	Input datasets		Output dataset	

Input datasets

Raw DER data and scenarios

Power distribution grids

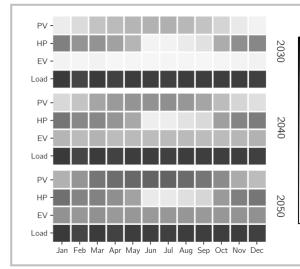**Output dataset**

Photovoltaic systems

Battery energy storage systems

Heat pumps

Electric vehicles

Non controllable load

Monthly energy consumption or generation (TWh)

Heatmap rows: PV, HP, EV, Load for years 2030, 2040, 2050. Columns: Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec. Color scale from 0.1 to 10.