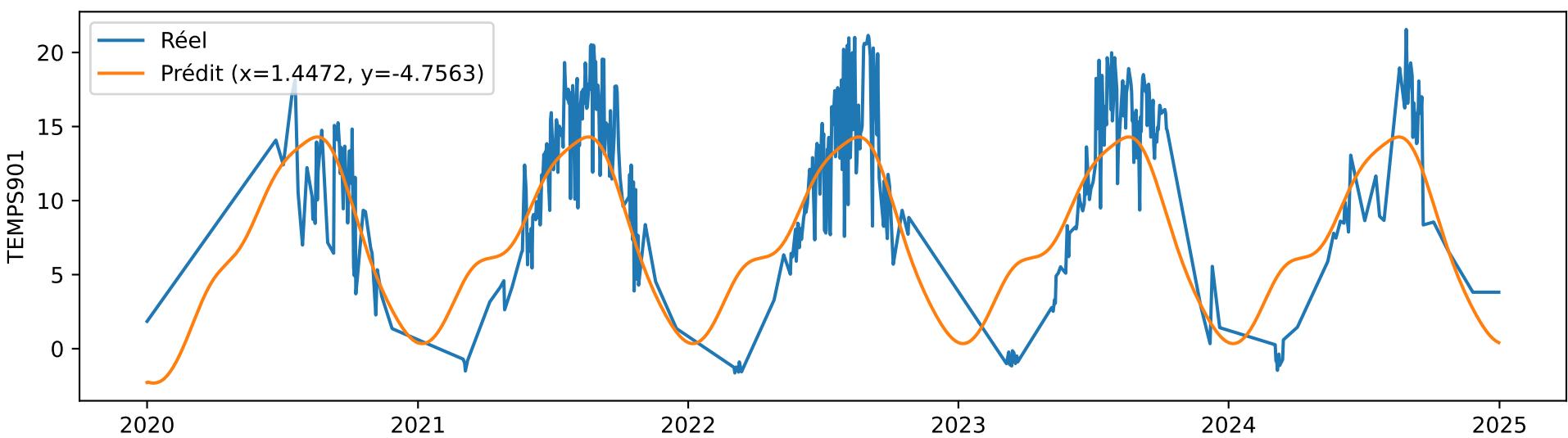
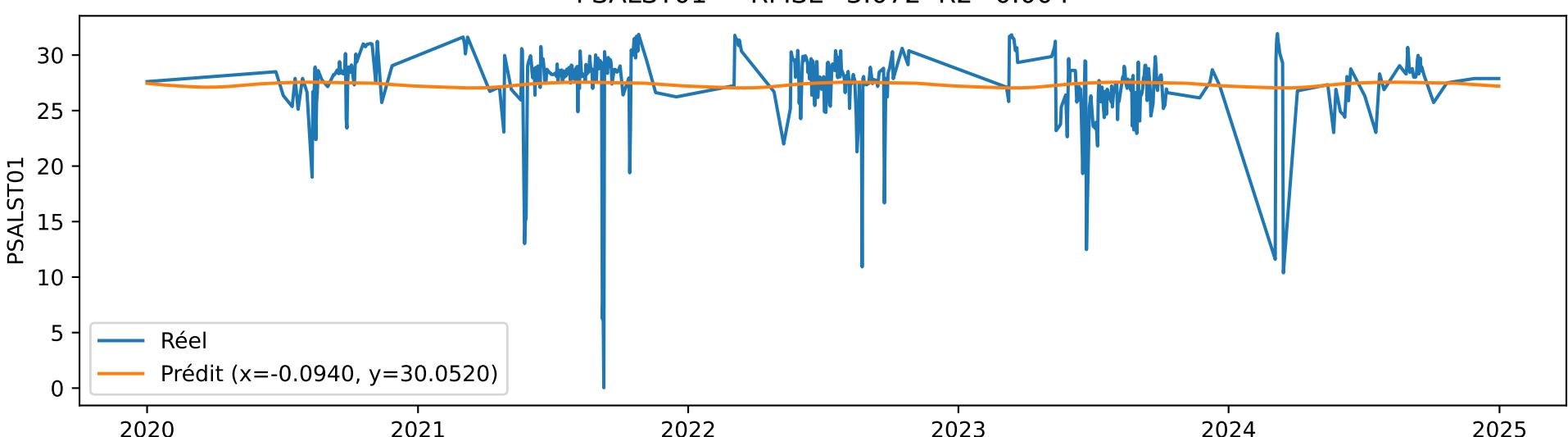


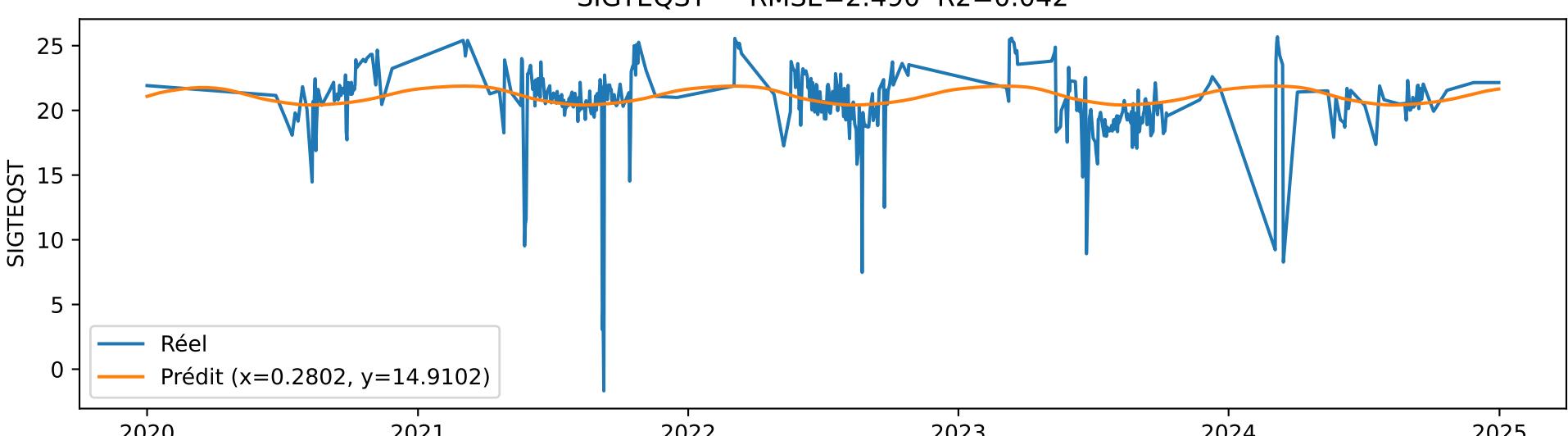
TEMPS901 — RMSE=3.287 R2=0.674



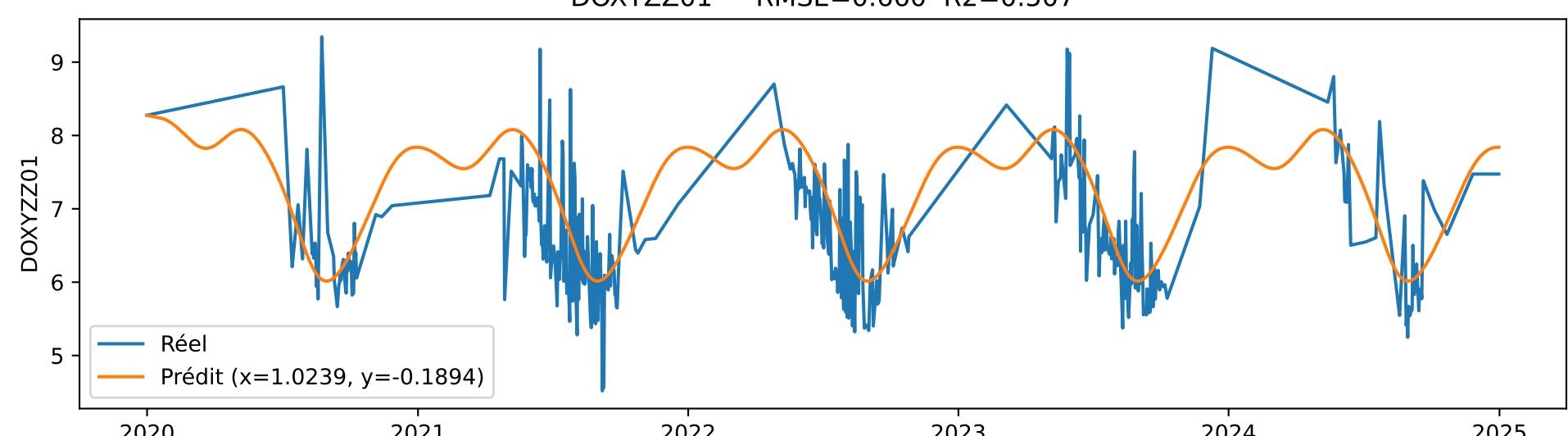
PSALST01 — RMSE=3.072 R2=0.004



SIGTEQST — RMSE=2.490 R2=0.042



DOXYZZ01 — RMSE=0.660 R2=0.507



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=3.2873, R2=0.6735 ($x=1.447152$, $y=-4.756295$, $R2_{opt}=0.673520$)
- PSALST01: RMSE=3.0717, R2=0.0035 ($x=-0.093985$, $y=30.051997$, $R2_{opt}=0.003509$)
- SIGTEQST: RMSE=2.4896, R2=0.0422 ($x=0.280242$, $y=14.910208$, $R2_{opt}=0.042245$)
- DOXYZZ01: RMSE=0.6601, R2=0.5067 ($x=1.023862$, $y=-0.189417$, $R2_{opt}=0.506728$)