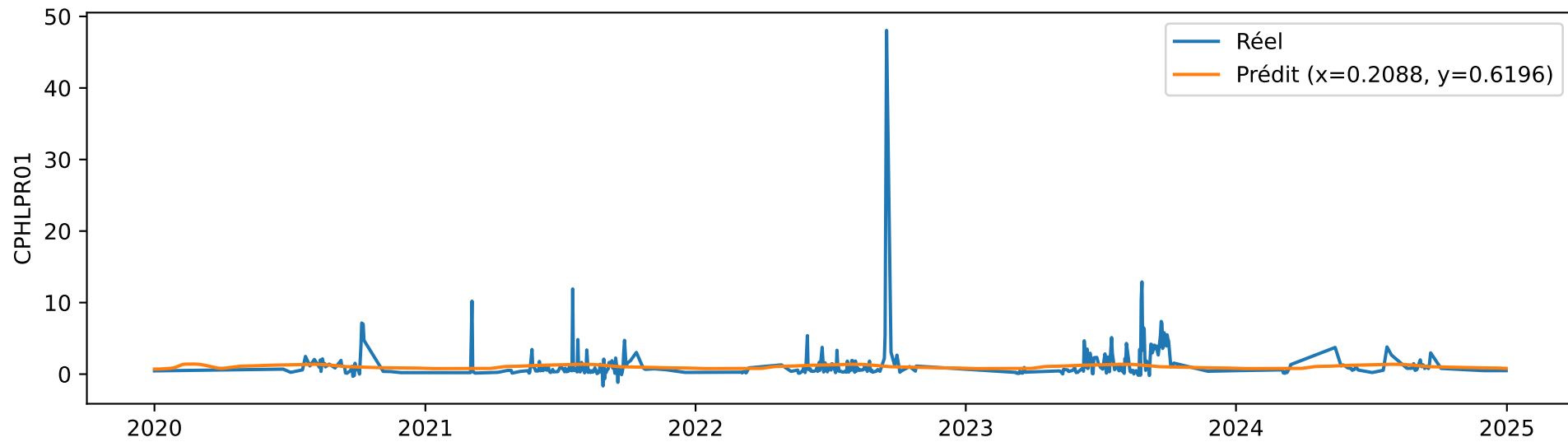
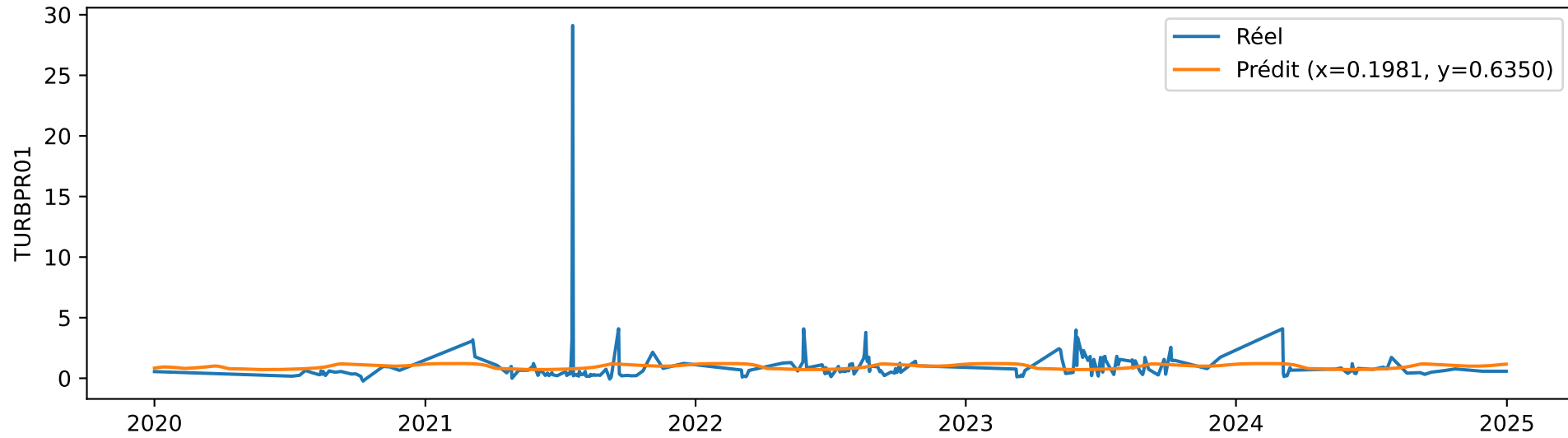


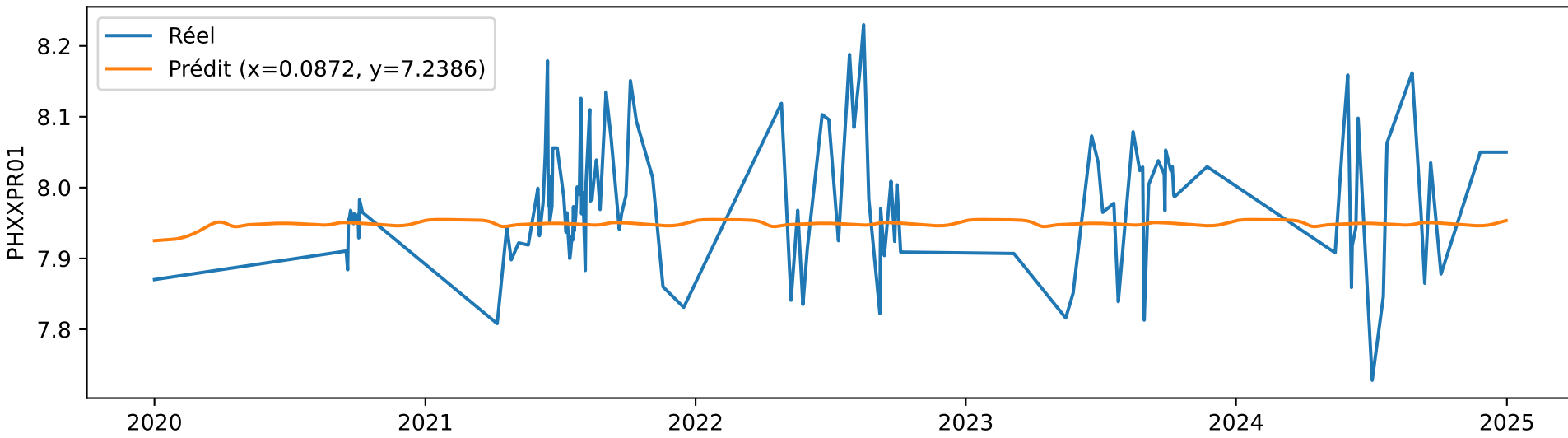
CPHLPR01 — RMSE=2.151 R2=0.009



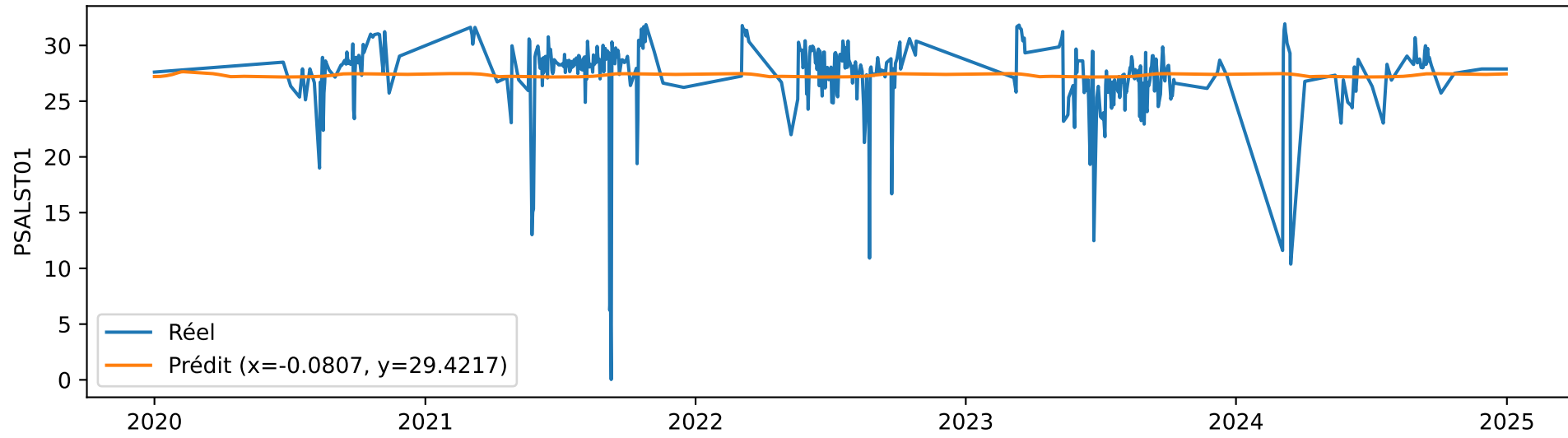
TURBPR01 — RMSE=0.965 R2=0.032



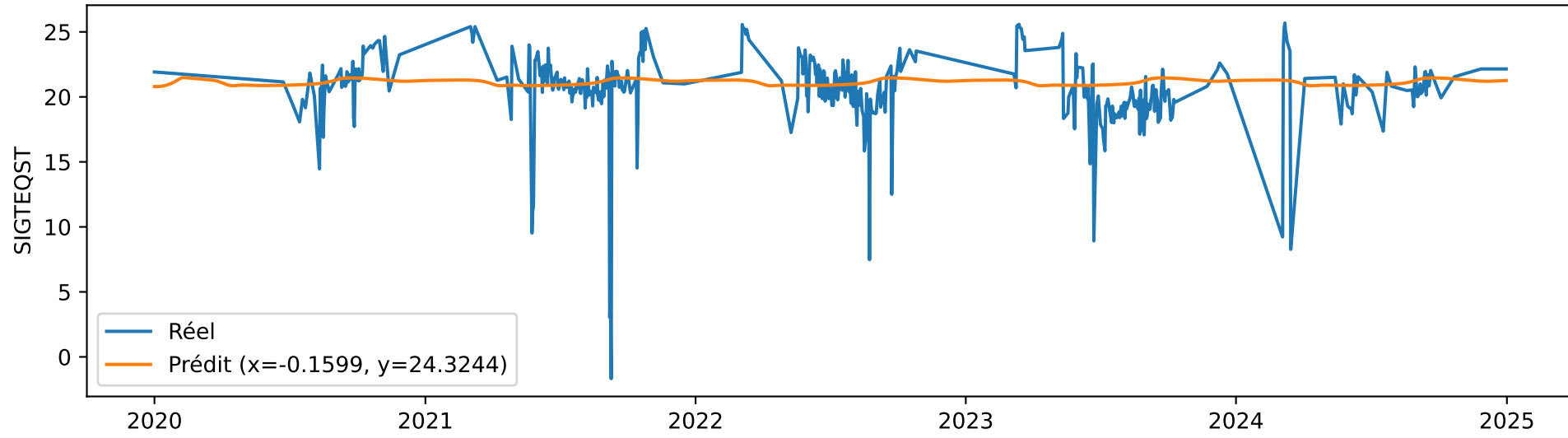
PHXXPR01 — RMSE=0.080 R2=0.003



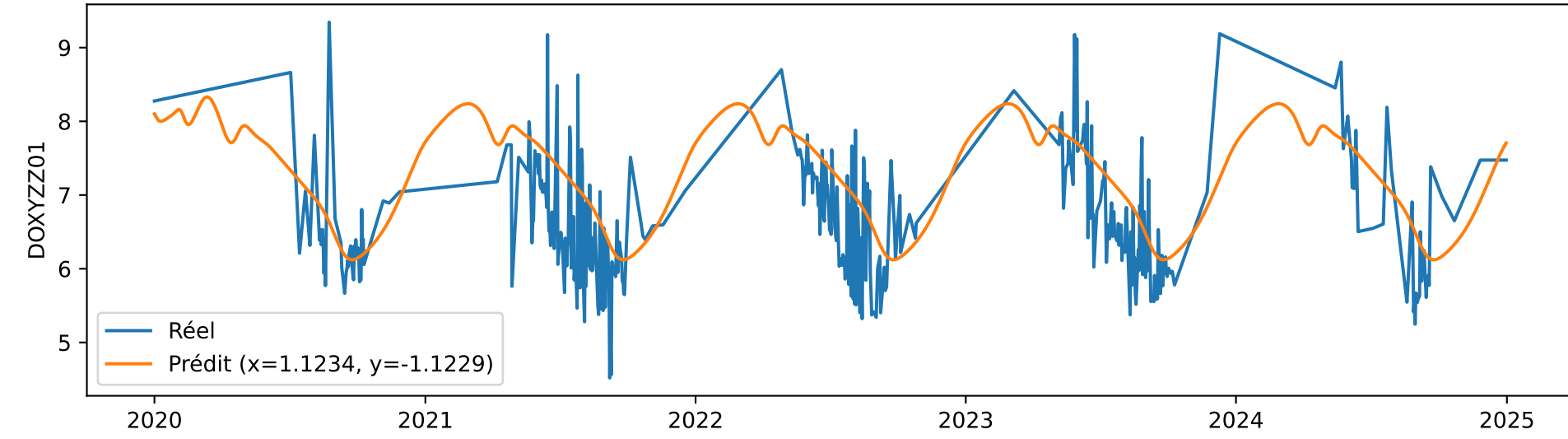
PSALST01 — RMSE=3.075 R2=0.002



SIGTEQST — RMSE=2.536 R2=0.007



DOXYZZ01 — RMSE=0.657 R2=0.511



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=2.1512, R2=0.0093 (x=0.208829, y=0.619637, R2_opt=0.009348)
 - TURBPR01: RMSE=0.9646, R2=0.0325 (x=0.198124, y=0.635023, R2_opt=0.032460)
 - PHXXPR01: RMSE=0.0797, R2=0.0034 (x=0.087194, y=7.238574, R2_opt=0.003392)
 - PSALST01: RMSE=3.0745, R2=0.0017 (x=-0.080658, y=29.421666, R2_opt=0.001677)
 - SIGTEQST: RMSE=2.5356, R2=0.0065 (x=-0.159901, y=24.324428, R2_opt=0.006505)
 - DOXYZZ01: RMSE=0.6572, R2=0.5111 (x=1.123416, y=-1.122879, R2_opt=0.511122)