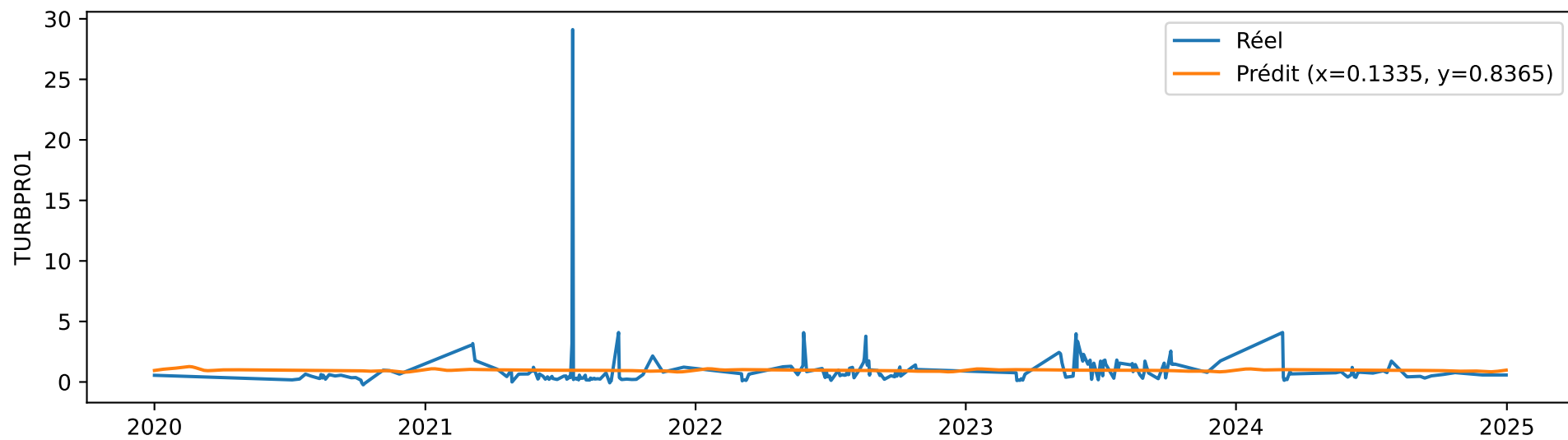
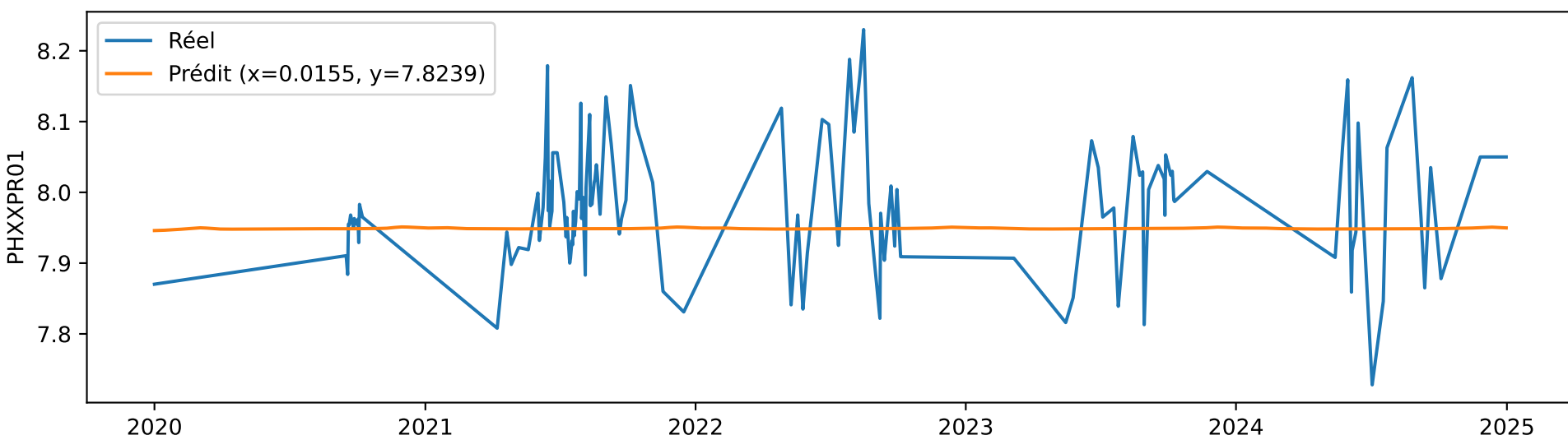


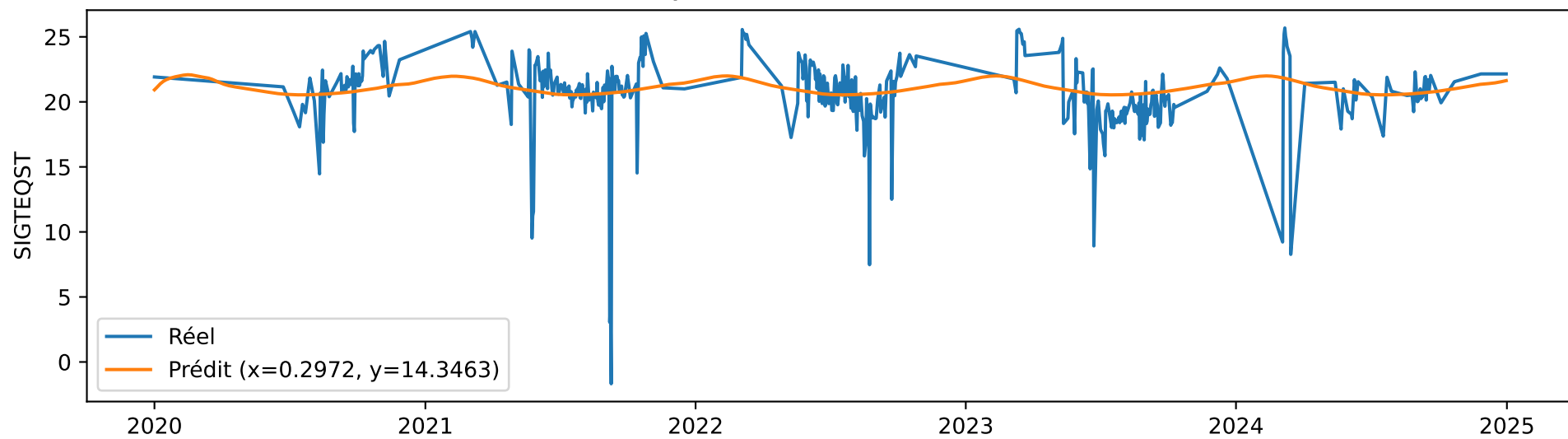
TURBPR01 — RMSE=0.979 R2=0.004



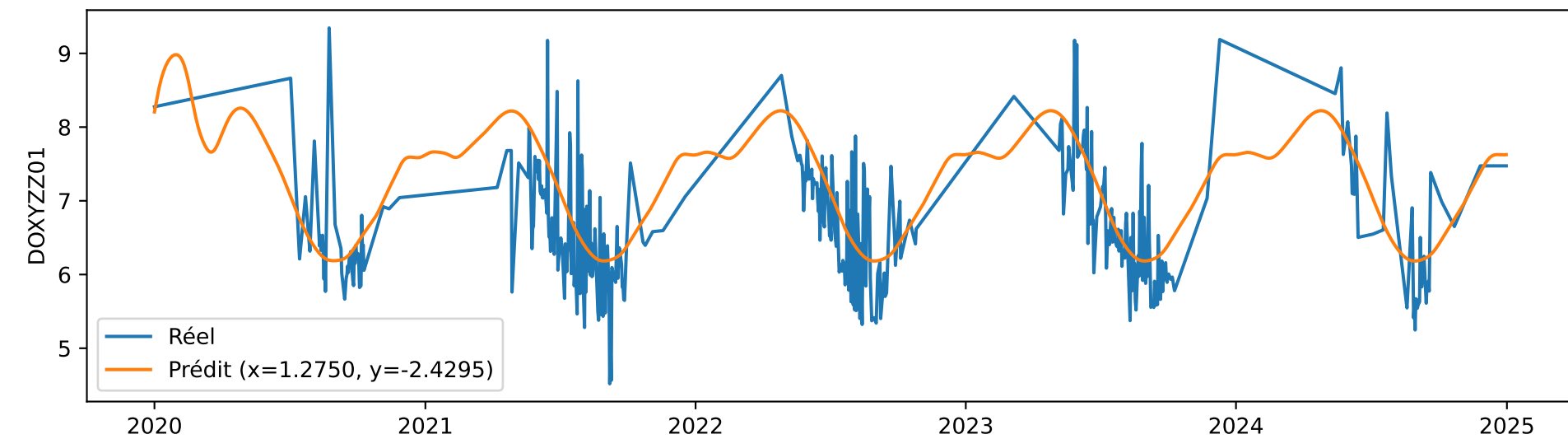
PHXXPR01 — RMSE=0.080 R2=0.000



SIGTEQST — RMSE=2.498 R2=0.036



DOXYZZ01 — RMSE=0.635 R2=0.543



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=0.9787, R2=0.0040 (x=0.133510, y=0.836518, R2_opt=0.003967)
 - PHXXPR01: RMSE=0.0799, R2=0.0001 (x=0.015508, y=7.823947, R2_opt=0.000096)
 - SIGTEQST: RMSE=2.4982, R2=0.0356 (x=0.297208, y=14.346253, R2_opt=0.035629)
 - DOXYZZ01: RMSE=0.6351, R2=0.5434 (x=1.275040, y=-2.429473, R2_opt=0.543413)