Creating the capacity utilisation forecast



Capacity utilisation forecast to establish dynamic taxes in accordance with Section 14a EnWG to be implemented by 2029 at the latest



Schedules of flex-free consumers are already available to the grid operator today



Dispatching the schedules of flexible consumers requires considerable process extension

Grid fee calculation and billing



Grid fee billing already automated and suitable for mass data today → adaptation to new requirements feasible



Smart Meters are required to determine the consumption of flexible customers → accelerated rollout in accordance with **GNDEW** already started



Grid fee rate must be derived from the capacity utilisation forecast and published via existing services (e.g. web services) and integrated into processes

Control of household consumption systems at the customer's premises



Optimisation of consumption and control of appliances: already technically possible today via home energy systems (HEMs)



Scheduling compliance: fulfilment of the schedule of controllable consumption devices can already be ensured by HEMs today



Standardisation required so that all new devices can be controlled by HEMs