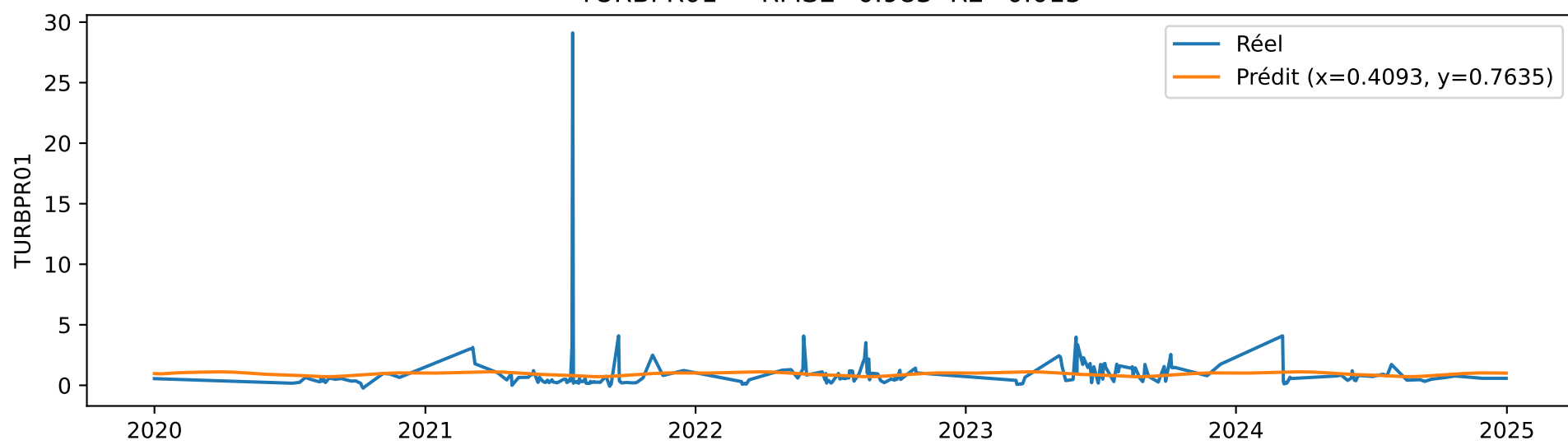
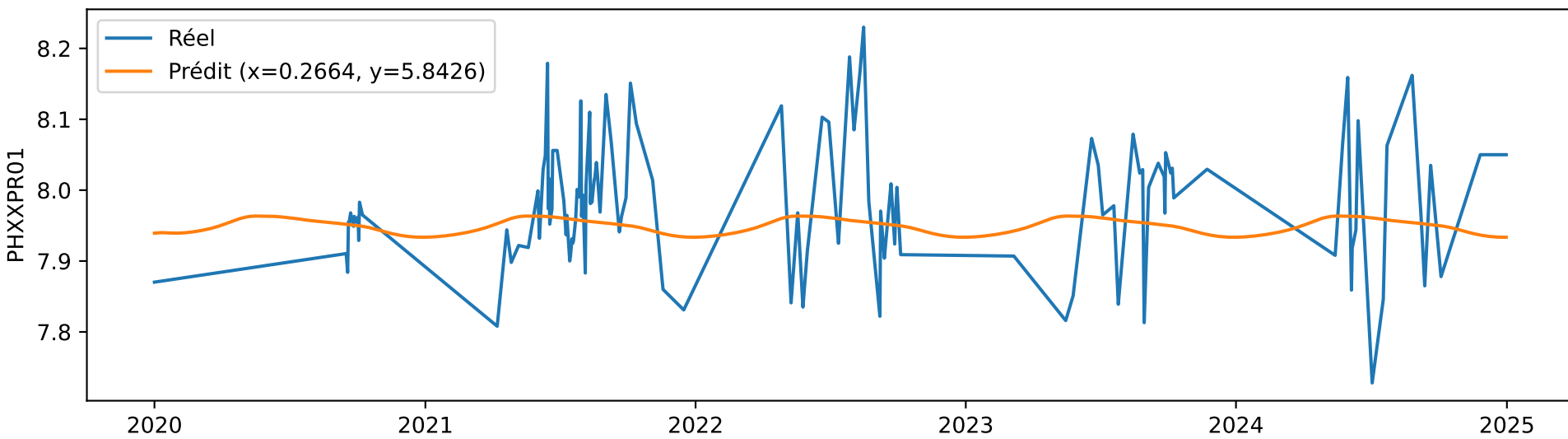


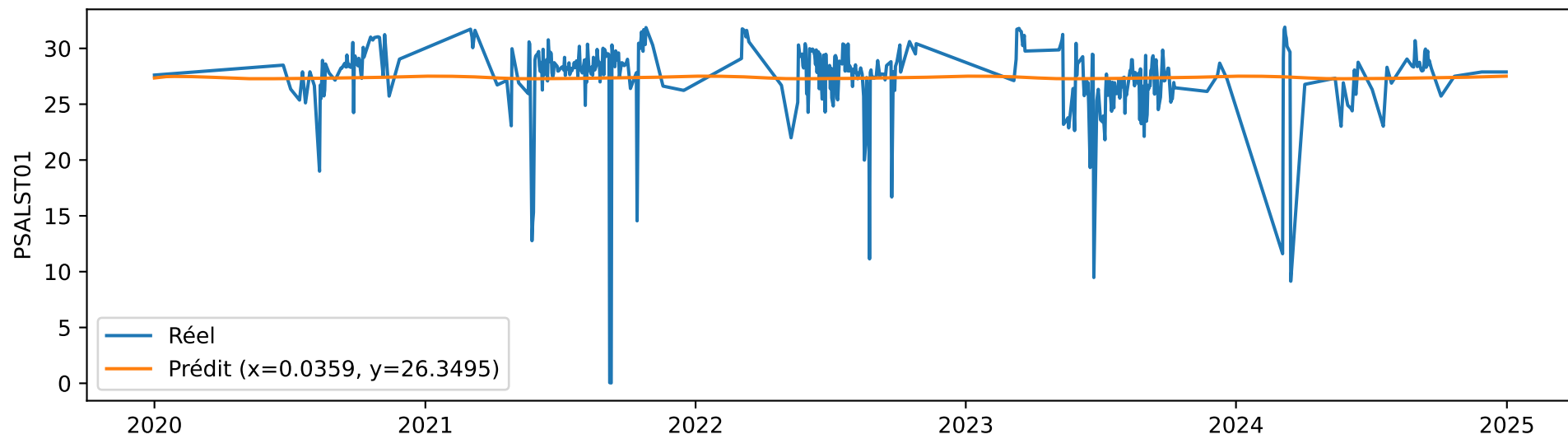
TURBPR01 — RMSE=0.983 R2=0.015



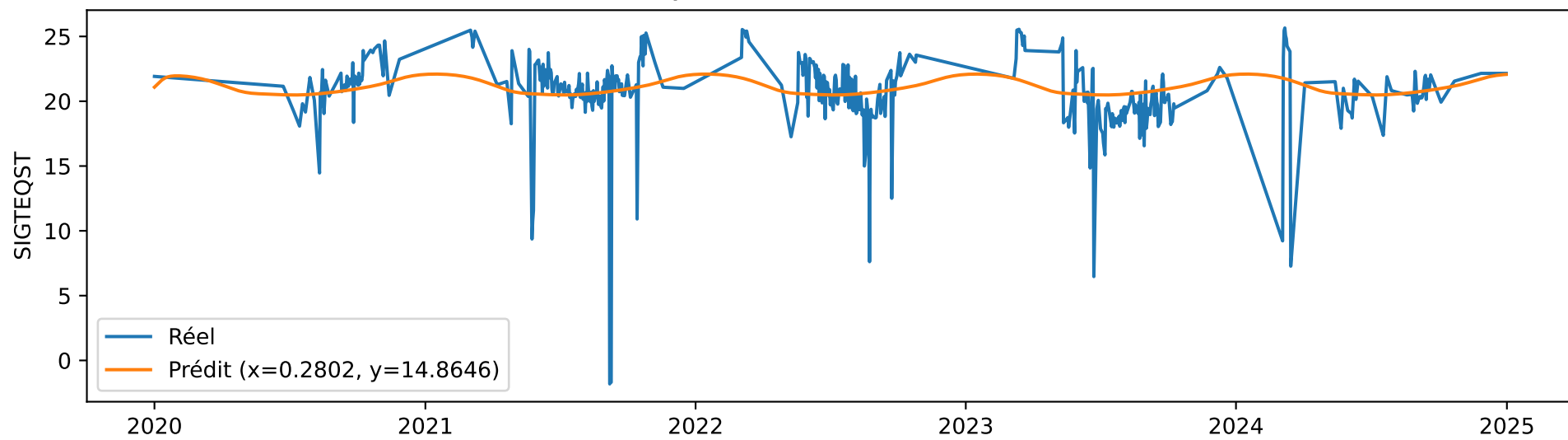
PHXXPR01 — RMSE=0.079 R2=0.016



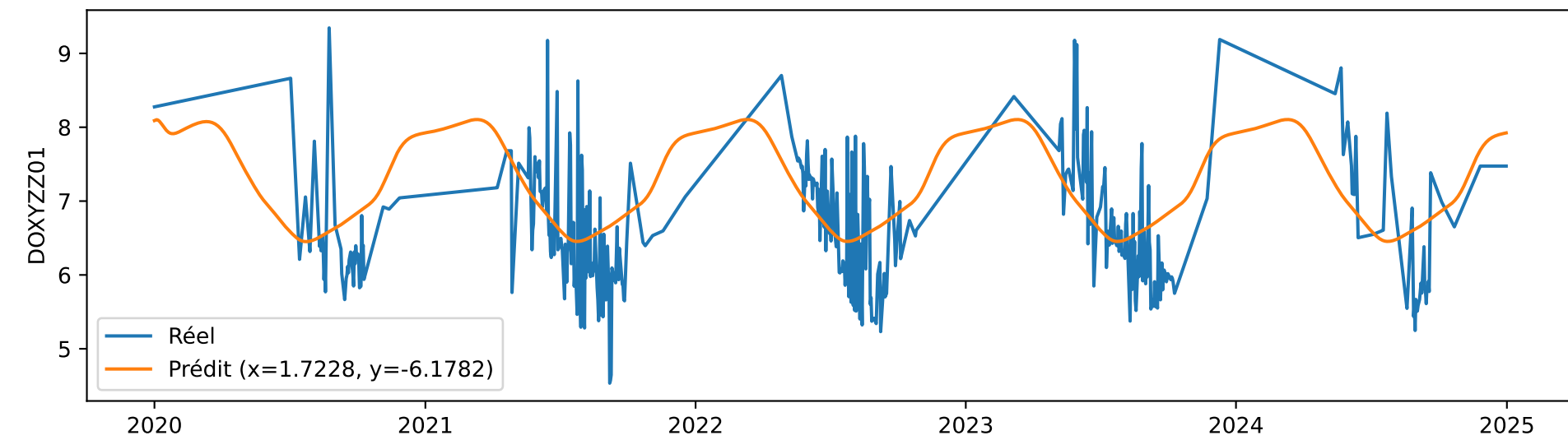
PSALST01 — RMSE=3.214 R2=0.001



SIGTEQST — RMSE=2.600 R2=0.048



DOXYZZ01 — RMSE=0.737 R2=0.390



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=0.9830, R2=0.0152 (x=0.409322, y=0.763480, R2_opt=0.015160)
 - PHXXPR01: RMSE=0.0793, R2=0.0161 (x=0.266415, y=5.842610, R2_opt=0.016101)
 - PSALST01: RMSE=3.2142, R2=0.0006 (x=0.035940, y=26.349541, R2_opt=0.000610)
 - SIGTEQST: RMSE=2.5998, R2=0.0475 (x=0.280204, y=14.864641, R2_opt=0.047543)
 - DOXYZZ01: RMSE=0.7373, R2=0.3903 (x=1.722795, y=-6.178241, R2_opt=0.390305)