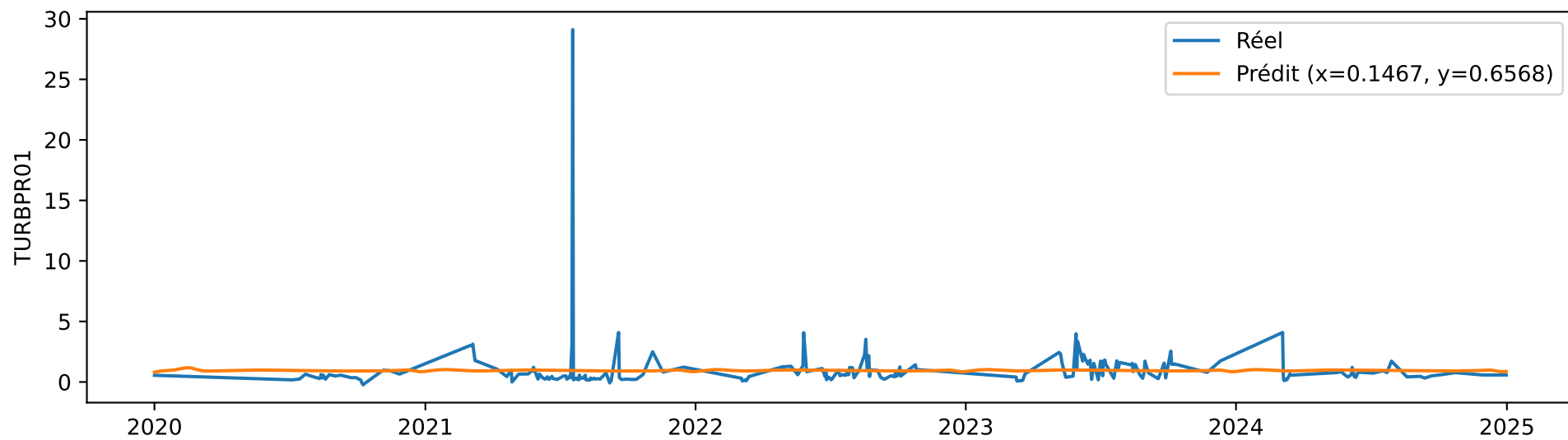
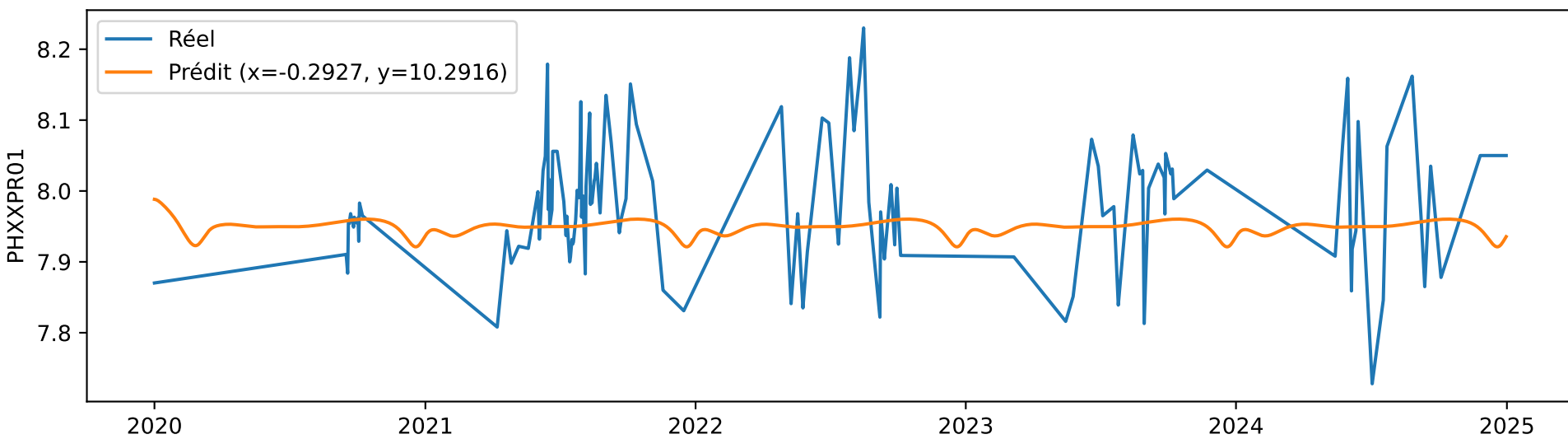


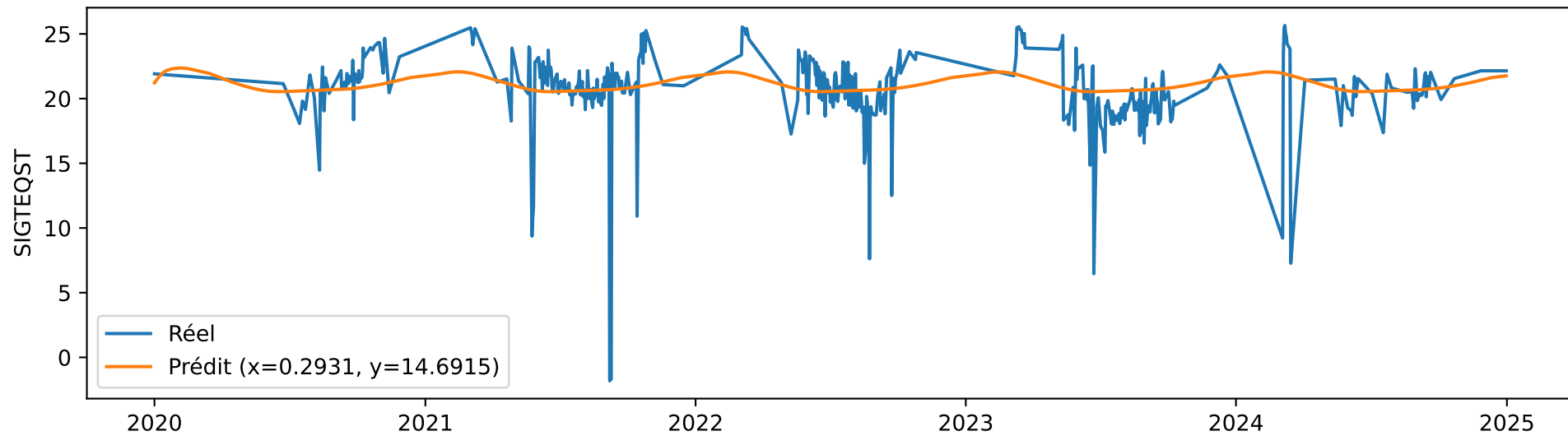
TURBPR01 — RMSE=0.990 R2=0.002



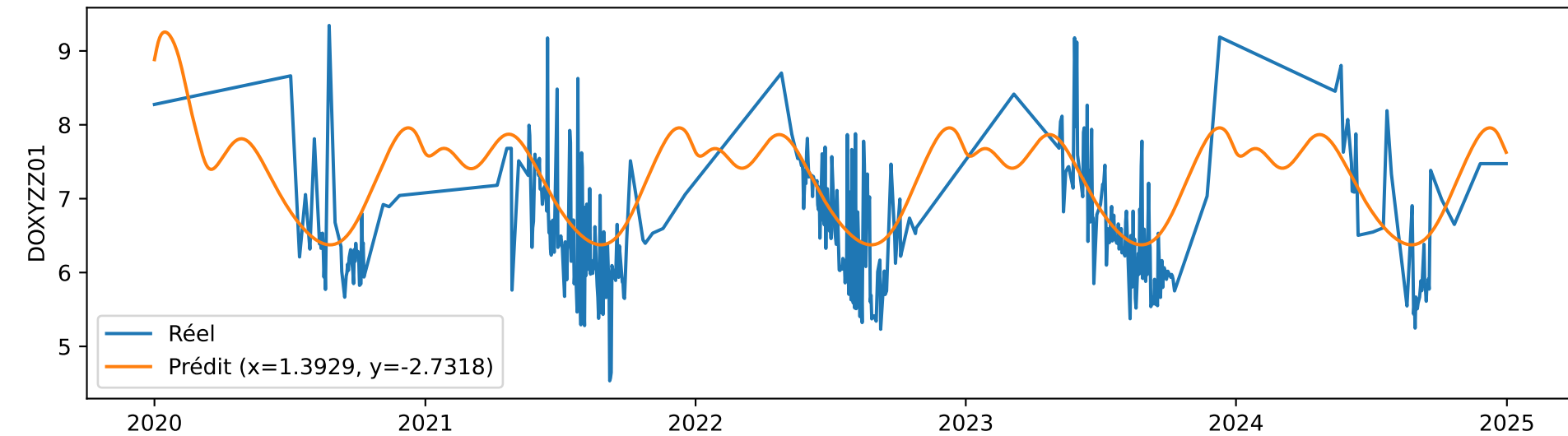
PHXXPR01 — RMSE=0.079 R2=0.014



SIGTEQST — RMSE=2.608 R2=0.041



DOXYZZ01 — RMSE=0.742 R2=0.383



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=0.9896, R2=0.0019 (x=0.146658, y=0.656763, R2_opt=0.001940)
 - PHXXPR01: RMSE=0.0794, R2=0.0144 (x=-0.292691, y=10.291608, R2_opt=0.014386)
 - SIGTEQST: RMSE=2.6081, R2=0.0415 (x=0.293094, y=14.691489, R2_opt=0.041450)
 - DOXYZZ01: RMSE=0.7416, R2=0.3831 (x=1.392922, y=-2.731787, R2_opt=0.383135)