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Field demonstration of large scale stationary power and CHP fuel cell system

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Demonstration of a combined heat and power 2MWe PEM fuel cell generator and integration into an existing chlorine production plant

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Publishable summary

The deliverable concerns the integration of the 2 MWe PEM fuel cell generator with the chlor-alkali electrolysis process regarding thermal heat. The energy efficiency of the PEM fuel cell is about 50 % which means that about 1 MW is available as heat on a relatively low temperature.

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