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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 report on the testing and commissioning of the 2 MWe PEM fuel cell generator at the location Ynnovate (Yingkou, province Liaoning, China).

After the Factory Acceptance Test, the 2 MWe PEM fuel cell generator was packed for transport from The Netherlands to China.

After arrival, the unit was connected on the local utilities. In an earlier stage these already were prepared. The interconnecting piping and electrical cabling between the 3 units was installed simultaneously.

This made it possible to start the testing and commissioning phase of the power plant.

After cleaning the hydrogen feed line, start-up could be performed relatively quickly due to the extensive testing and commissioning activities before.

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