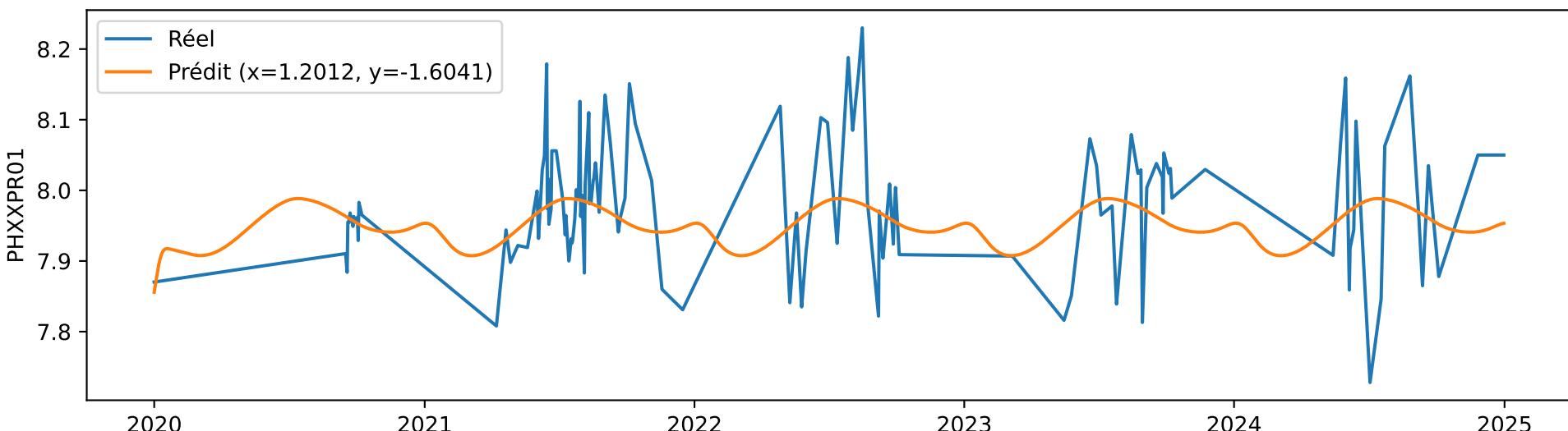
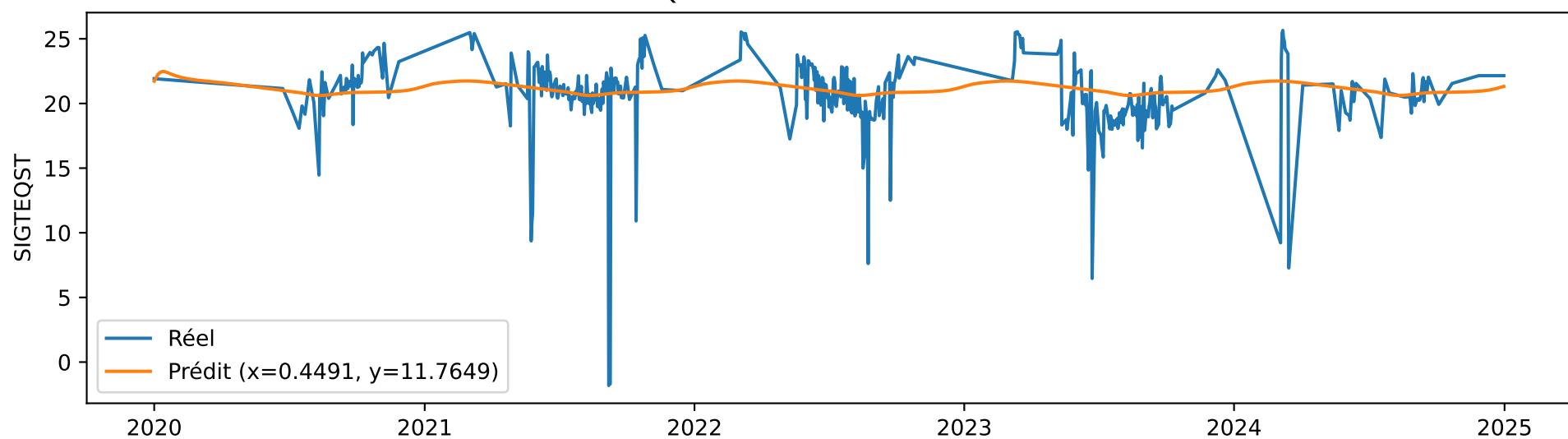


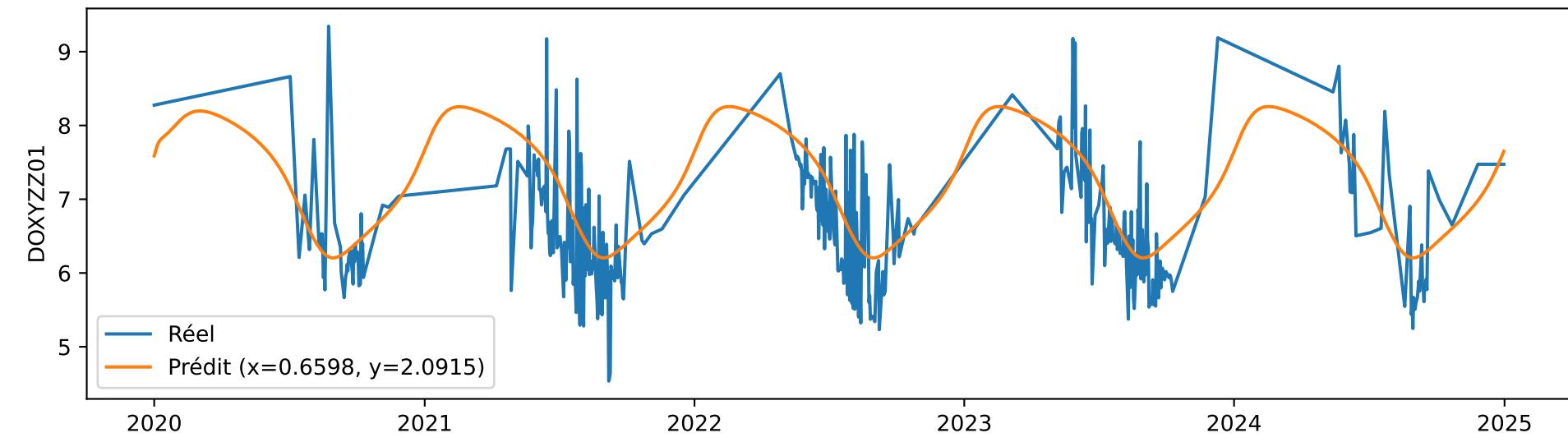
PHXXPR01 — RMSE=0.076 R2=0.098



SIGTEQST — RMSE=2.635 R2=0.021



DOXYZZ01 — RMSE=0.627 R2=0.559



## 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) :

- PHXXPR01: RMSE=0.0759, R2=0.0980 ( $x=1.201235$ ,  $y=-1.604073$ ,  $R2_{opt}=0.098024$ )
- SIGTEQST: RMSE=2.6352, R2=0.0214 ( $x=0.449050$ ,  $y=11.764881$ ,  $R2_{opt}=0.021446$ )
- DOXYZZ01: RMSE=0.6273, R2=0.5587 ( $x=0.659844$ ,  $y=2.091462$ ,  $R2_{opt}=0.558659$ )