

SGEM

# DEMAND RESPONSE – CREATING A WORKING VALUE CHAIN

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Empower is creating and validating an end to end solution for demand response in the SGEM-program.

In cooperation with other SGEM partners like LNI Networks, There Corporation, Helen, Fortum LUT, TUT and VTT Empower is enabling market actors to identify demand response potential and to evaluate future implementations.

Demand response can be described as a limitation of the power demand during the peak power hours and the peak

price hours by shifting the power demand away from those hours. Therefore, demand response is not equal to energy saving measures as it does not necessarily reduce the required energy but only shifts the need for it.

Ultimately, the goal of demand response is to reduce electricity consumption or to increase available generation during peak price hours, to shift demand to off-peak times and to reduce peak prices by affecting the formation of the market price of electricity.

