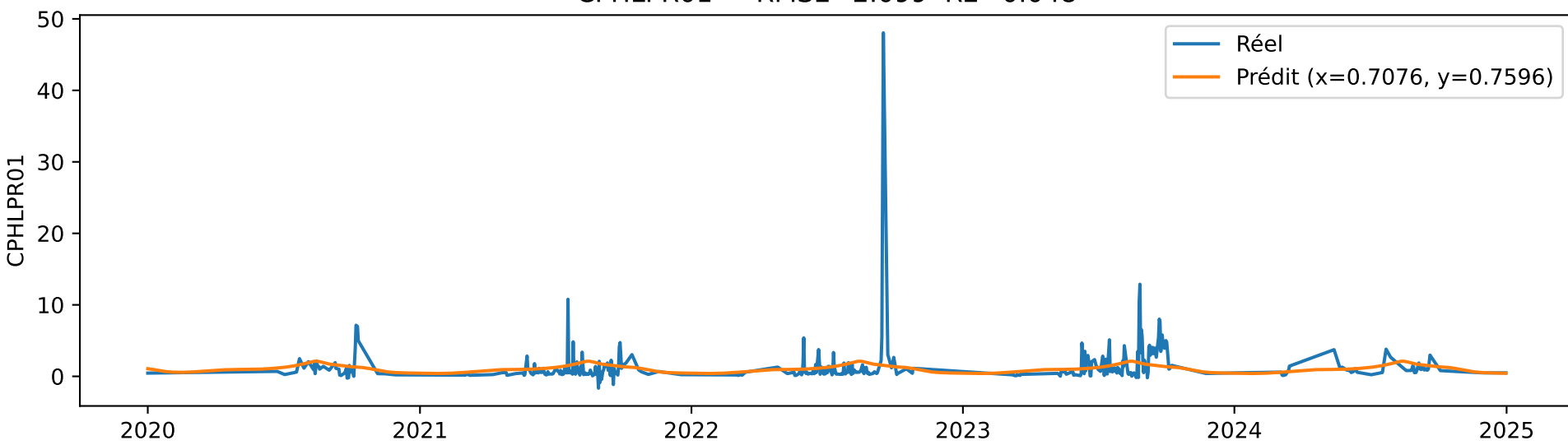
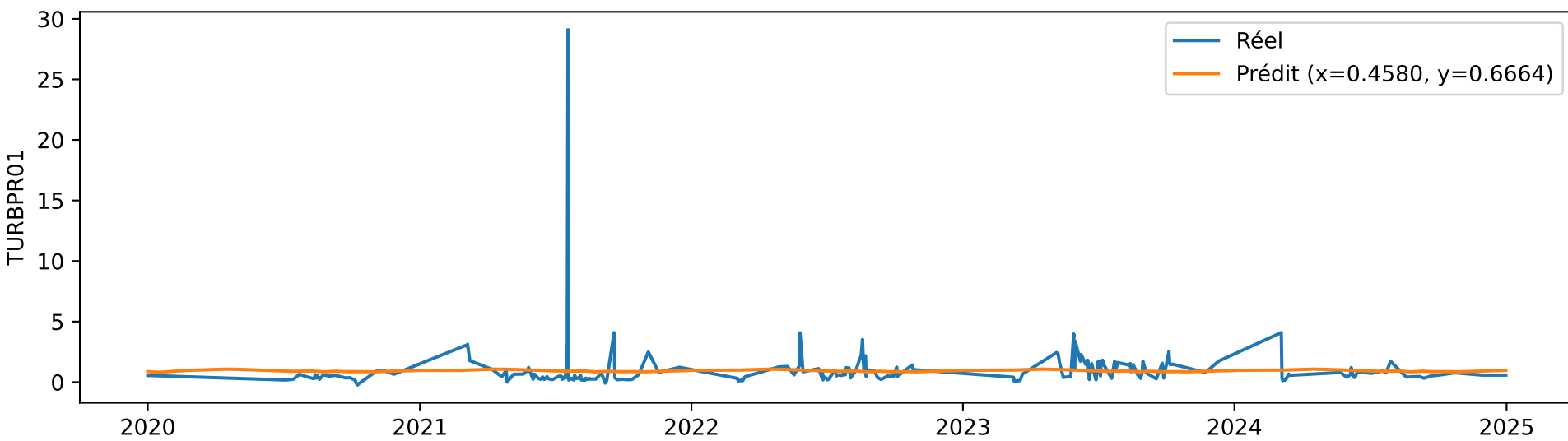


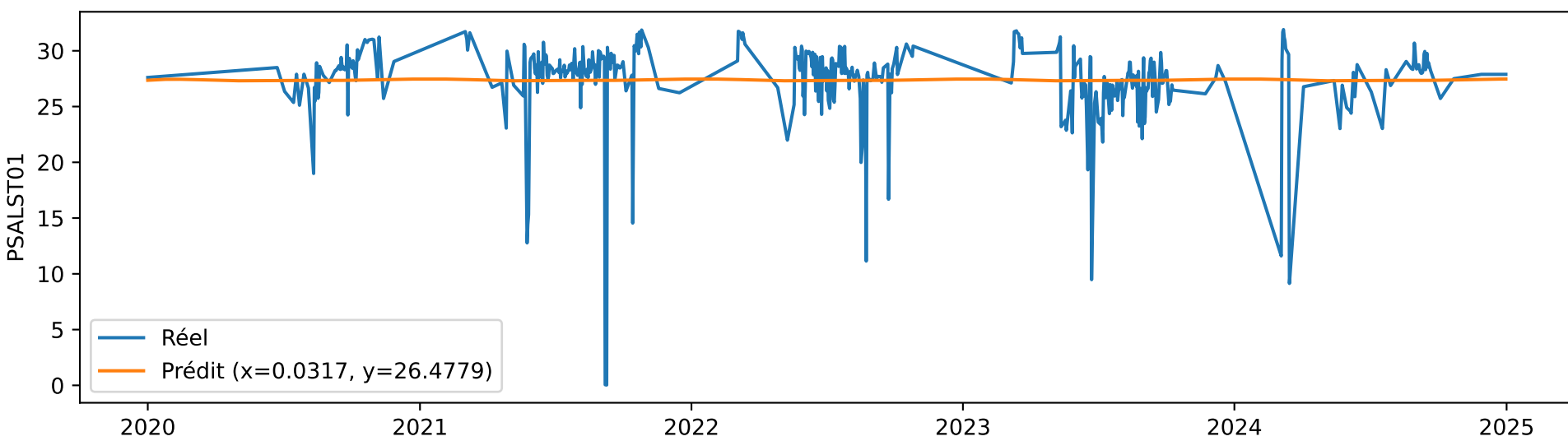
CPHLPR01 — RMSE=2.099 R2=0.048



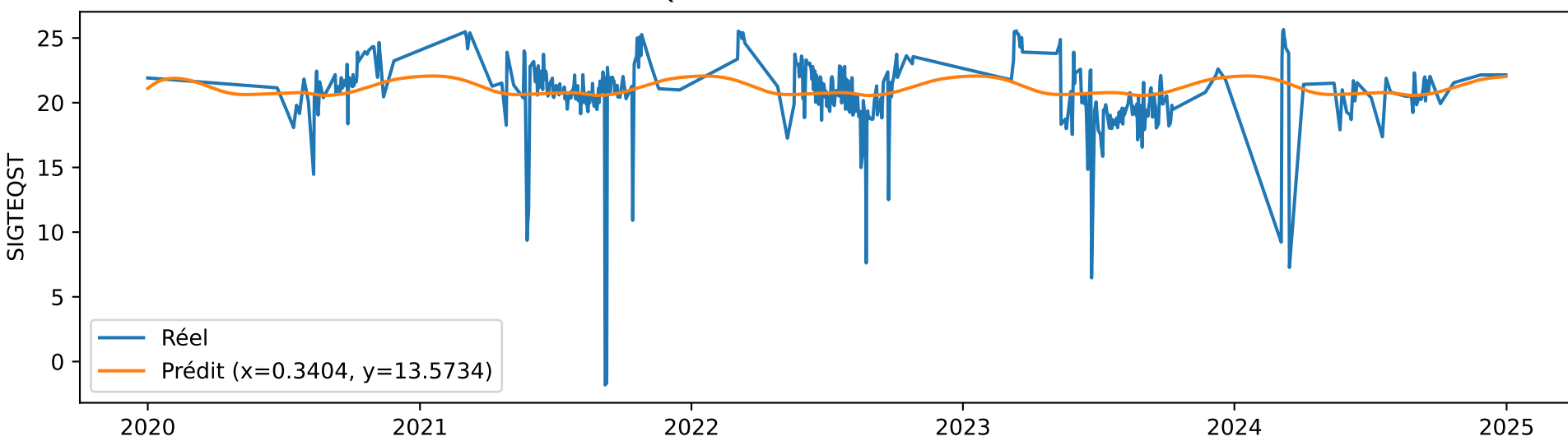
TURBPR01 — RMSE=0.988 R2=0.005



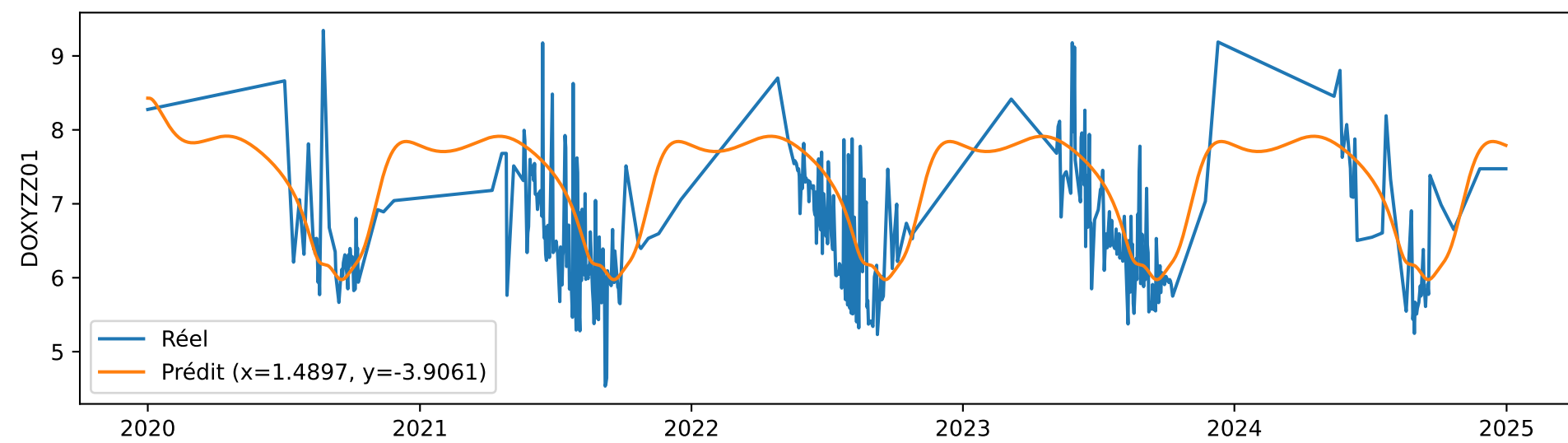
PSALST01 — RMSE=3.215 R2=0.000



SIGTEQST — RMSE=2.609 R2=0.041



DOXYZZ01 — RMSE=0.666 R2=0.502



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) :
- CPHLPR01: RMSE=2.0992, R2=0.0481 (x=0.707559, y=0.759606, R2_opt=0.048069)
 - TURBPR01: RMSE=0.9882, R2=0.0046 (x=0.457959, y=0.666363, R2_opt=0.004585)
 - PSALST01: RMSE=3.2148, R2=0.0003 (x=0.031699, y=26.477905, R2_opt=0.000265)
 - SIGTEQST: RMSE=2.6090, R2=0.0408 (x=0.340388, y=13.573380, R2_opt=0.040826)
 - DOXYZZ01: RMSE=0.6662, R2=0.5021 (x=1.489657, y=-3.906072, R2_opt=0.502142)