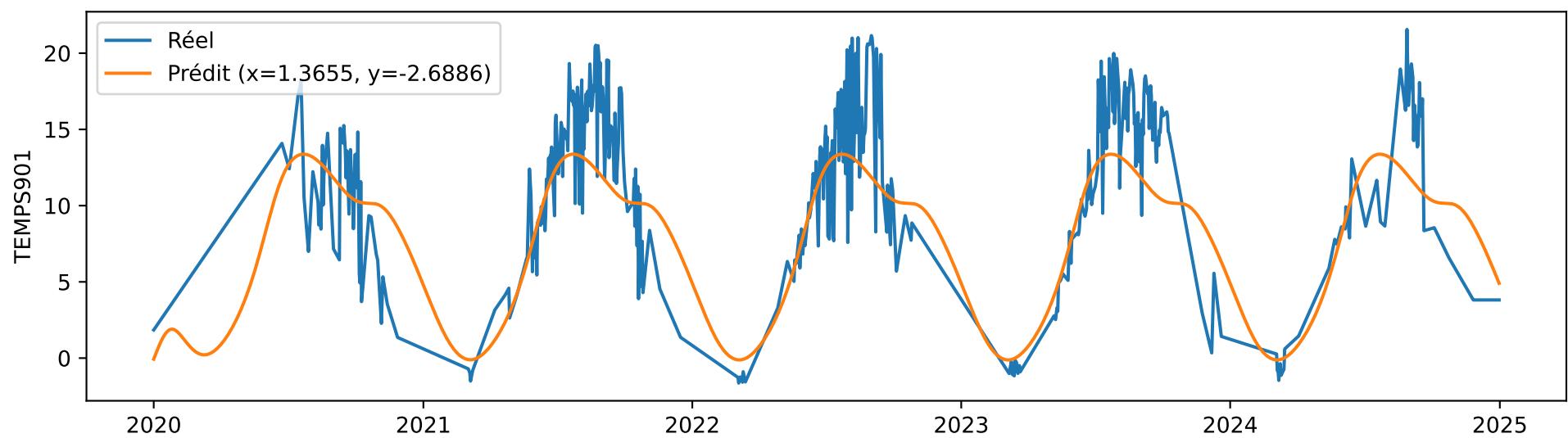
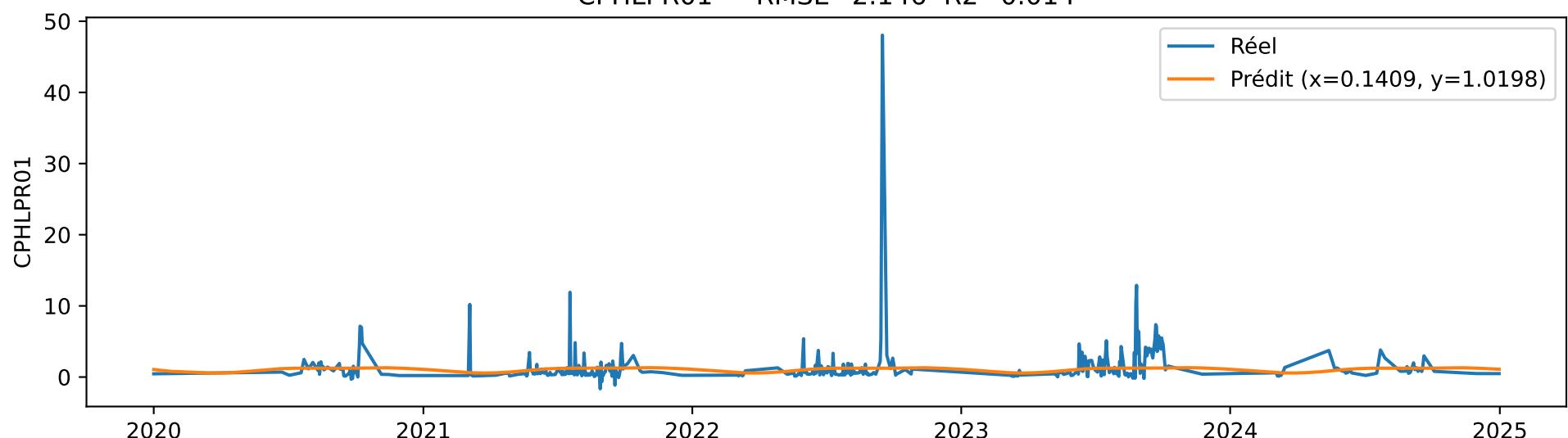


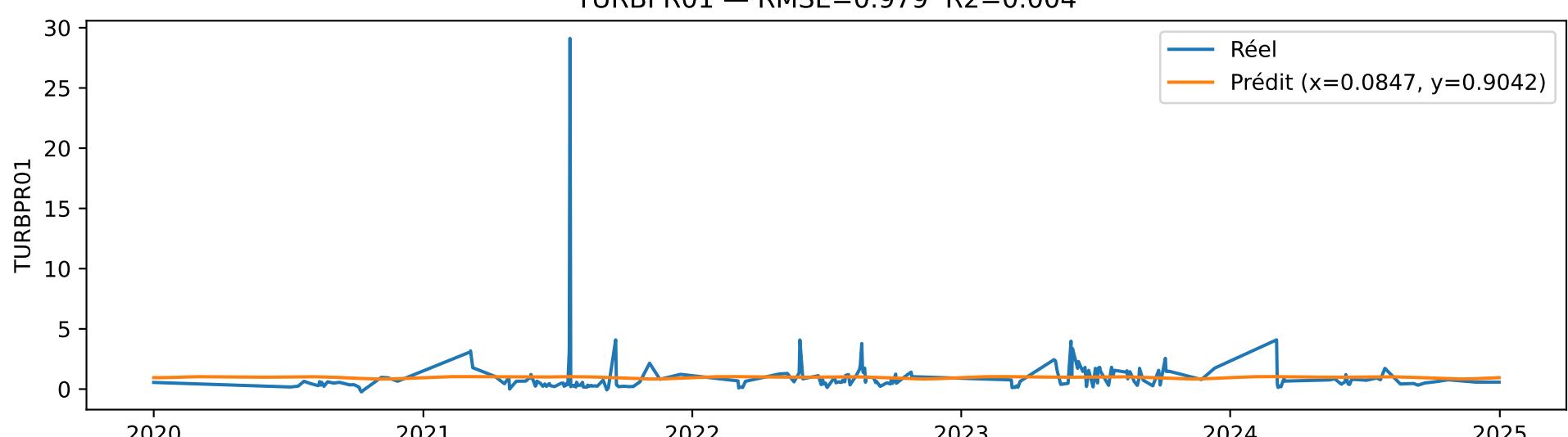
TEMPS901 — RMSE=3.431 R2=0.644



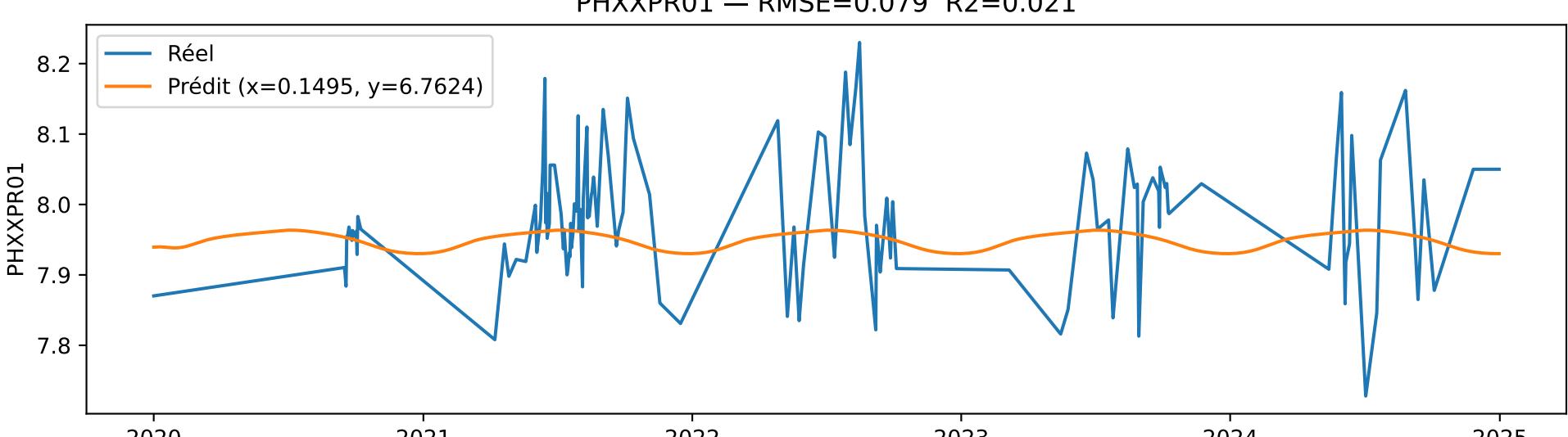
CPHLPR01 — RMSE=2.146 R2=0.014



TURBPR01 — RMSE=0.979 R2=0.004



PHXXPR01 — RMSE=0.079 R2=0.021



## Résultats LSTM multivarié (après OLS)

Période entraînement : 2000-03-01 -> 2019-12-31

Période test : 2020-01-01 -> 2024-12-31

Metrics par variable (après transformation optimale) :

- TEMPS901: RMSE=3.4312, R2=0.6443 ( $x=1.365543$ ,  $y=-2.688609$ ,  $R2_{opt}=0.644299$ )
- CPHLPR01: RMSE=2.1459, R2=0.0142 ( $x=0.140917$ ,  $y=1.019813$ ,  $R2_{opt}=0.014194$ )
- TURBPR01: RMSE=0.9786, R2=0.0043 ( $x=0.084704$ ,  $y=0.904209$ ,  $R2_{opt}=0.004259$ )
- PHXXPR01: RMSE=0.0790, R2=0.0208 ( $x=0.149530$ ,  $y=6.762372$ ,  $R2_{opt}=0.020757$ )