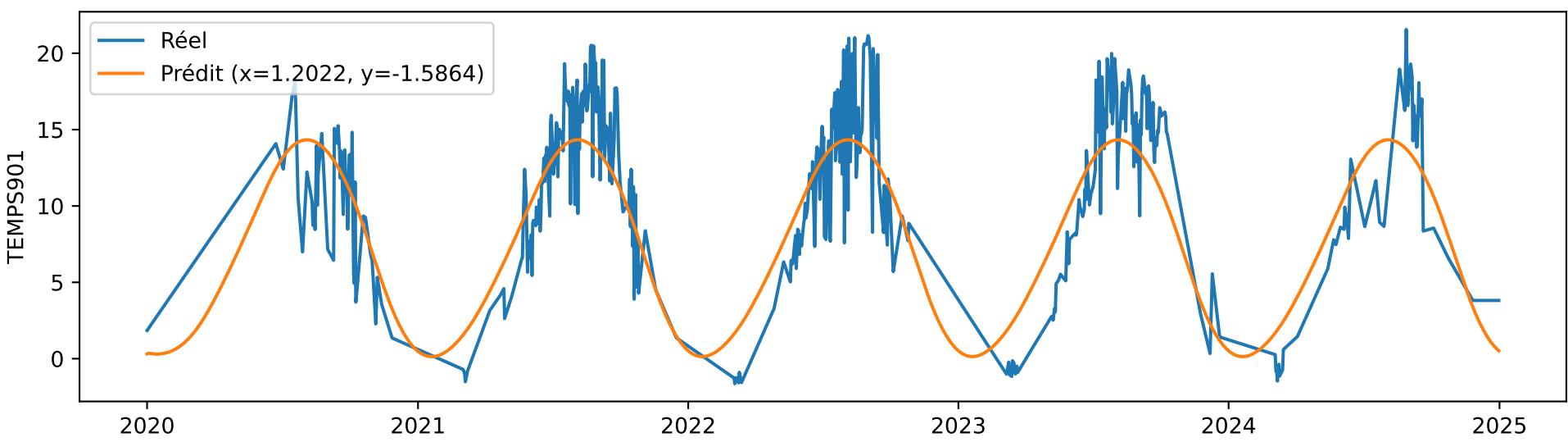
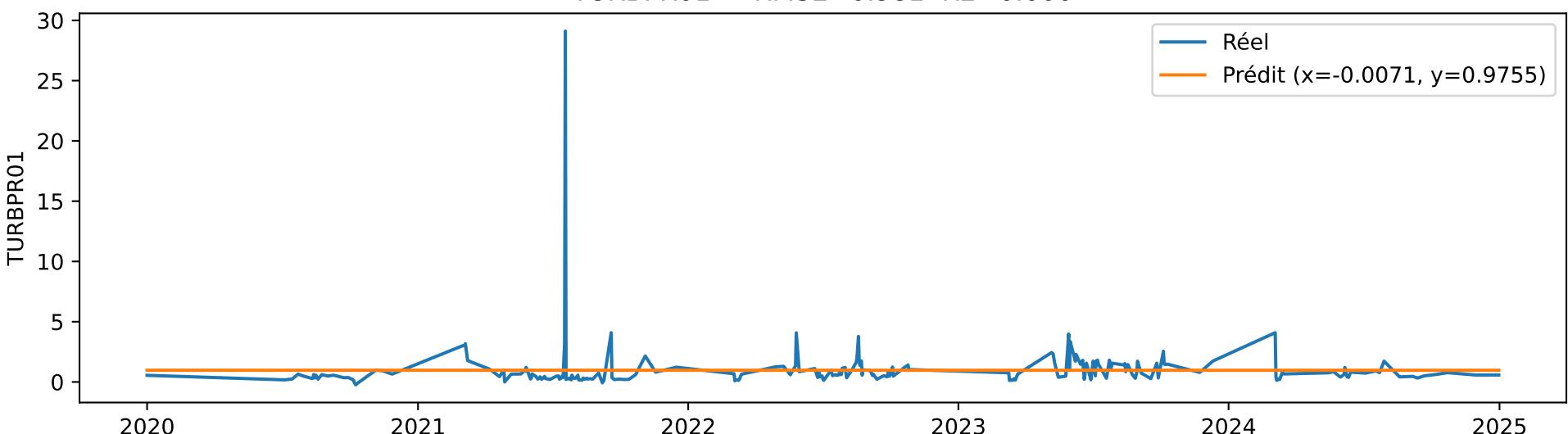


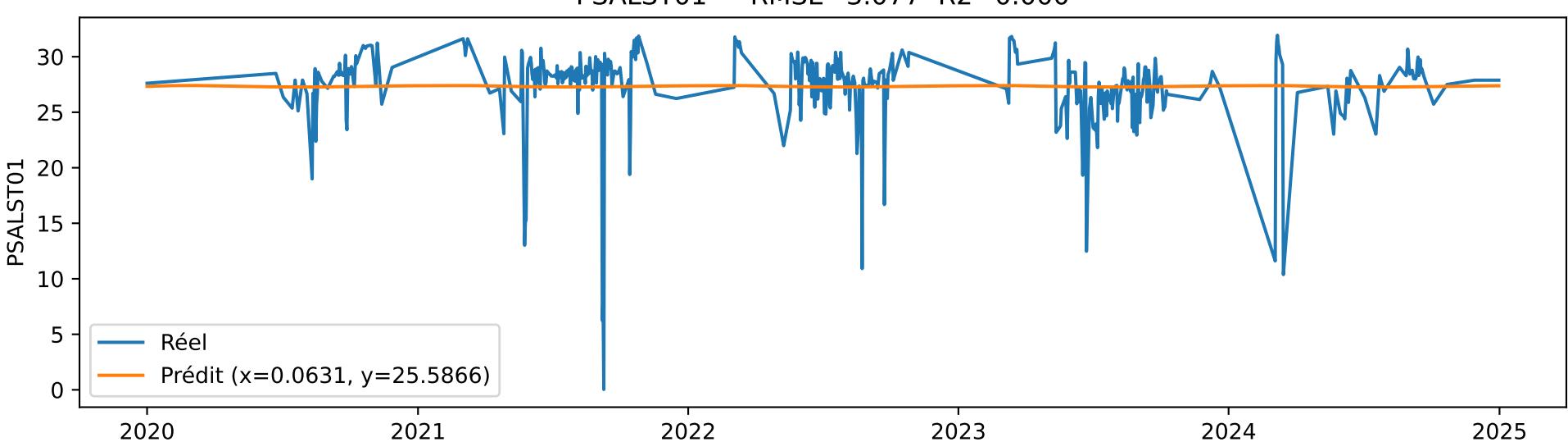
TEMPS901 — RMSE=2.784 R2=0.766



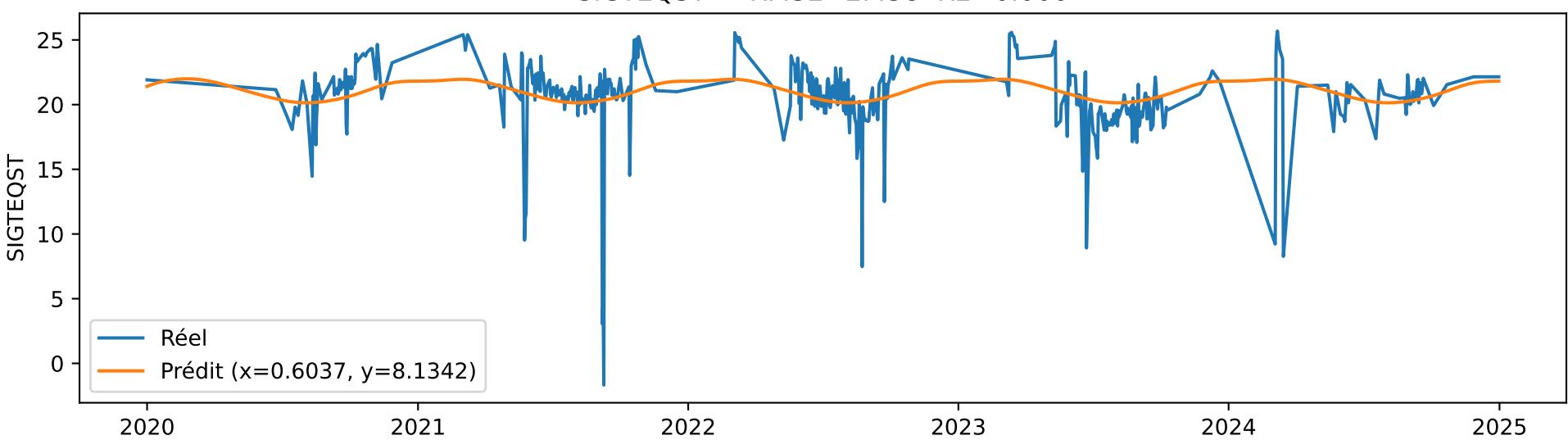
TURBPR01 — RMSE=0.981 R2=0.000



PSALST01 — RMSE=3.077 R2=0.000



SIGTEQST — RMSE=2.458 R2=0.066



## 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=2.7844, R2=0.7658 ( $x=1.202162$ ,  $y=-1.586390$ ,  $R2_{opt}=0.765769$ )
- TURBPR01: RMSE=0.9807, R2=0.0000 ( $x=-0.007053$ ,  $y=0.975519$ ,  $R2_{opt}=0.000004$ )
- PSALST01: RMSE=3.0767, R2=0.0002 ( $x=0.063144$ ,  $y=25.586643$ ,  $R2_{opt}=0.000231$ )
- SIGTEQST: RMSE=2.4583, R2=0.0661 ( $x=0.603684$ ,  $y=8.134186$ ,  $R2_{opt}=0.066128$ )