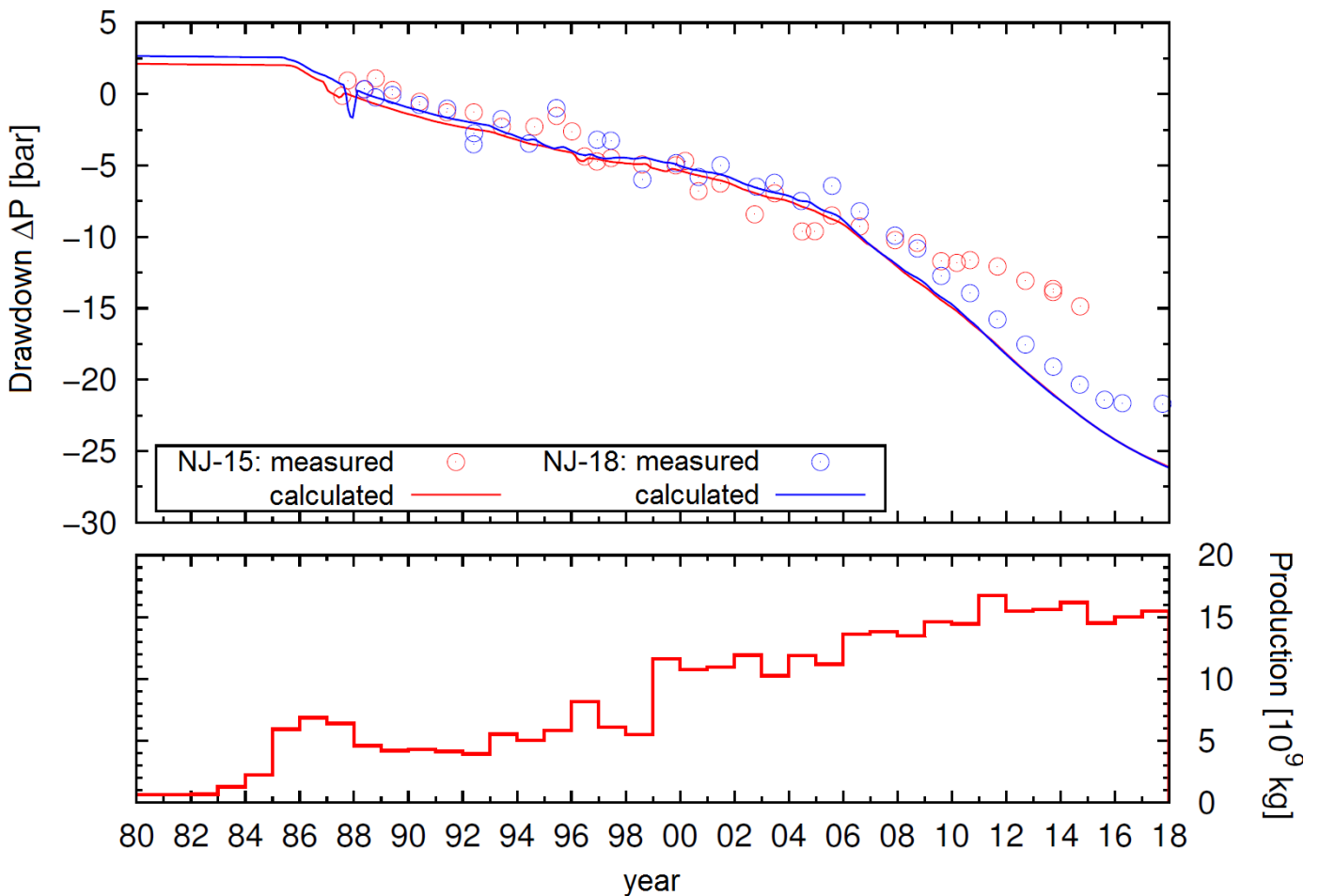


# Drawdown in Nesjavellir, Hellisheidi and Hverahlid

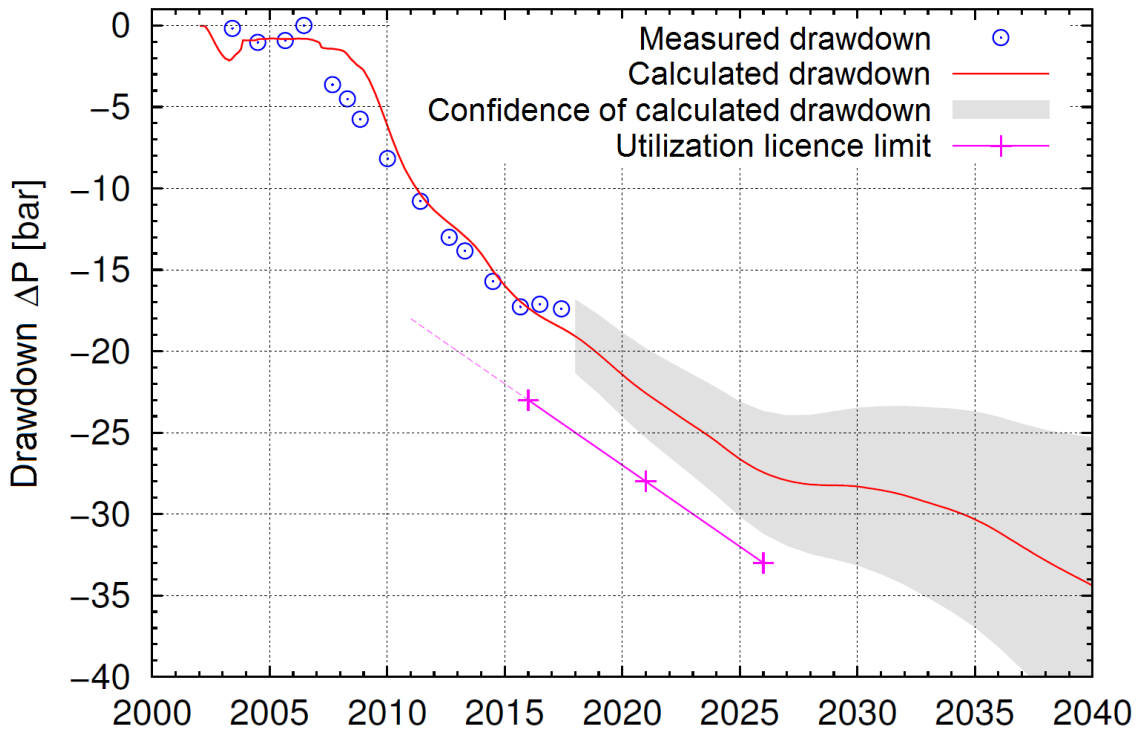
By connecting production wells in Hverahlid to the Hellisheidi Power Plant, the management of the production fields are more controllable. More consistency has been established between new measurements of the wells' production rates and simulations than before.

## Nesjavellir



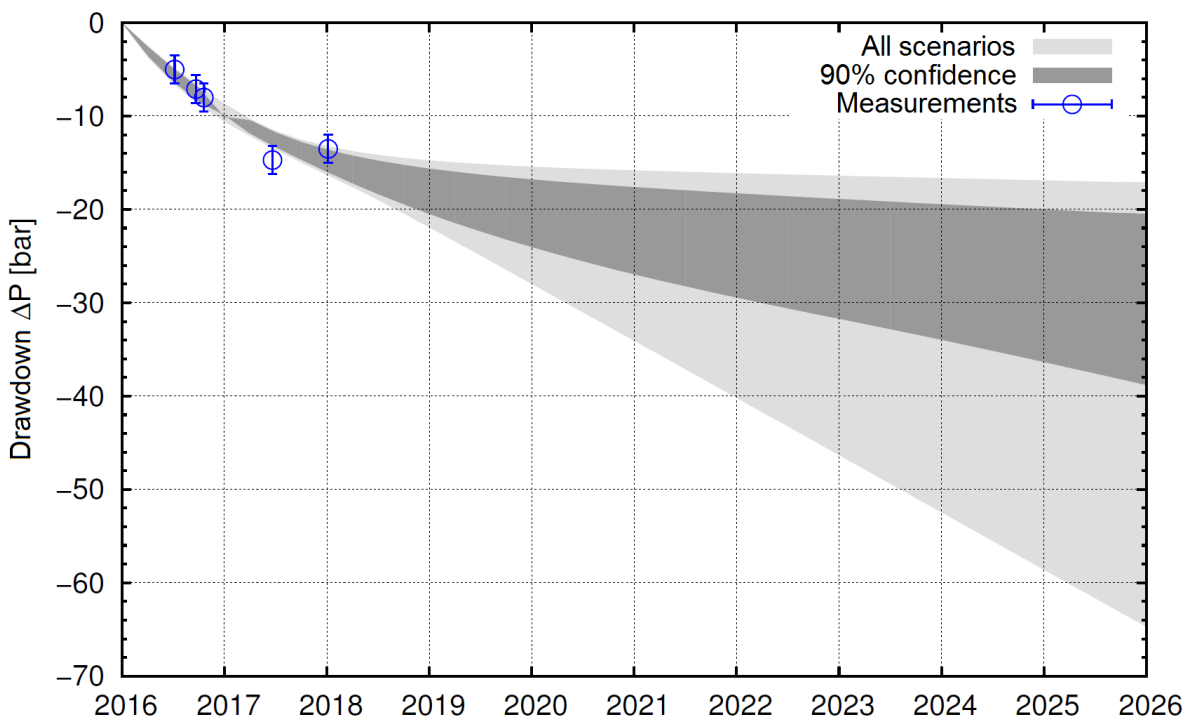
Drawdown (bar) and average annual production (kg/s) in Nesjavellir 1980-2017. A comparison between the measured and calculated drawdown appears in the upper part of the figure and the annual average production in the lower part. Solid curves show simulated results, while dots show measured values in wells at a depth of 800-1000 m. The red curve shows the drawdown in well NJ-18 and the blue curve in well NJ-15. The NJ-15 well came into operation in 2015 and was therefore not measured.

## Hellisheidi



Comparison of the measured and estimated pressure drop, the so-called drawdown (bar), in well HE-4 in Hellisheidi 2000-2040. The crosses are limits according to the power plant licence. A line is drawn between the crosses, but the points are drawn according to 2011 when the licence entered into force. The confidence of the simulated pressure drawdown are shown in grey.

## Hverahlid



A comparison of the measured and calculated pressure drop, the so-called drawdown. Confidence of calculated drawdown is shown in grey.