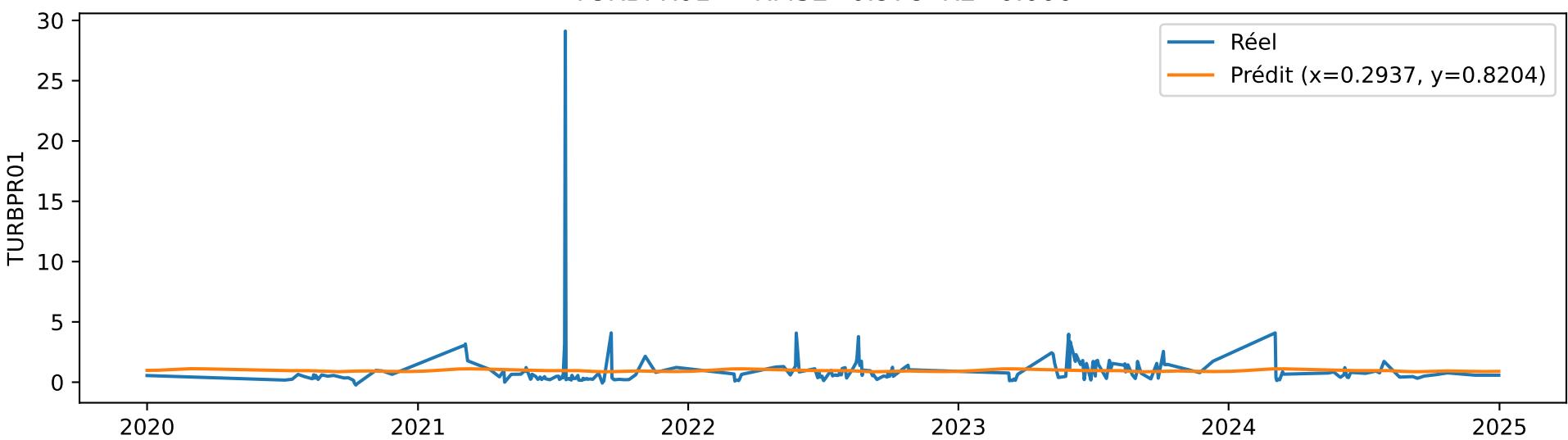
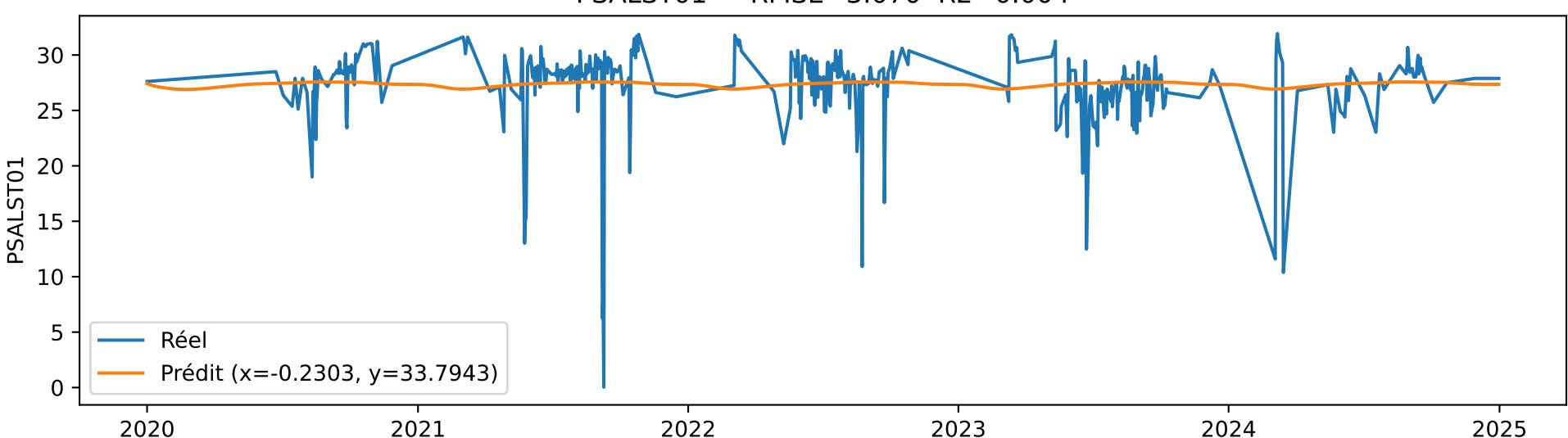


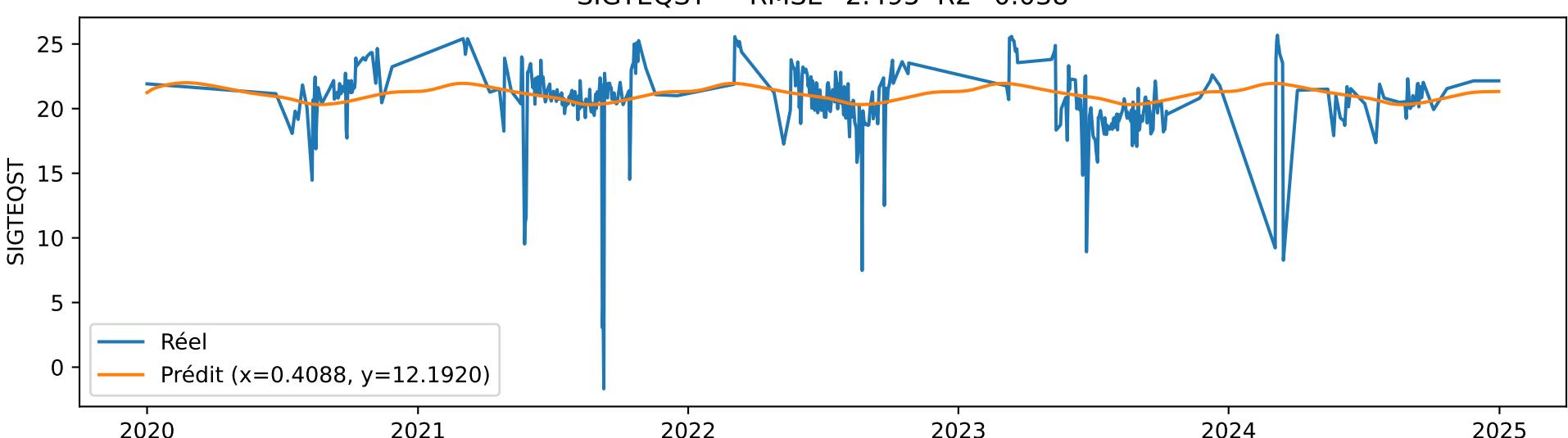
TURBPR01 — RMSE=0.978 R2=0.006



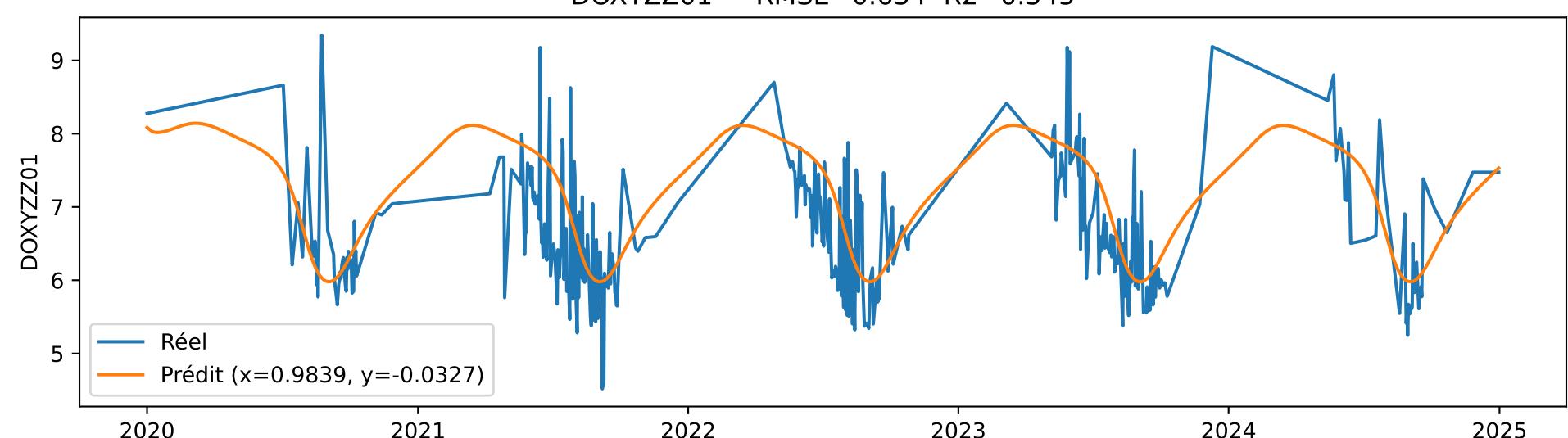
PSALST01 — RMSE=3.070 R2=0.004



SIGTEQST — RMSE=2.495 R2=0.038



DOXYZZ01 — RMSE=0.634 R2=0.545



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) :

- TURBPR01: RMSE=0.9779, R2=0.0056 ($x=0.293675$, $y=0.820375$, $R2_{opt}=0.005616$)
- PSALST01: RMSE=3.0703, R2=0.0044 ($x=-0.230323$, $y=33.794272$, $R2_{opt}=0.004387$)
- SIGTEQST: RMSE=2.4946, R2=0.0384 ($x=0.408843$, $y=12.192028$, $R2_{opt}=0.038415$)
- DOXYZZ01: RMSE=0.6340, R2=0.5450 ($x=0.983907$, $y=-0.032733$, $R2_{opt}=0.545005$)