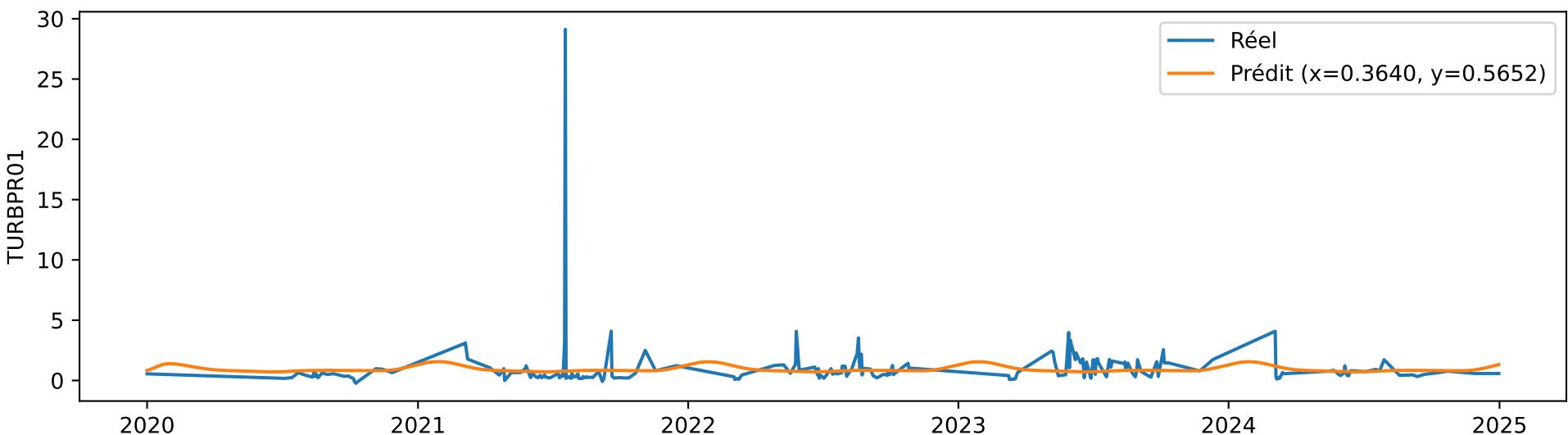
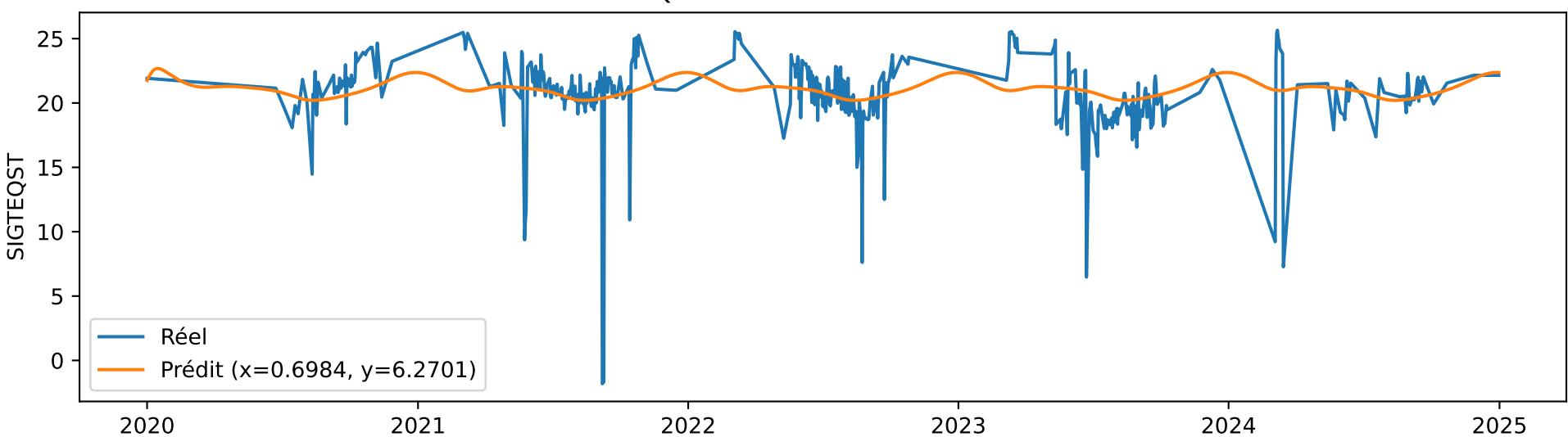


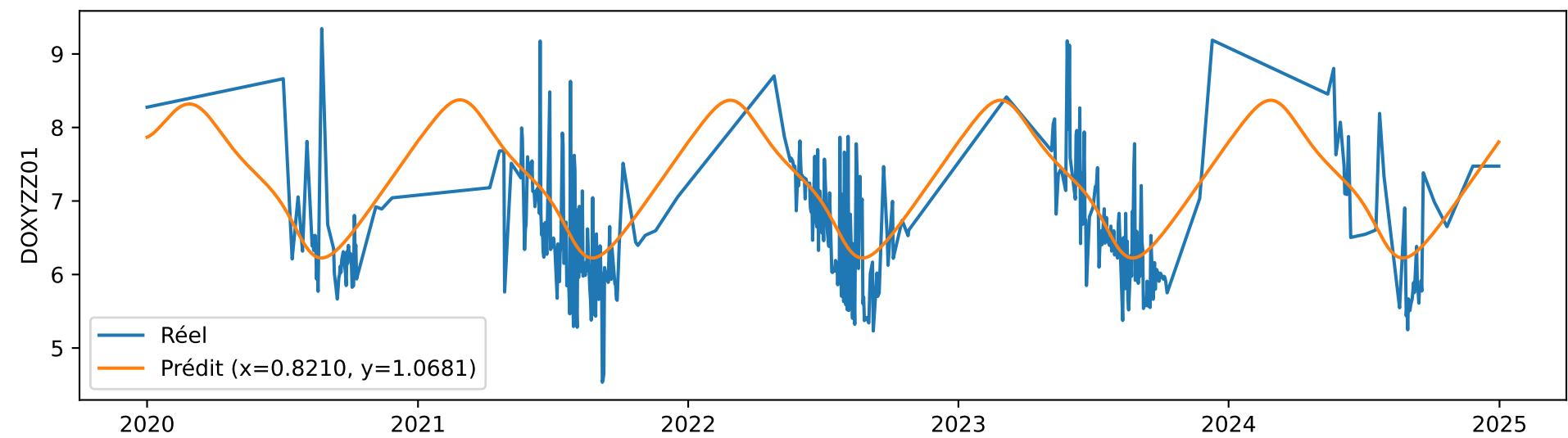
TURBPR01 — RMSE=0.960 R2=0.060



SIGTEQST — RMSE=2.589 R2=0.055



DOXYZZ01 — RMSE=0.650 R2=0.526



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=0.9603, R2=0.0601 ($x=0.364037$, $y=0.565236$, $R^2_{opt}=0.060090$)
- SIGTEQST: RMSE=2.5893, R2=0.0552 ($x=0.698392$, $y=6.270124$, $R^2_{opt}=0.055249$)
- DOXYZZ01: RMSE=0.6499, R2=0.5262 ($x=0.820952$, $y=1.068055$, $R^2_{opt}=0.526239$)