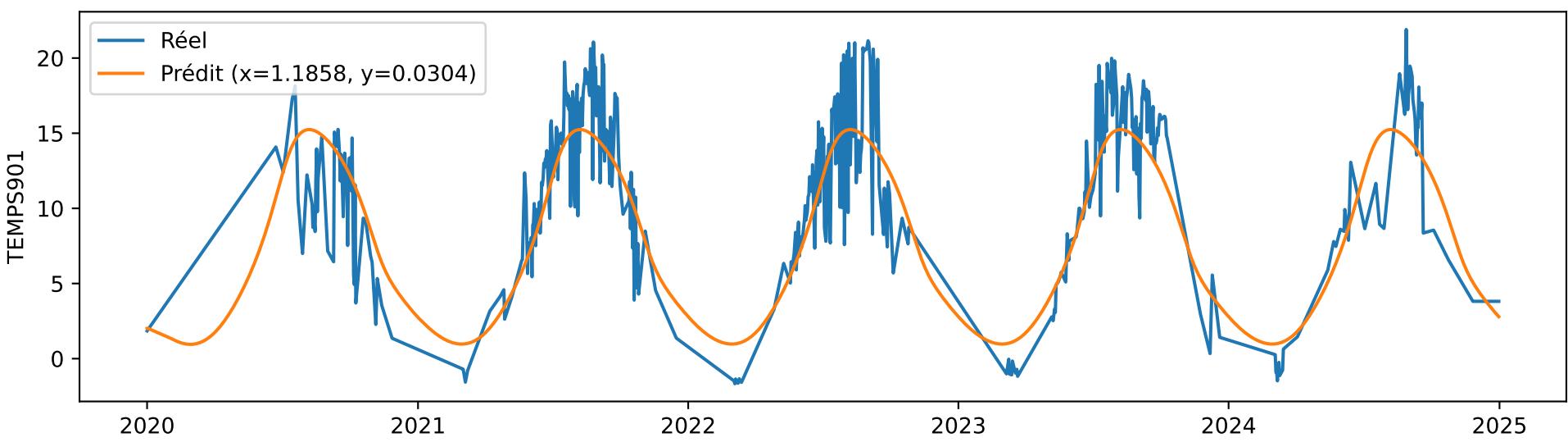
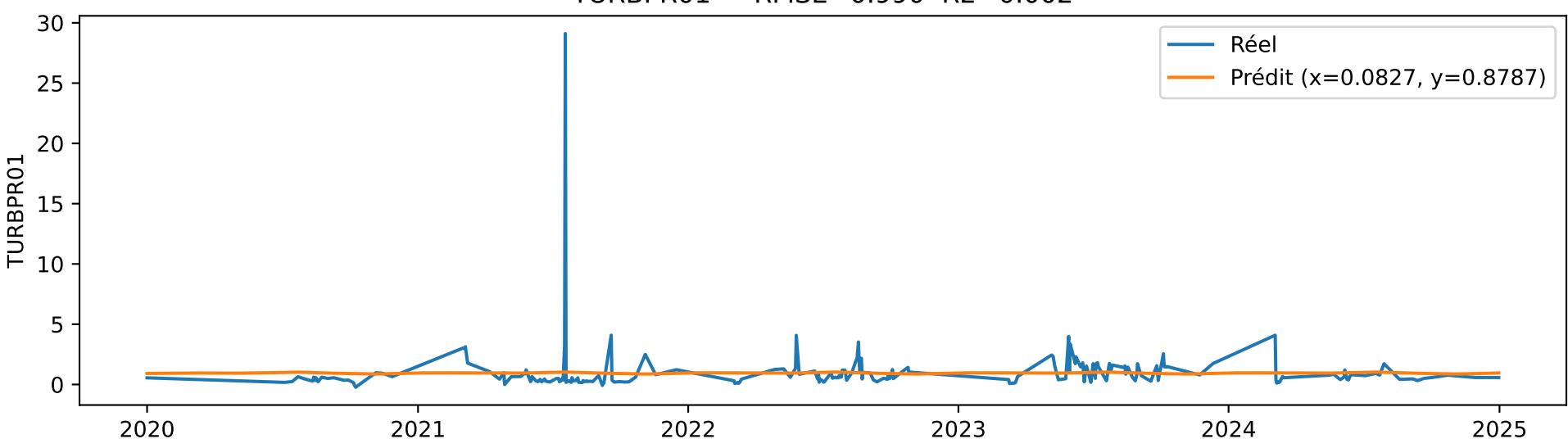


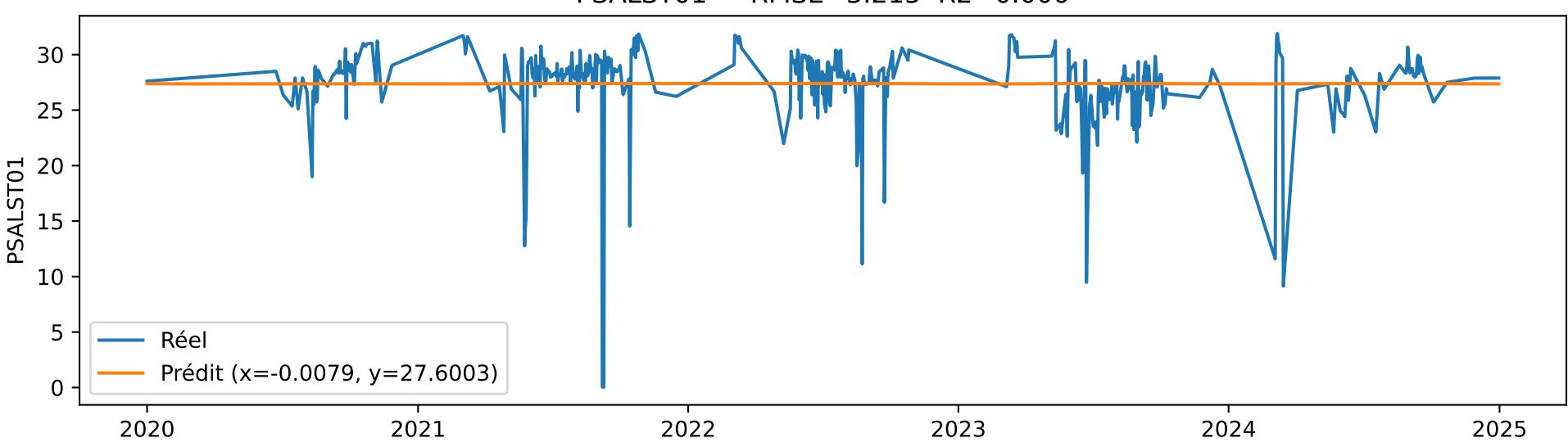
TEMPS901 — RMSE=2.803 R2=0.766



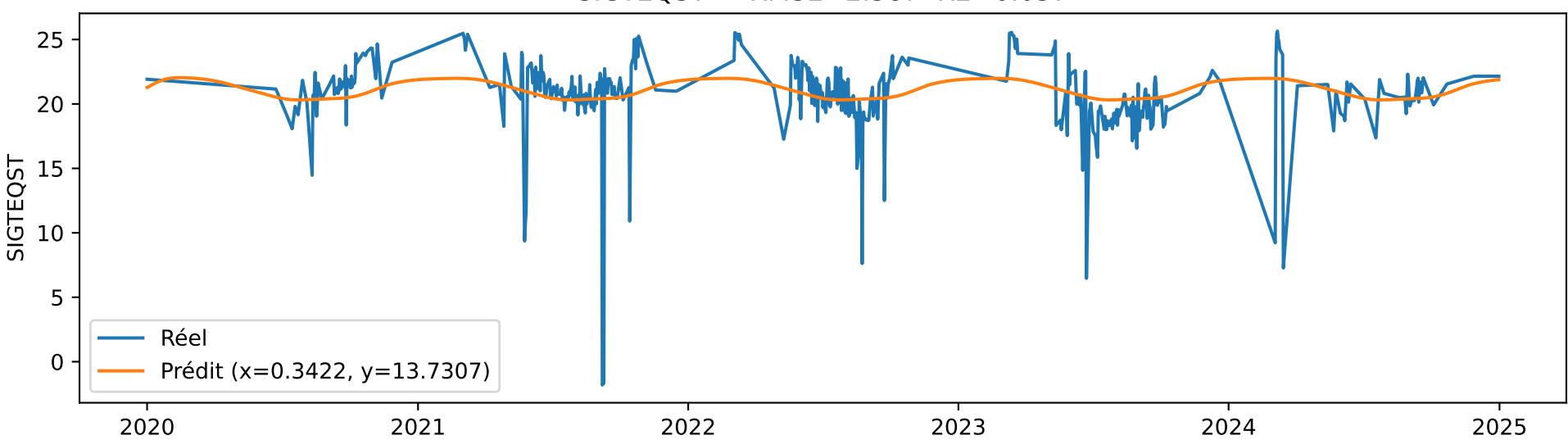
TURBPR01 — RMSE=0.990 R2=0.002



PSALST01 — RMSE=3.215 R2=0.000



SIGTEQST — RMSE=2.587 R2=0.057



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=2.8028, R2=0.7662 ($x=1.185811$, $y=0.030361$, $R2_{opt}=0.766185$)
- TURBPR01: RMSE=0.9897, R2=0.0016 ($x=0.082680$, $y=0.878718$, $R2_{opt}=0.001605$)
- PSALST01: RMSE=3.2152, R2=0.0000 ($x=-0.007878$, $y=27.600319$, $R2_{opt}=0.000018$)
- SIGTEQST: RMSE=2.5873, R2=0.0567 ($x=0.342233$, $y=13.730671$, $R2_{opt}=0.056713$)