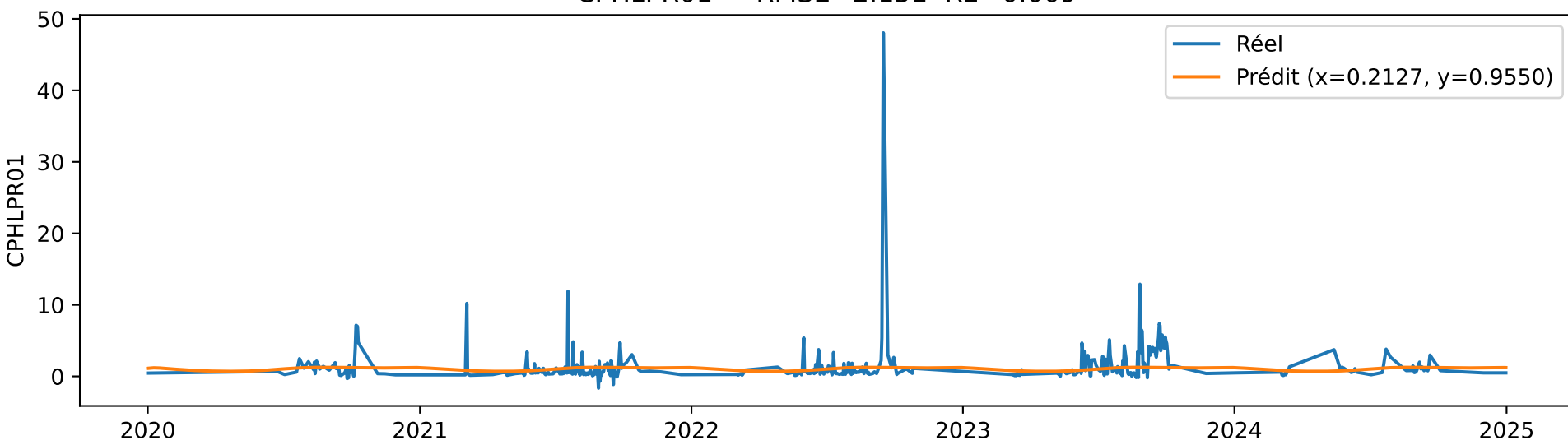
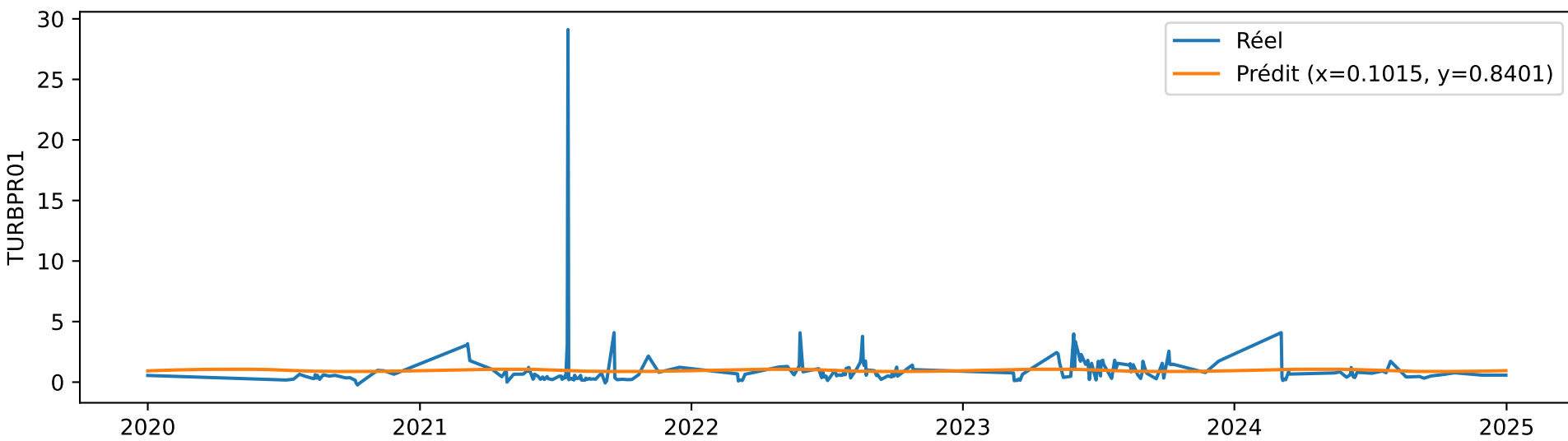


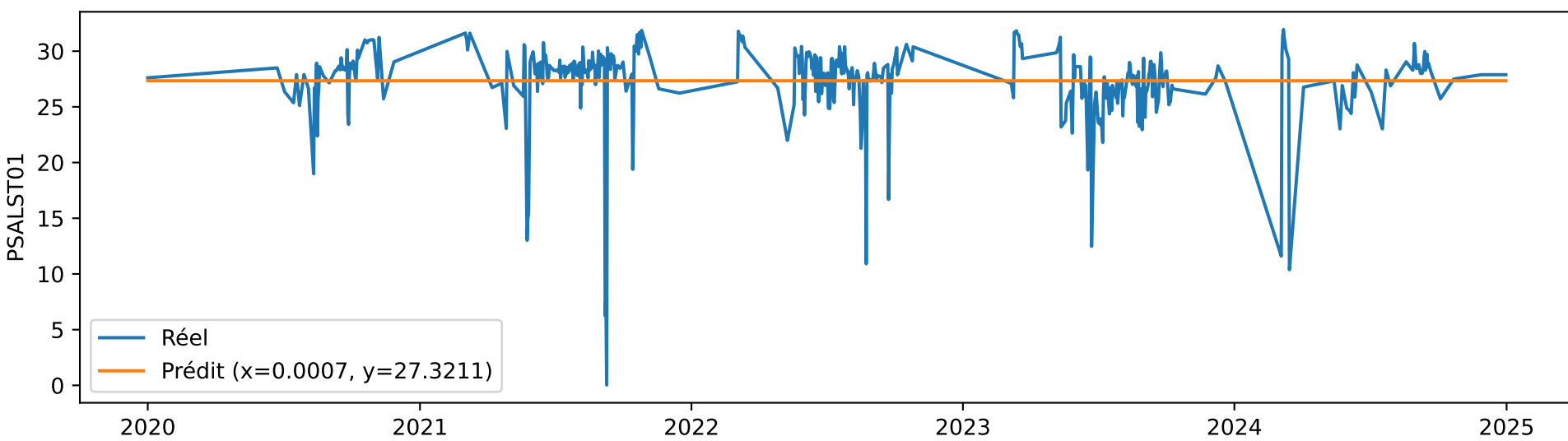
CPHLPR01 — RMSE=2.151 R2=0.009



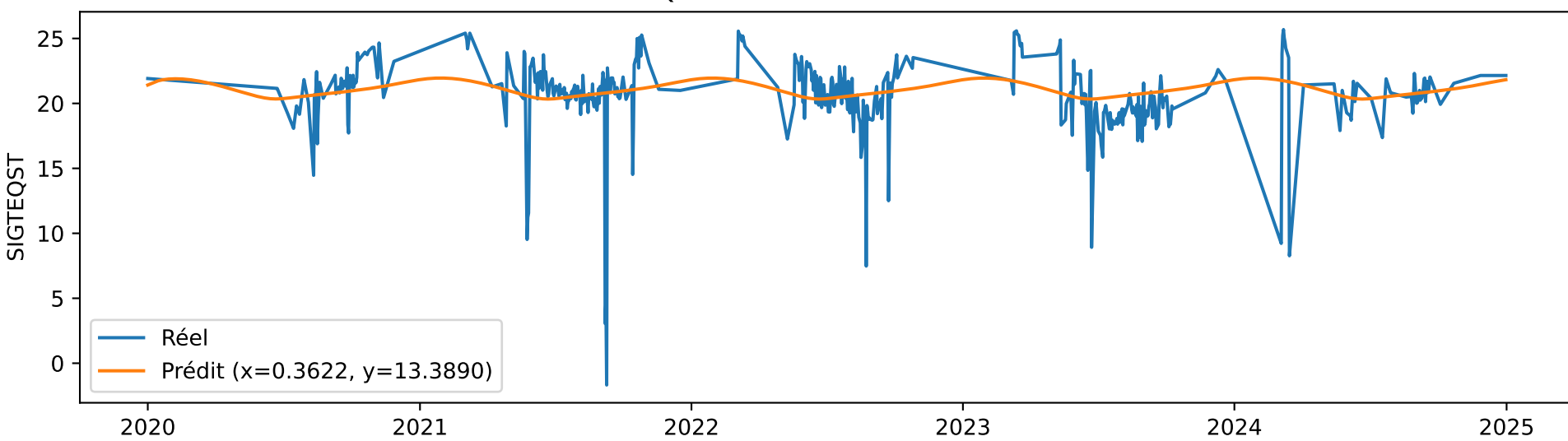
TURBPR01 — RMSE=0.978 R2=0.005



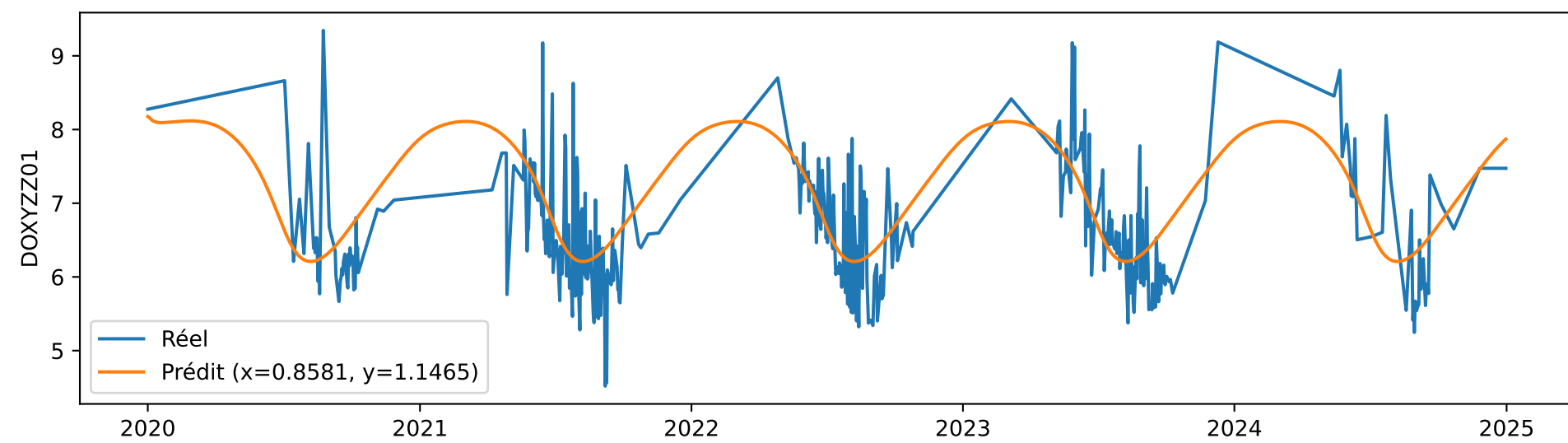
PSALST01 — RMSE=3.077 R2=0.000



SIGTEQST — RMSE=2.489 R2=0.043



DOXYZZ01 — RMSE=0.657 R2=0.512



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=2.1514, R2=0.0092 (x=0.212676, y=0.955012, R2_opt=0.009160)
 - TURBPR01: RMSE=0.9780, R2=0.0054 (x=0.101502, y=0.840057, R2_opt=0.005359)
 - PSALST01: RMSE=3.0771, R2=0.0000 (x=0.000661, y=27.321141, R2_opt=0.000000)
 - SIGTEQST: RMSE=2.4891, R2=0.0426 (x=0.362198, y=13.388980, R2_opt=0.042595)
 - DOXYZZ01: RMSE=0.6567, R2=0.5118 (x=0.858079, y=1.146510, R2_opt=0.511812)