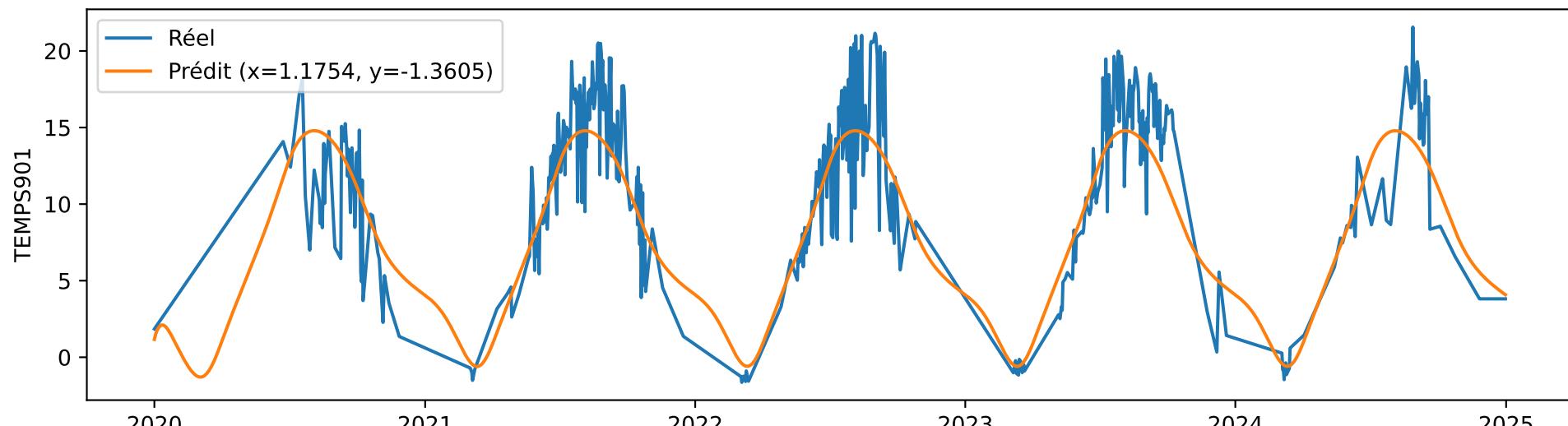
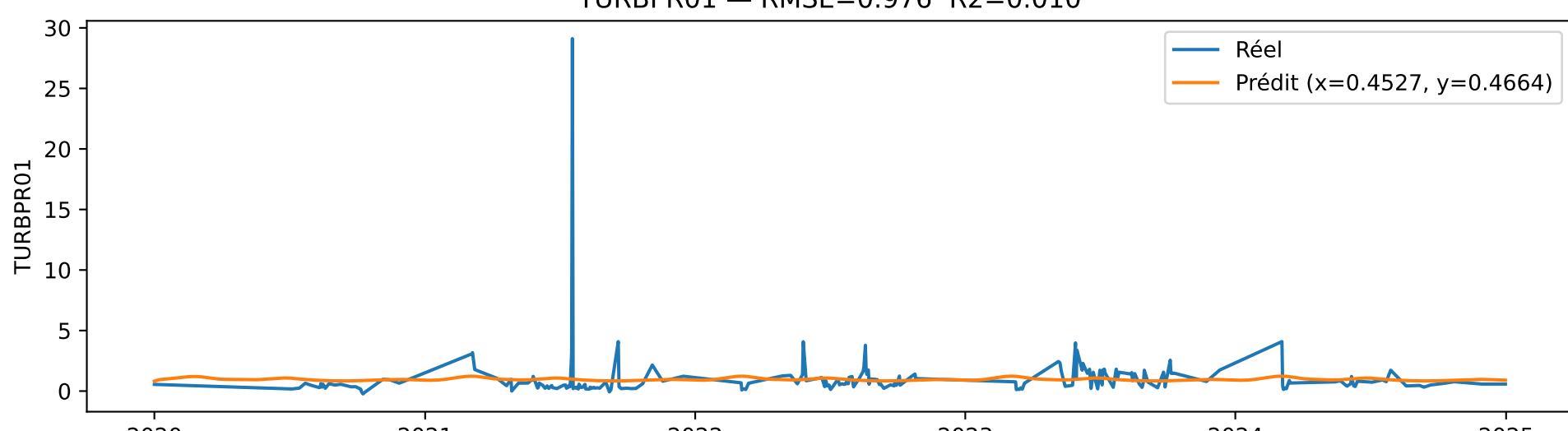


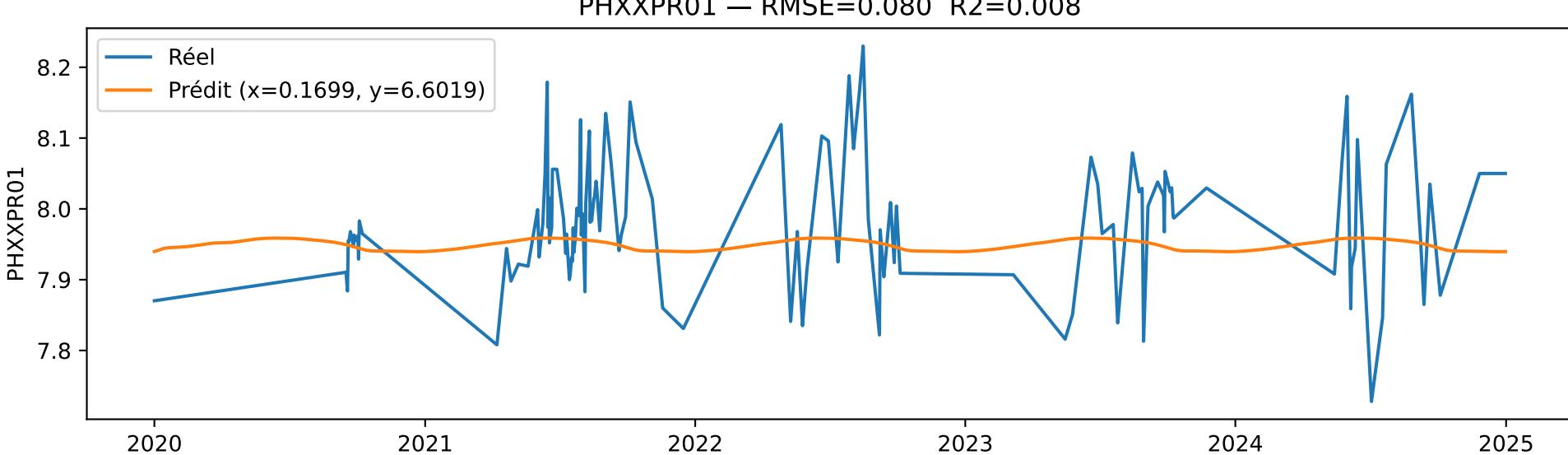
TEMPS901 — RMSE=2.871 R2=0.751



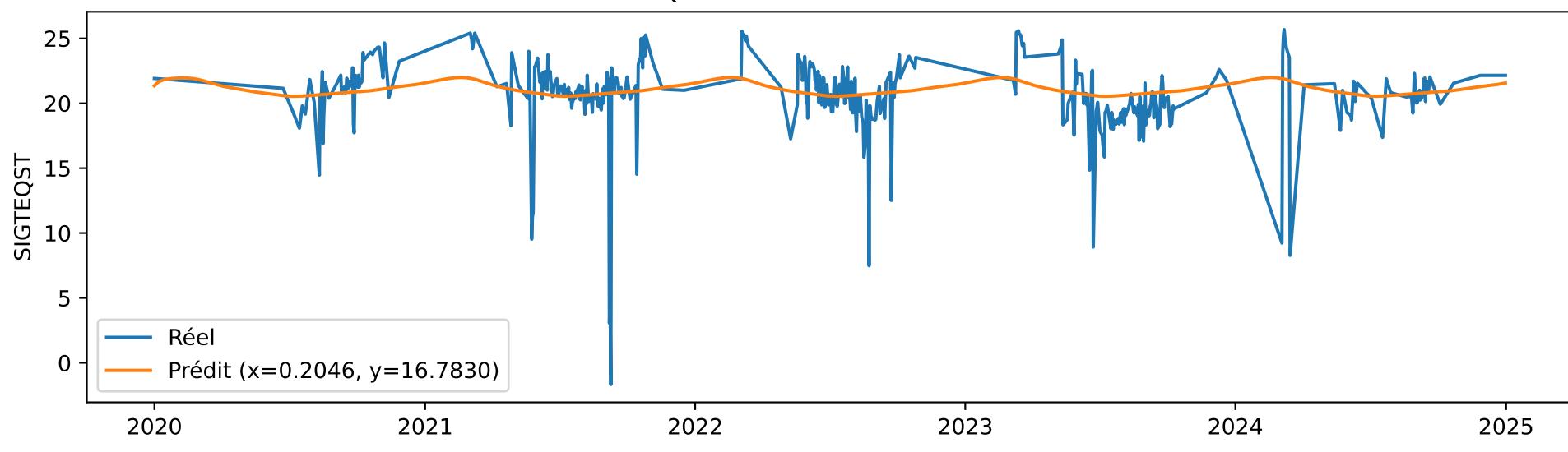
TURBPR01 — RMSE=0.976 R2=0.010



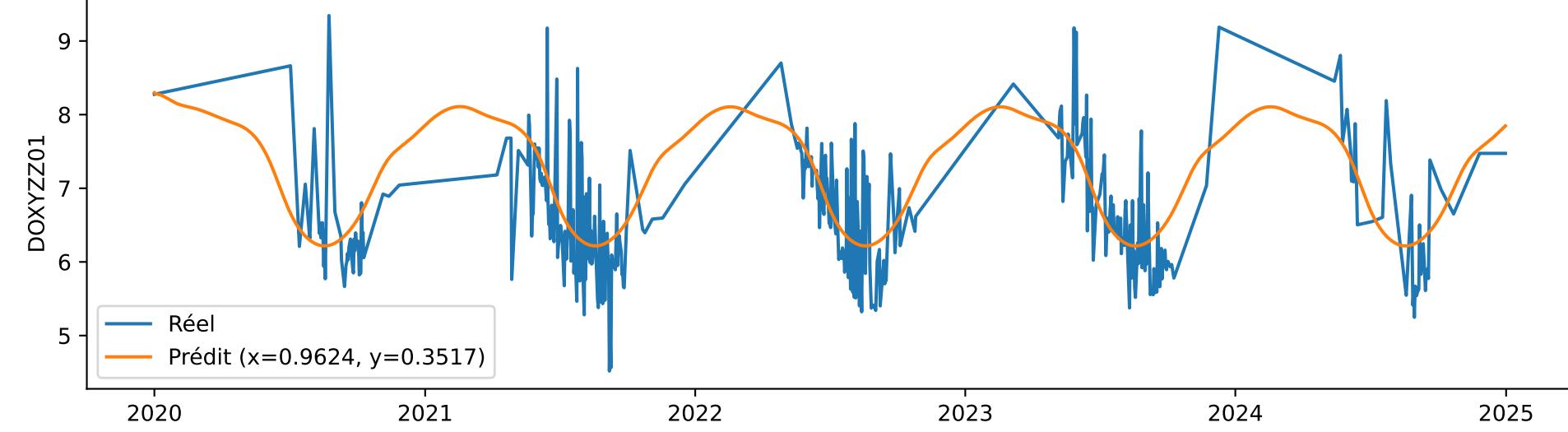
PHXXPR01 — RMSE=0.080 R2=0.008



SIGTEQST — RMSE=2.503 R2=0.032



DOXYZZ01 — RMSE=0.655 R2=0.515



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) :

- TEMPS901: RMSE=2.8708, R2=0.7510 ($x=1.175392$, $y=-1.360512$, $R2_{opt}=0.751009$)
- TURBPR01: RMSE=0.9756, R2=0.0102 ($x=0.452653$, $y=0.466375$, $R2_{opt}=0.010226$)
- PHXXPR01: RMSE=0.0796, R2=0.0078 ($x=0.169933$, $y=6.601893$, $R2_{opt}=0.007801$)
- SIGTEQST: RMSE=2.5034, R2=0.0316 ($x=0.204596$, $y=16.783047$, $R2_{opt}=0.031565$)
- DOXYZZ01: RMSE=0.6546, R2=0.5150 ($x=0.962444$, $y=0.351681$, $R2_{opt}=0.514984$)