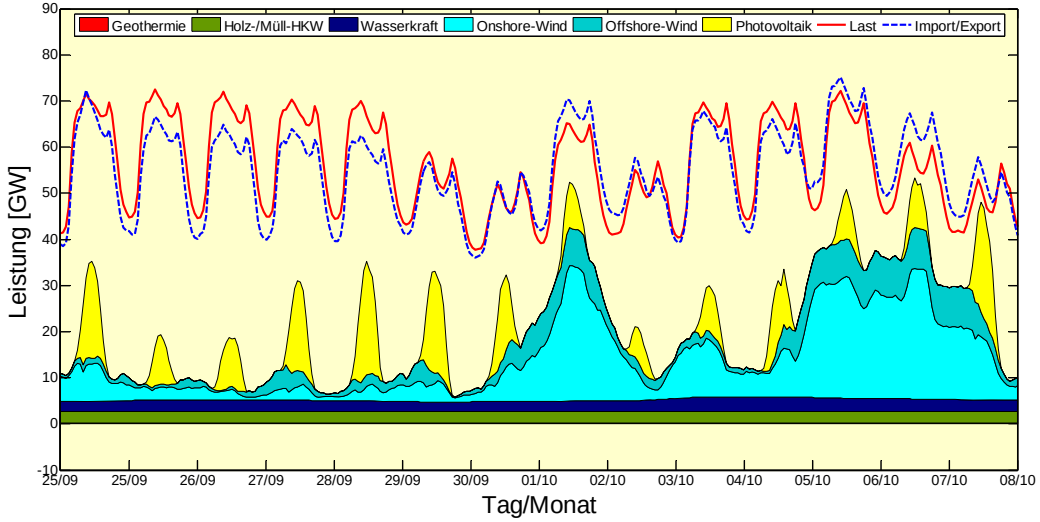
Mit **neuer** Energie

Fraunhofer IWES

Effects of RES production – Scenario A 2020



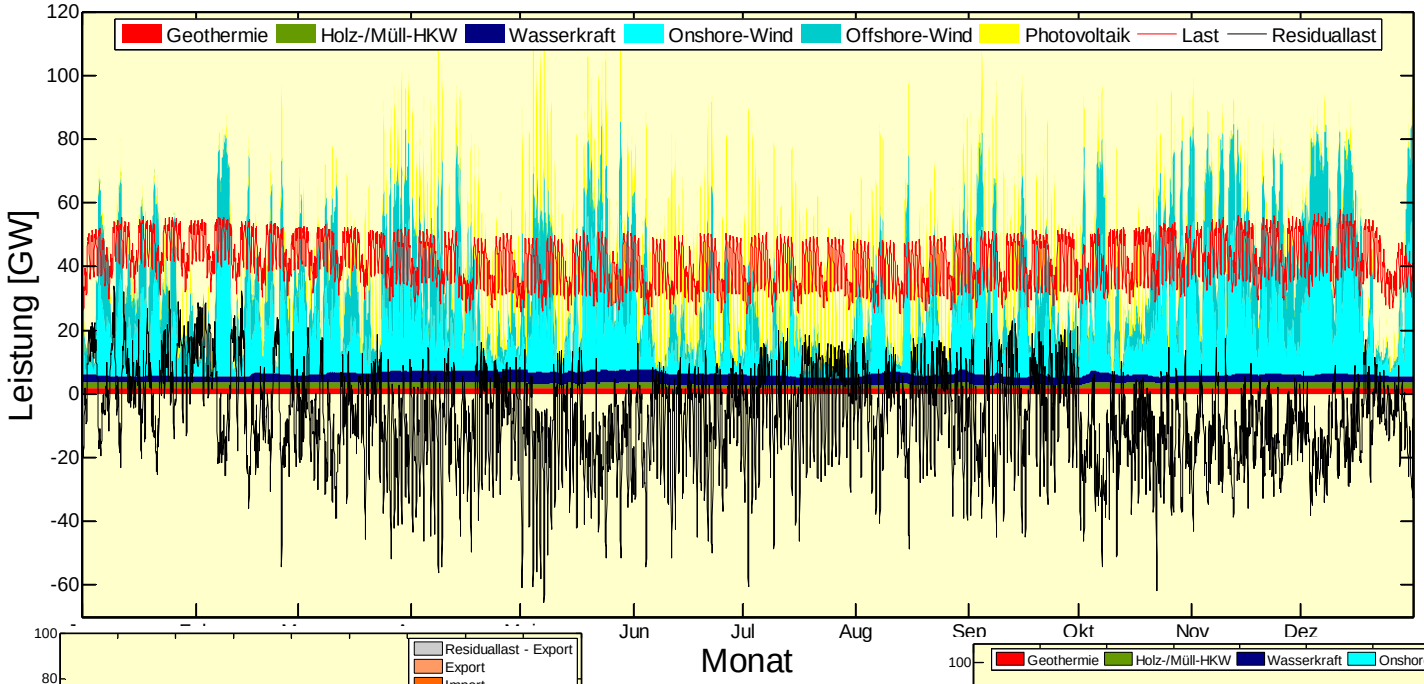


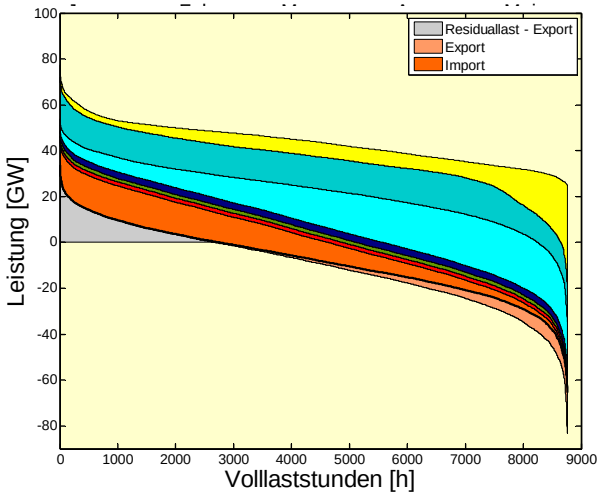


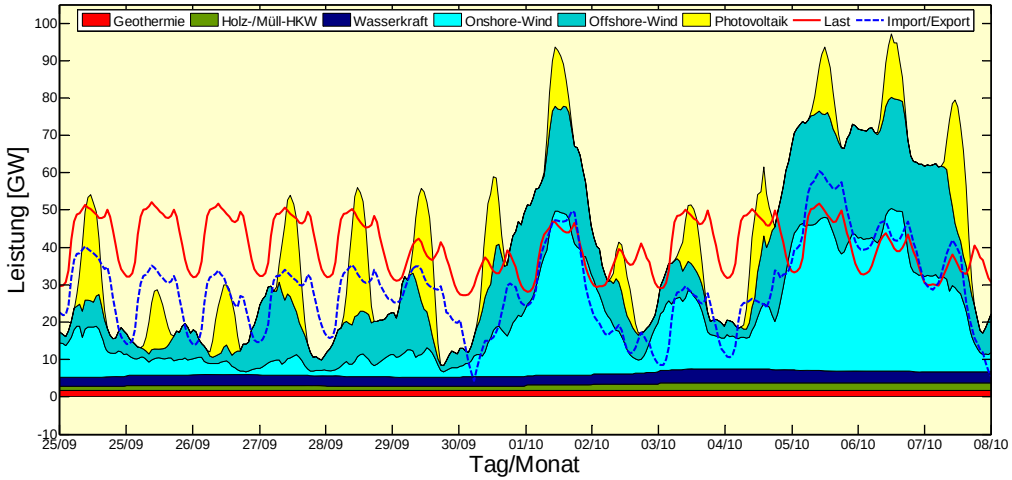
Mit **neuer** Energie

Fraunhofer IWES

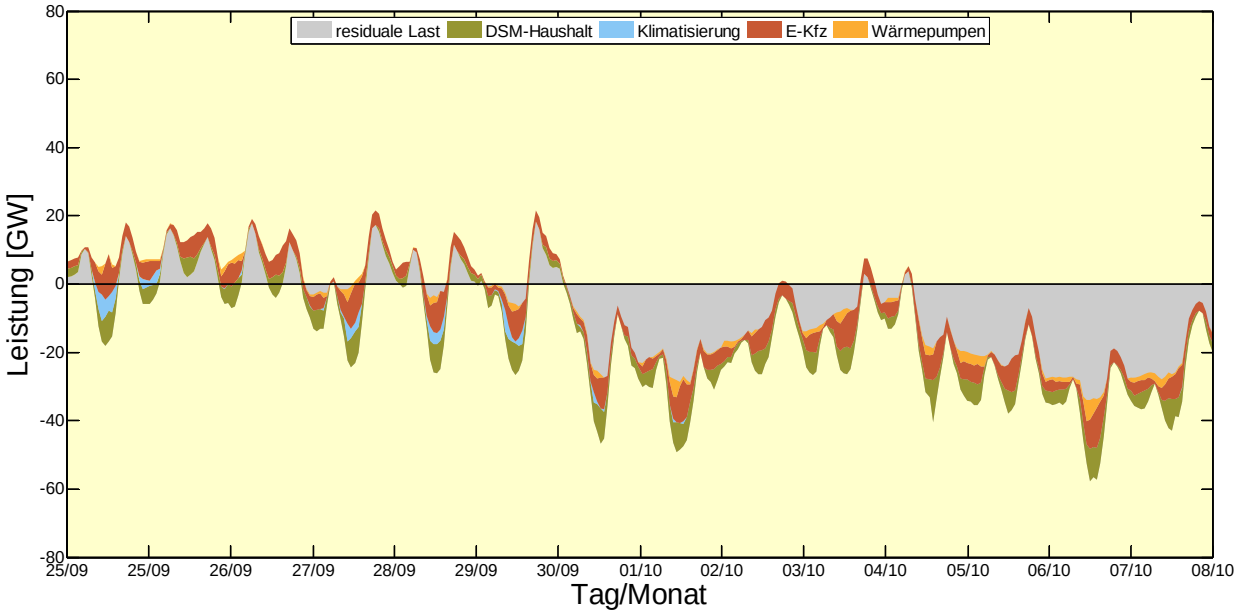
Effects of RES production – Scenario A 2050

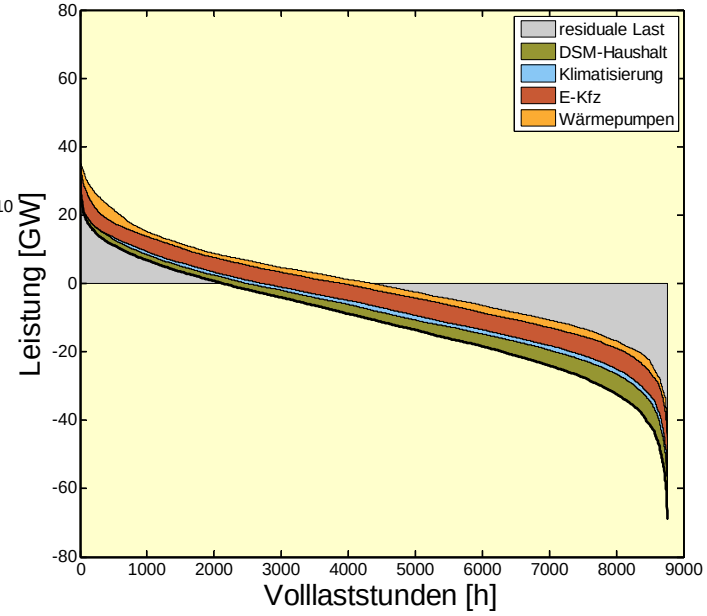




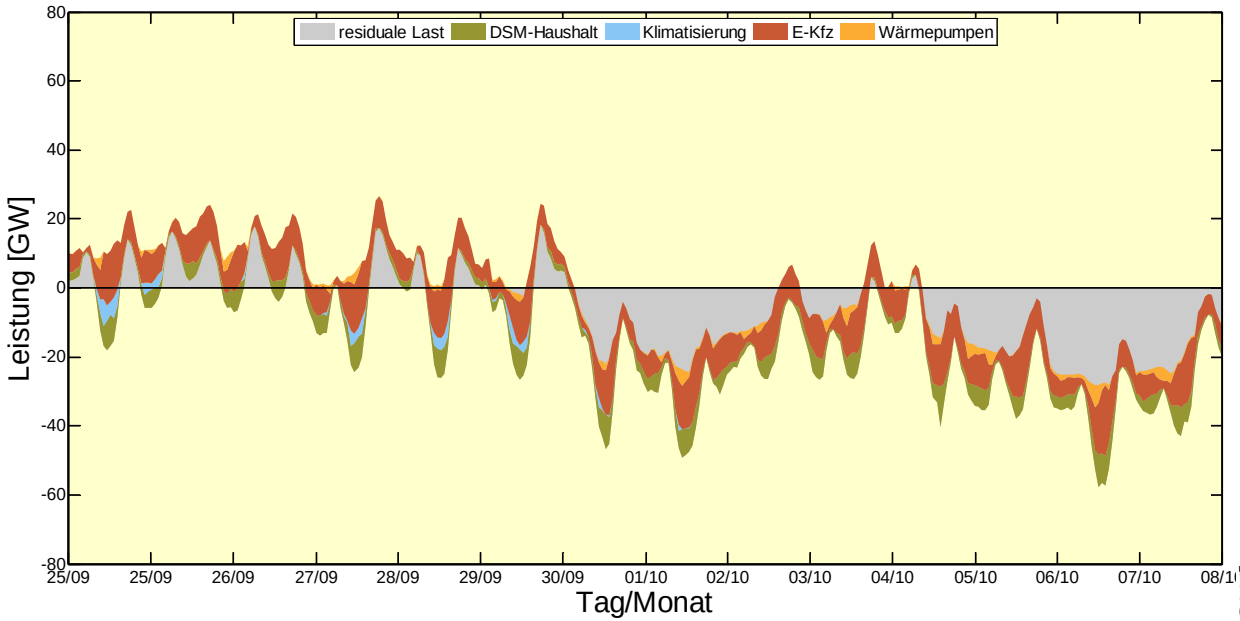


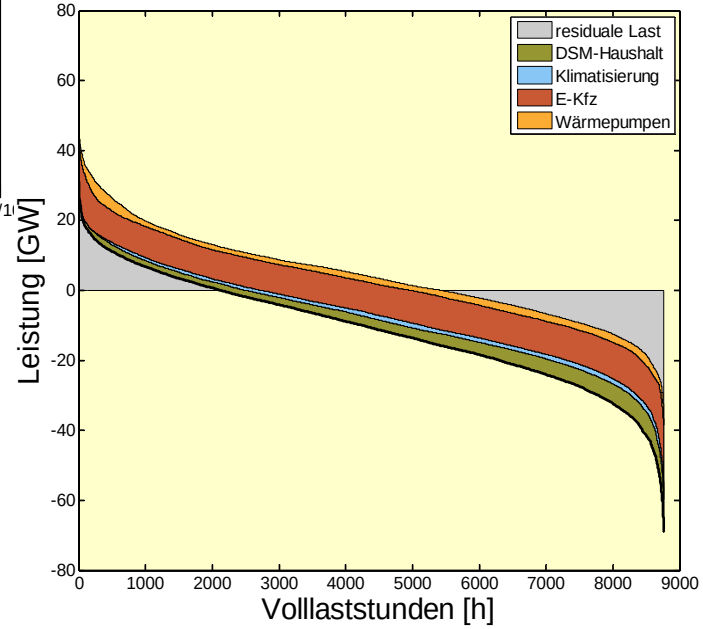
Demand side management – Scenario A 2050



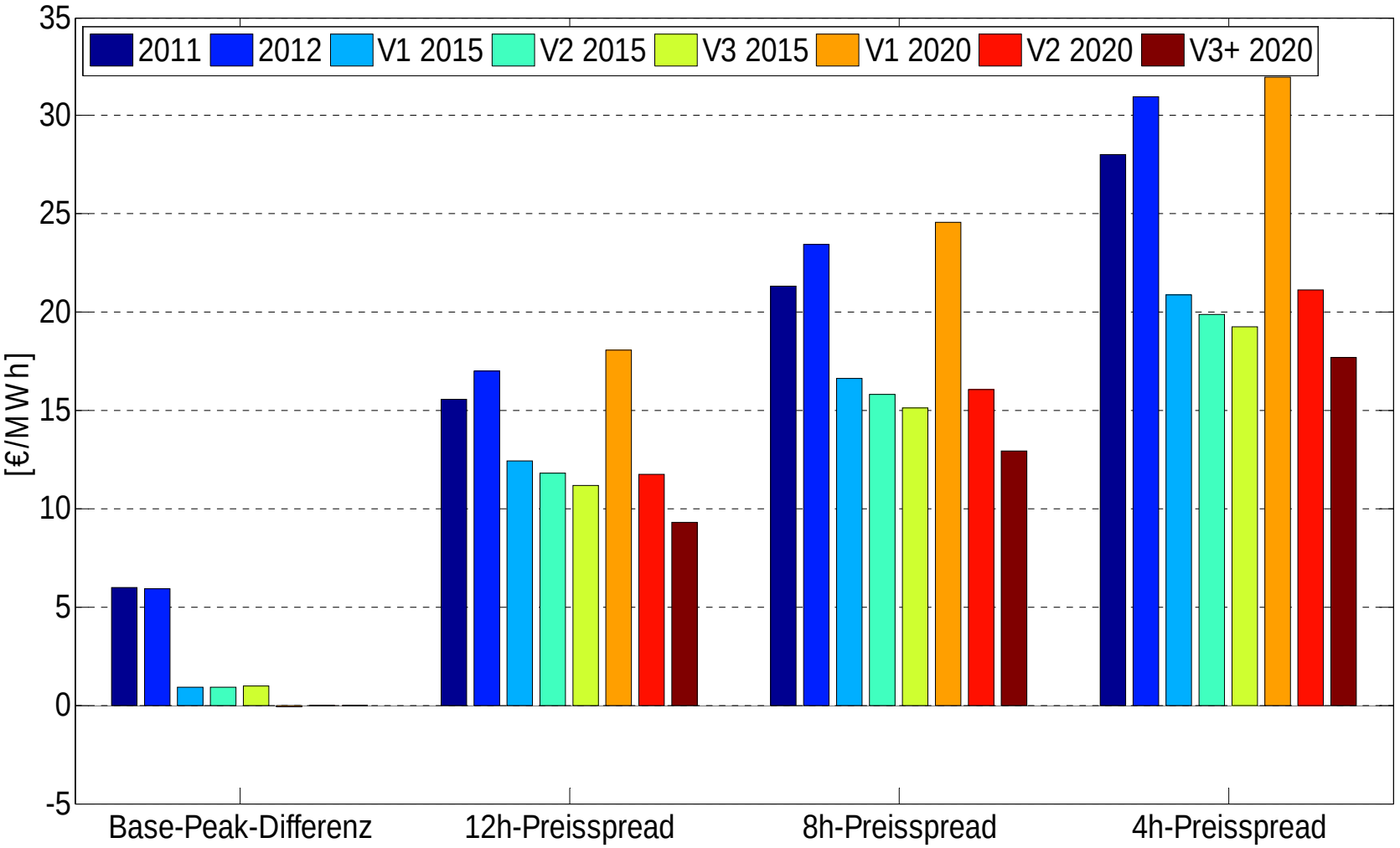


Demand side management – Scenario C 2050





Scenarios of Spot-market price spreads 2015 and 2020



Thesis:

There will never be a business if we wait for system storage demand

What is my main question ?

What do I expect from the workshop?

Impact factors for business cases:

1. **Nominate three storage technologies with the best chance for profit and what are the competitive technologies?**
2. **Which technical development is the break through for storage technologies?**
3. **Which changes in the regulatory framework would support business models for storage technologies?**
4. **Which changes in the regulatory framework would be an obstacle for storage technology business models?**

Nominate three storage technologies with the best chance for profit and what are the competitive technologies?

Which technical development is the break through for storage technologies?

Which changes in the regulatory framework would support business models for storage technologies?

Which changes in the regulatory framework would be an obstacle for storage technology business models?