

Enercoop

Energy Forecats



17/05/19

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Demand Forecast

PrévisionConsoDemiHeure



Noms de mesures

■ Prévision Conso

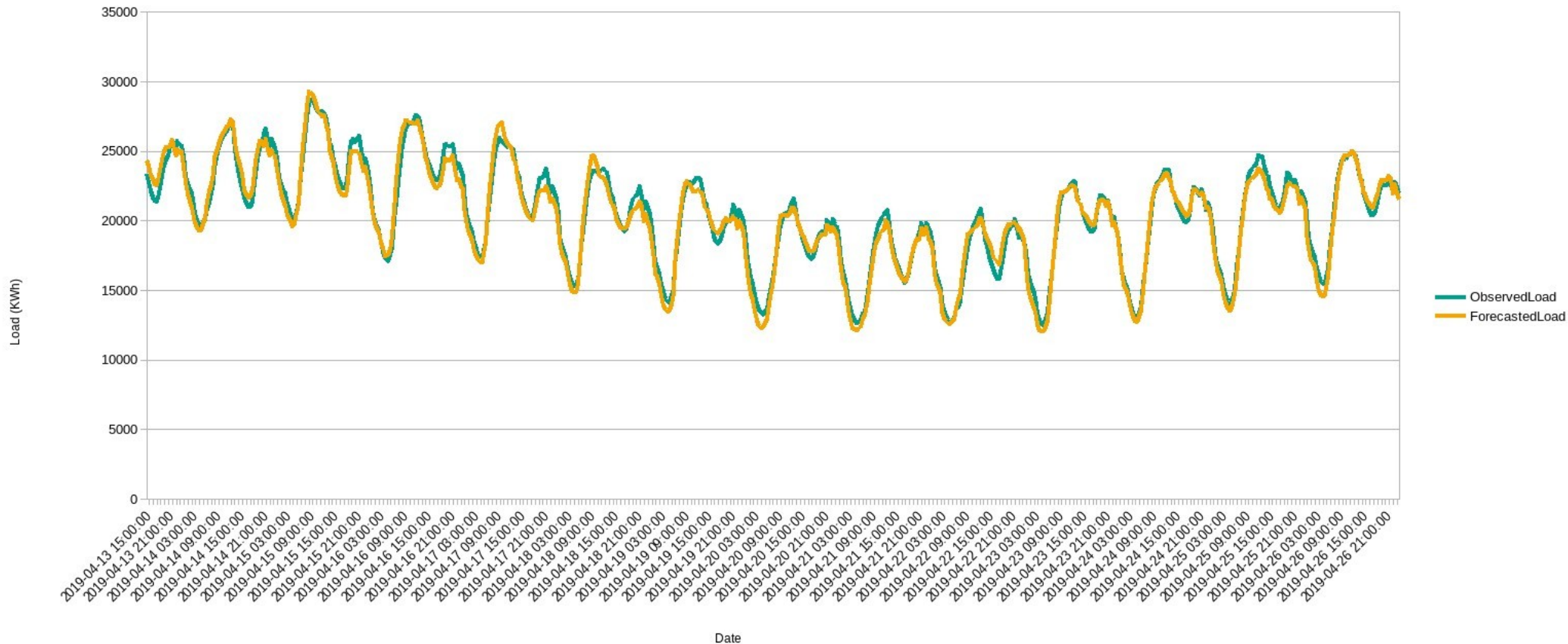
■ PrévisionConsoAvecTempérature

- Aggregated over the full portfolio
- Based temperature forecast, national demande forecast (from TSO), real consumption d-15, and profiles
- 30 min time step
- 10 days ahead
- Computed every morning
- R scripts



Balance responsibility

Forecasted Load compared to Observed Load



- Success both on profiled (residential, small companies) and metered clients
- Enercoop bears the imbalance risk on the load
- Raw cost : 0,17 €/MWh
- Cost including BRP fees : 0,23 €/MWh vs 0,8€/MWh expected
- Needs ~ 1 year to confirm these results (data reconciliation)



Work Plan

- 2019
 - Complete the pilote on the demand side
 - Develop the production side (much more tricky)
- 2020 : bear the responsibility on the production side
- 2021 : maybe integrate more of the BRP skills ?