

World Energy Outlook 2018



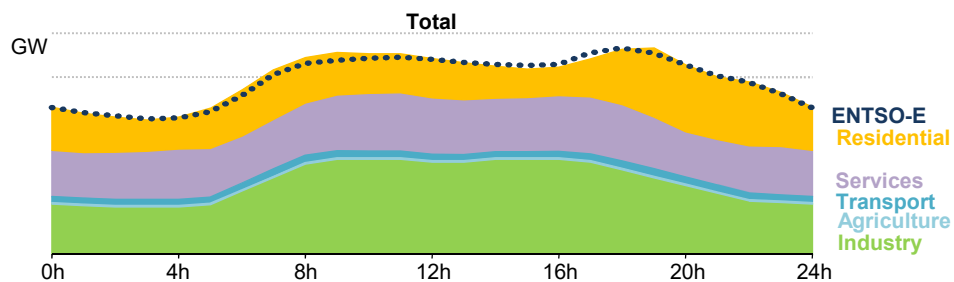
Demand-Side Response in the World Energy Model

October 22nd

Assessing potential of DSM needs assessment of detailed load curves

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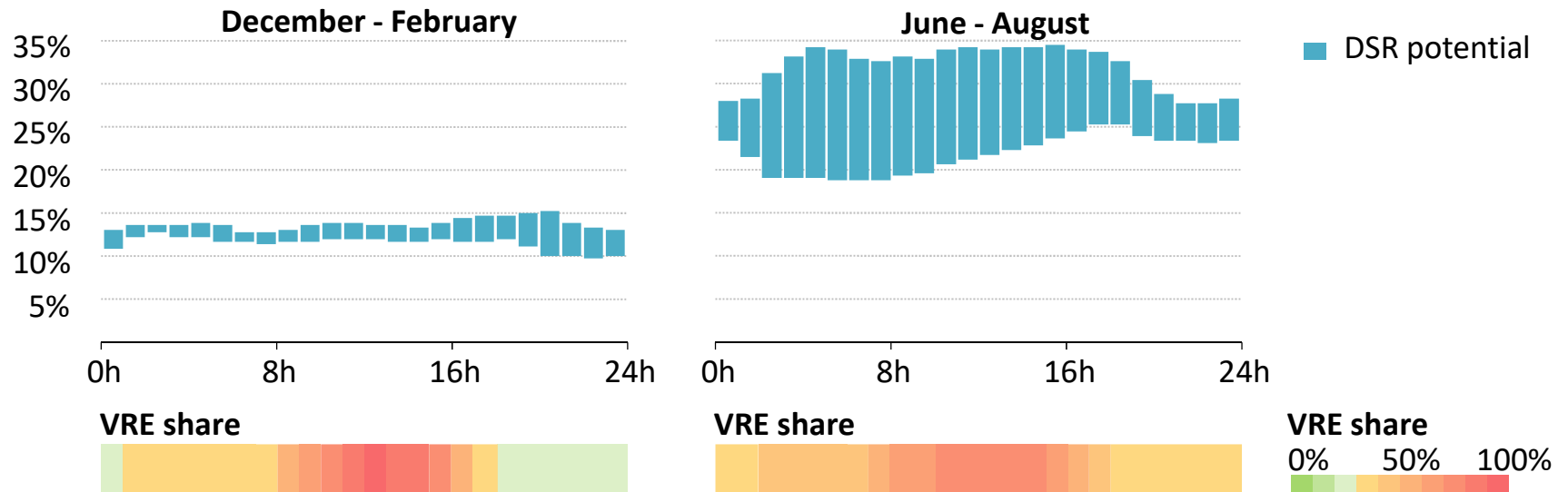
Illustrative load curves by sector for a weekday in February in the European Union compared with the observed load curve by ENTSO-E in 2016



The load profile is an aggregation of the sectoral load profiles for typical days of the year

High potential of DSR doesn't always match needs

Share of load that can be shifted for typical days in two seasonal periods in India in the Sustainable Development Scenario, 2040



Almost a third of electricity demand in India could be shifted in summer, while highest VRE share are observed in winter

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