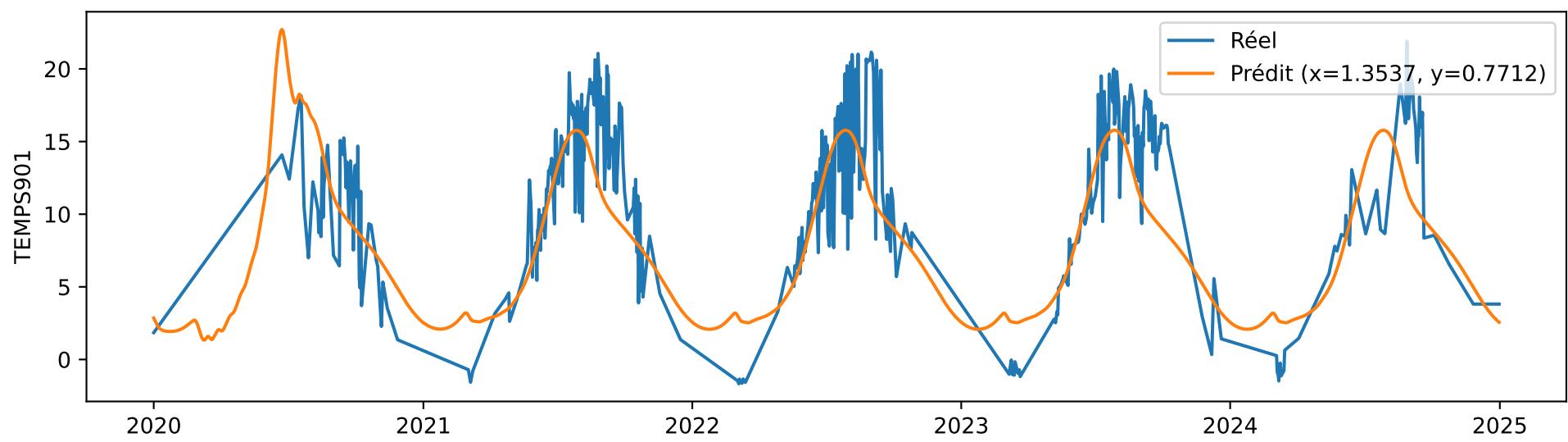
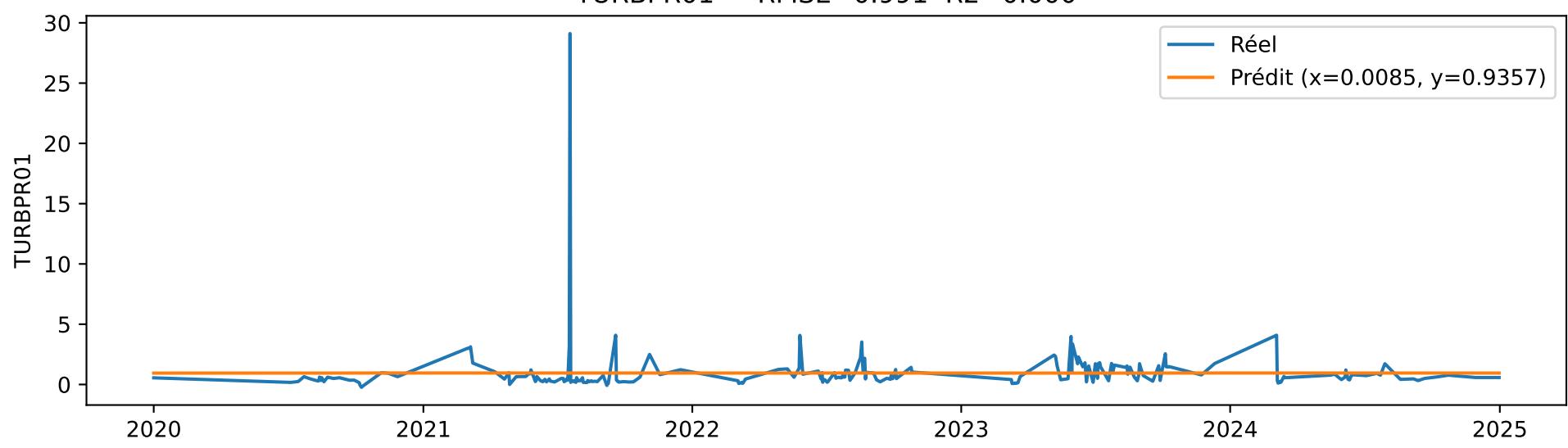


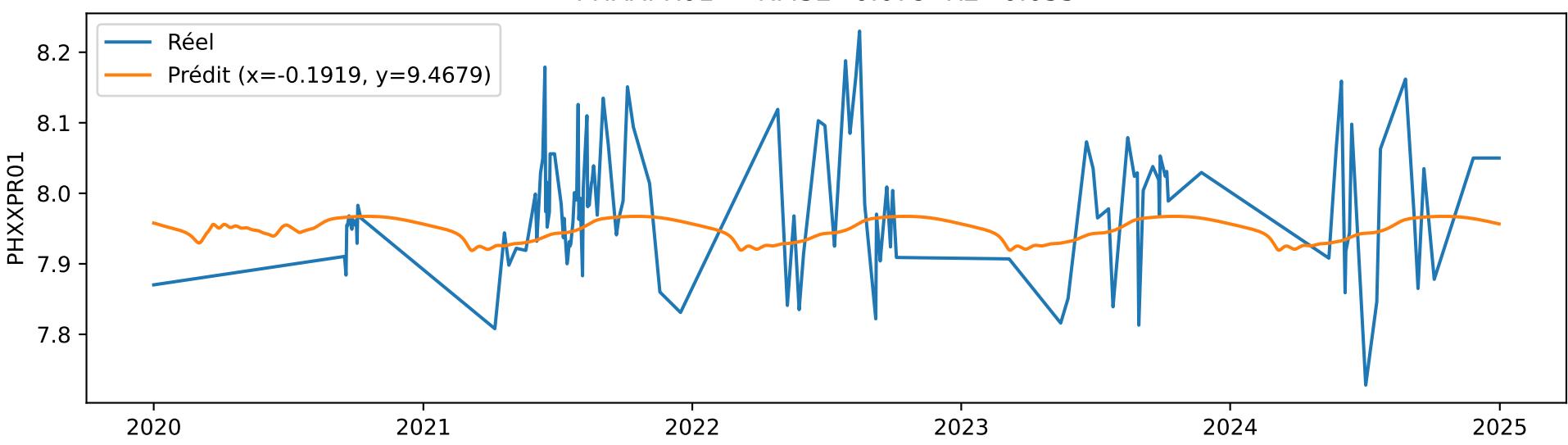
TEMPS901 — RMSE=3.263 R2=0.683



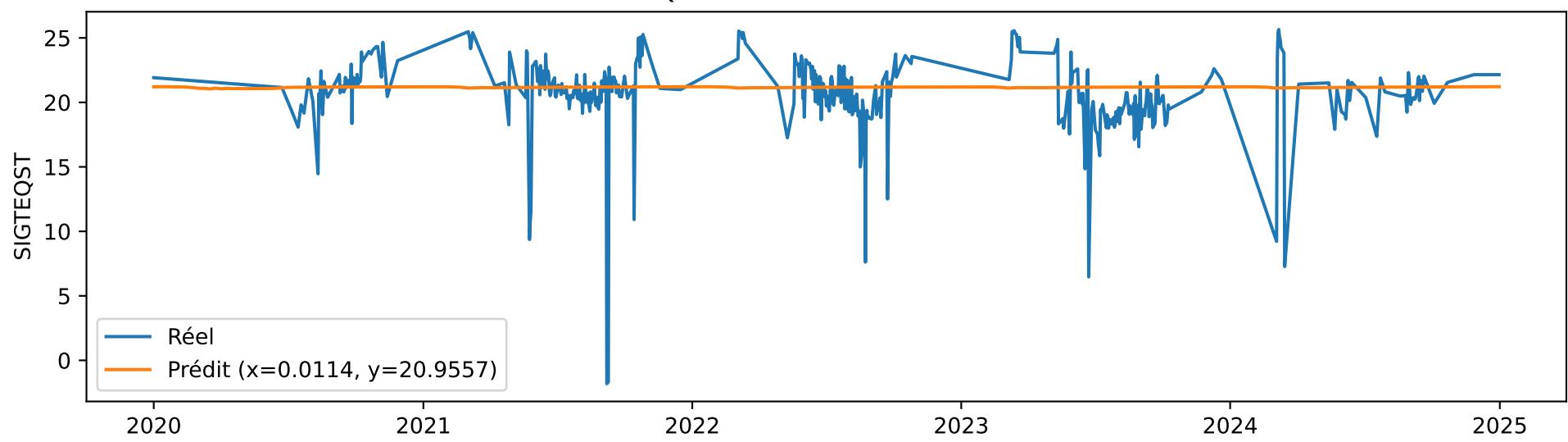
TURBPR01 — RMSE=0.991 R2=0.000



PHXXPR01 — RMSE=0.079 R2=0.035



SIGTEQST — RMSE=2.664 R2=0.000



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=3.2630, R2=0.6831 ($x=1.353699$, $y=0.771212$, $R2_{opt}=0.683105$)
- TURBPR01: RMSE=0.9905, R2=0.0000 ($x=0.008505$, $y=0.935724$, $R2_{opt}=0.000026$)
- PHXXPR01: RMSE=0.0786, R2=0.0347 ($x=-0.191864$, $y=9.467942$, $R2_{opt}=0.034663$)
- SIGTEQST: RMSE=2.6636, R2=0.0002 ($x=0.011388$, $y=20.955655$, $R2_{opt}=0.000196$)