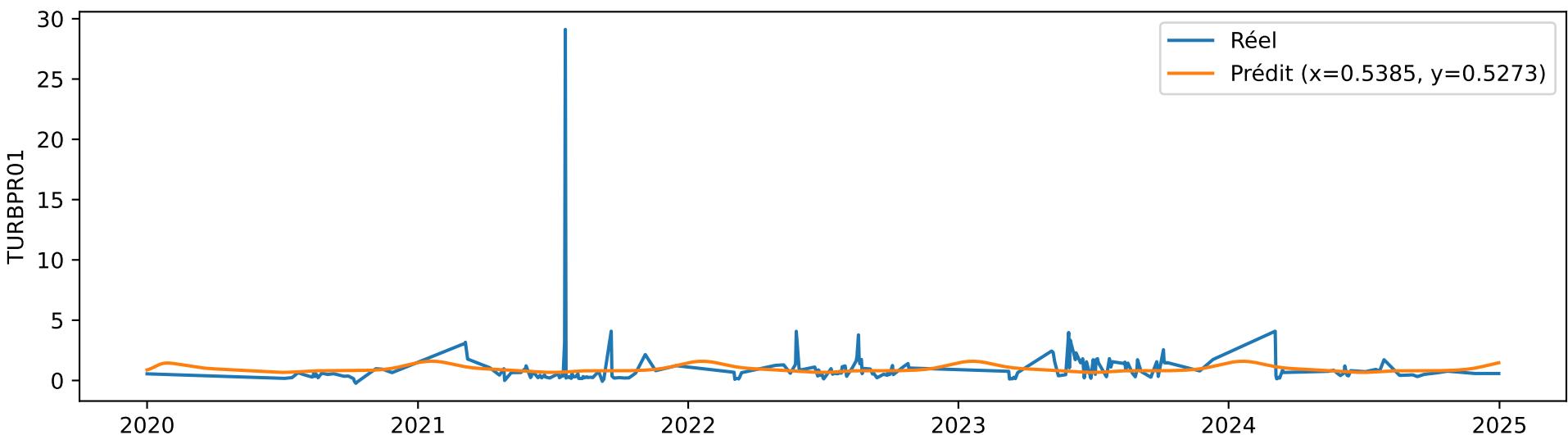
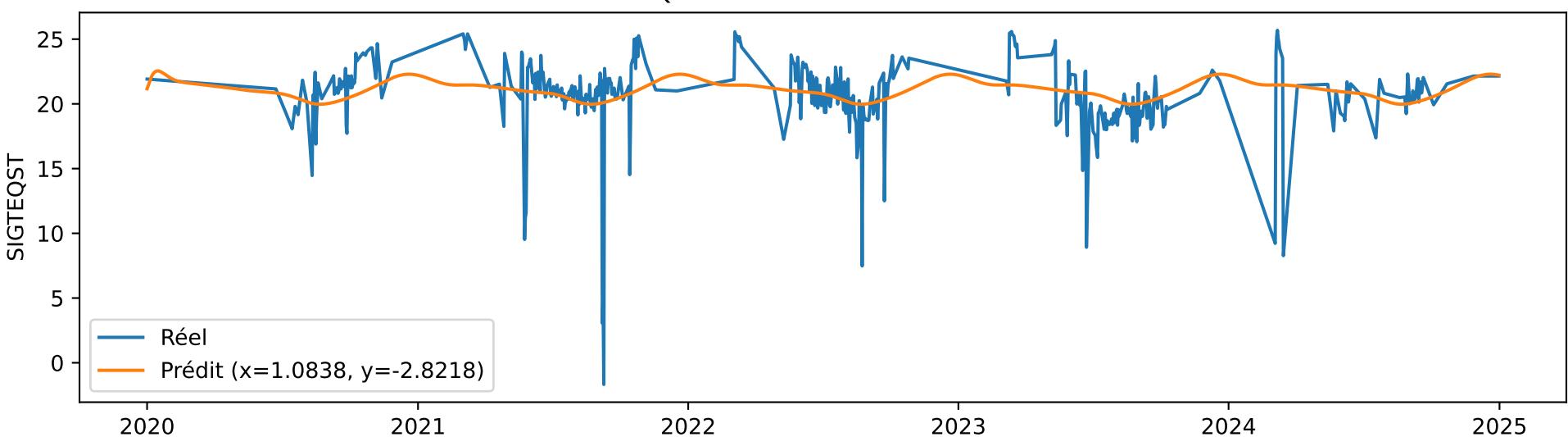


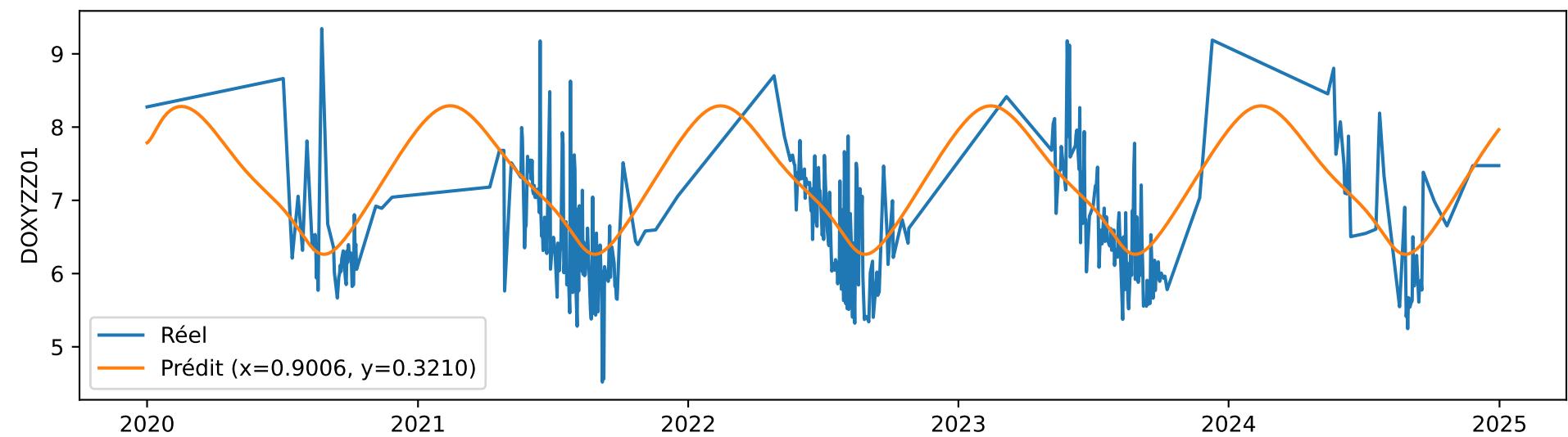
TURBPR01 — RMSE=0.945 R2=0.072



SIGTEQST — RMSE=2.454 R2=0.069



DOXYZZ01 — RMSE=0.670 R2=0.492



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=0.9447, R2=0.0720 ($x=0.538548$, $y=0.527302$, $R2_{opt}=0.072023$)
- SIGTEQST: RMSE=2.4543, R2=0.0692 ($x=1.083817$, $y=-2.821793$, $R2_{opt}=0.069231$)
- DOXYZZ01: RMSE=0.6700, R2=0.4918 ($x=0.900577$, $y=0.320965$, $R2_{opt}=0.491817$)