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

GA No. 621256



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

From previous lifetime tests in representative conditions, seals, in addition to MEA's, proved to be lifetime limiting. Since long lifetimes are crucial for the viability of the technology that is demonstrated in DEMCOPEM-2MW improved seals should be introduced in Nedstack's DEMCOPEM stacks.

Based on materials tested in a previous FCH-JU project (STAYERS) and validation of the results in the initial stage of the DEMCOPEM project a new seal was selected and was incorporated in all produced DEMCOPEM stacks.

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Disclaimer

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