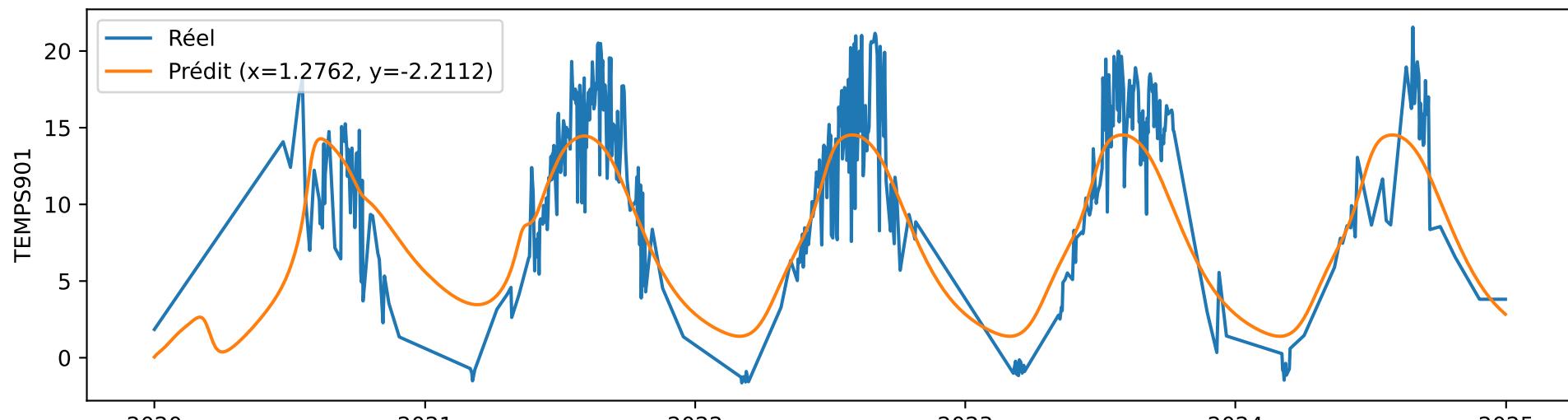
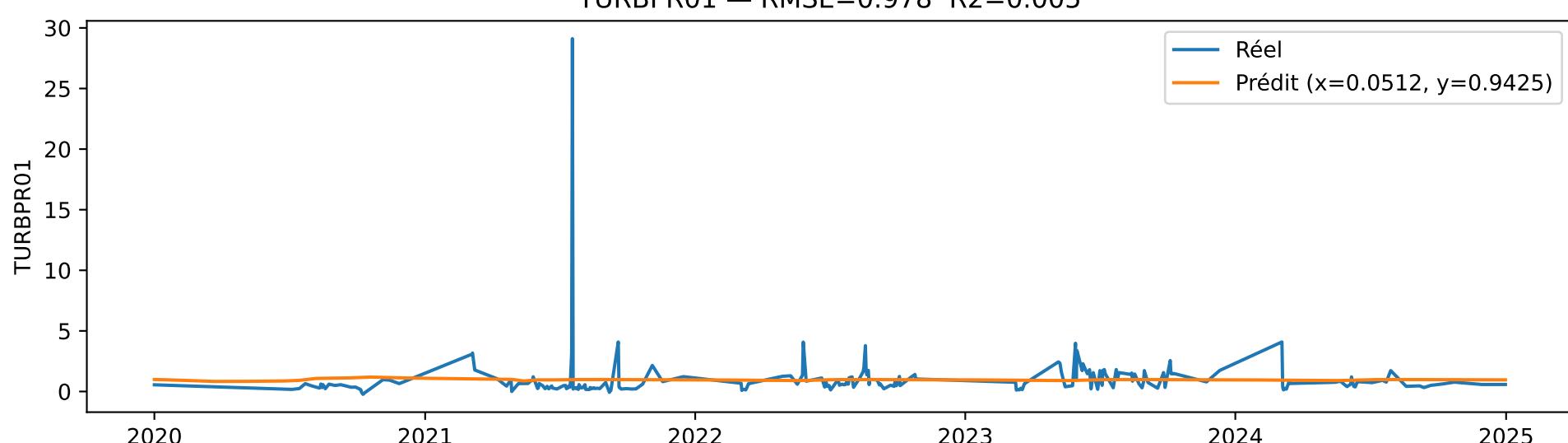


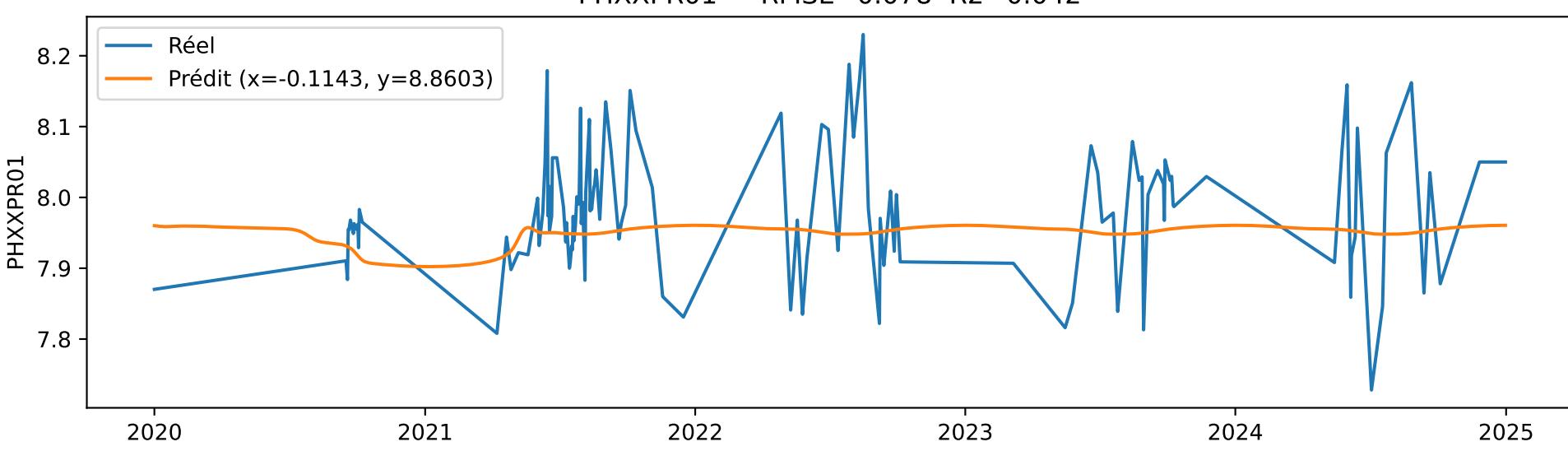
TEMPS901 — RMSE=3.541 R2=0.621



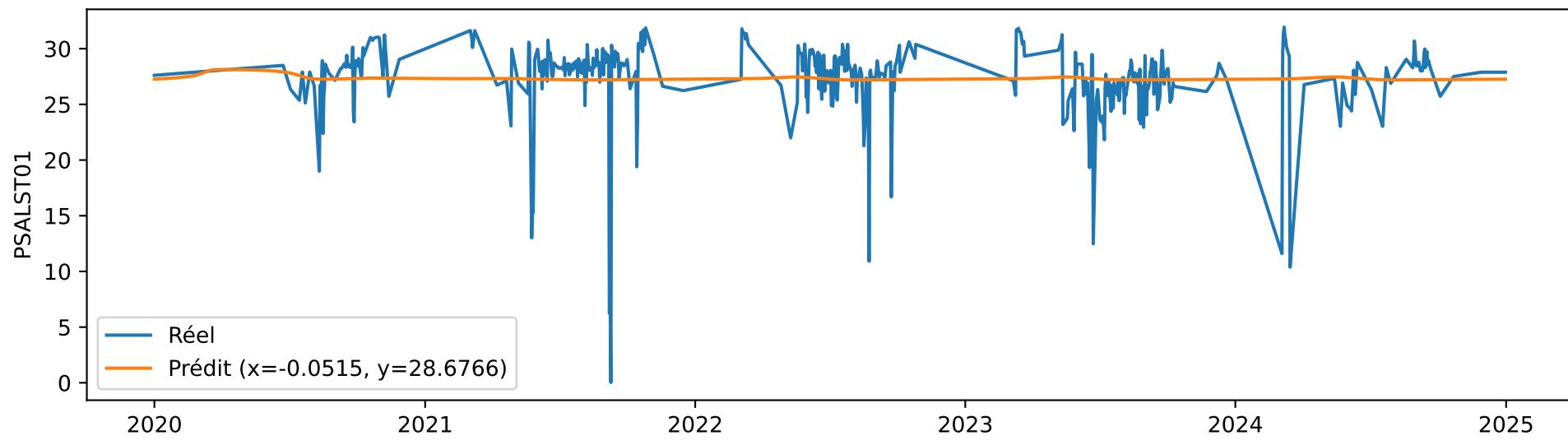
TURBPR01 — RMSE=0.978 R2=0.005



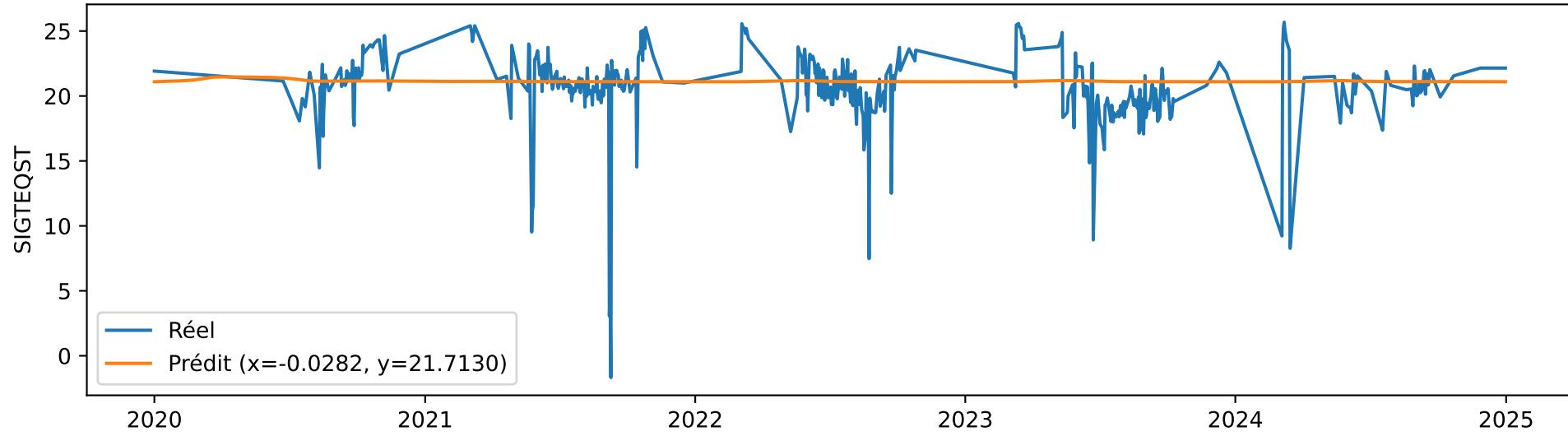
PHXXPR01 — RMSE=0.078 R2=0.042



PSALST01 — RMSE=3.070 R2=0.004



SIGTEQST — RMSE=2.543 R2=0.001



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=3.5411, R2=0.6212 ($x=1.276220$, $y=-2.211240$, $R2_{opt}=0.621152$)
- TURBPR01: RMSE=0.9784, R2=0.0046 ($x=0.051219$, $y=0.942466$, $R2_{opt}=0.004575$)
- PHXXPR01: RMSE=0.0782, R2=0.0423 ($x=-0.114347$, $y=8.860289$, $R2_{opt}=0.042267$)
- PSALST01: RMSE=3.0702, R2=0.0045 ($x=-0.051471$, $y=28.676626$, $R2_{opt}=0.004477$)
- SIGTEQST: RMSE=2.5425, R2=0.0011 ($x=-0.028170$, $y=21.713003$, $R2_{opt}=0.001093$)