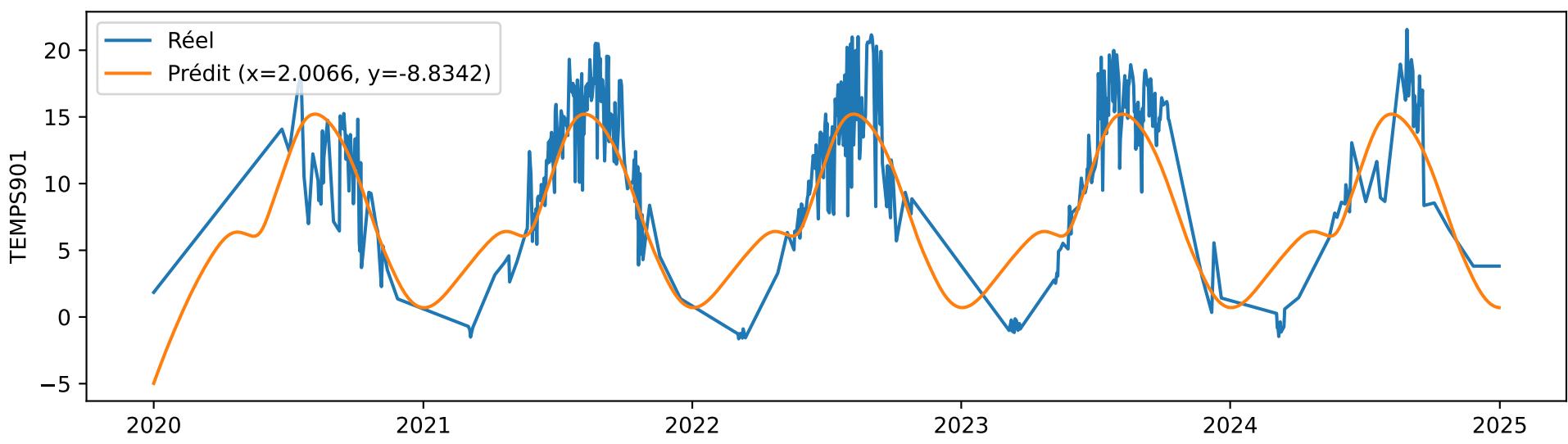
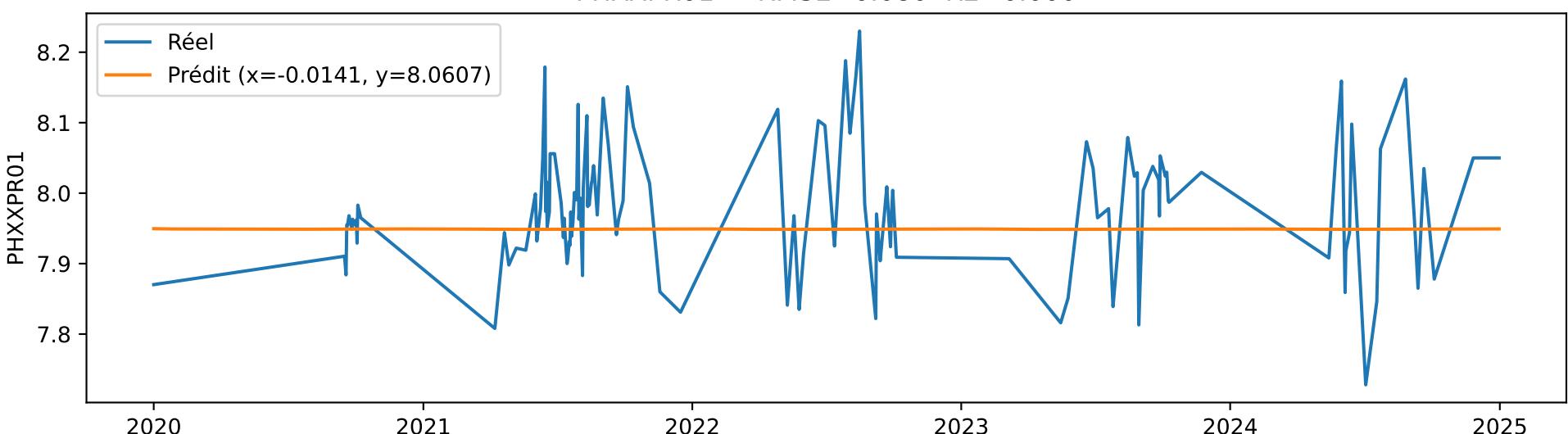


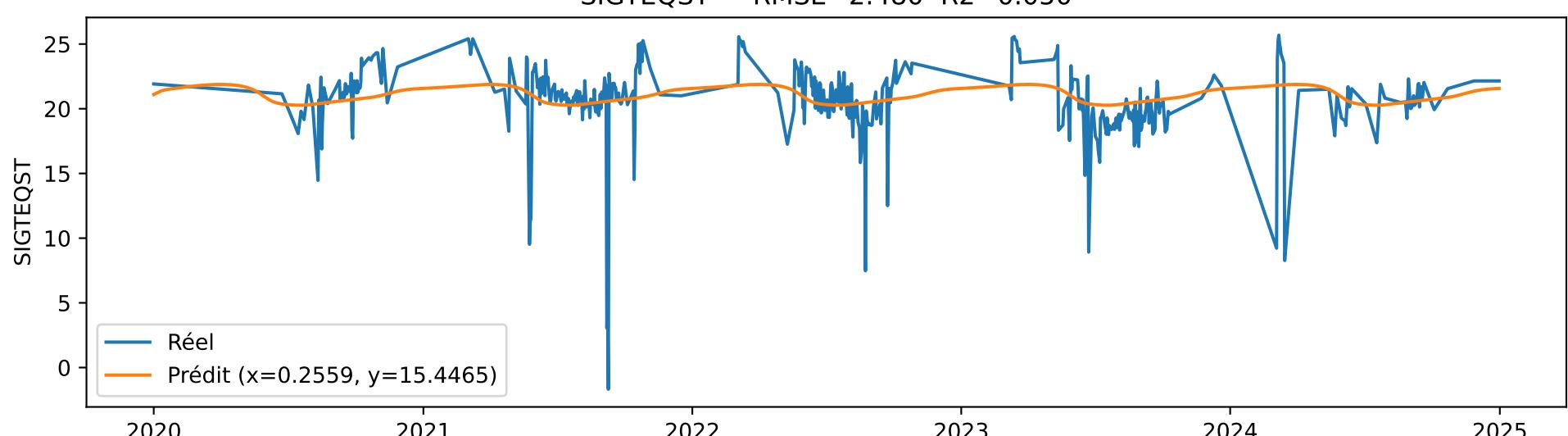
TEMPS901 — RMSE=3.162 R2=0.698



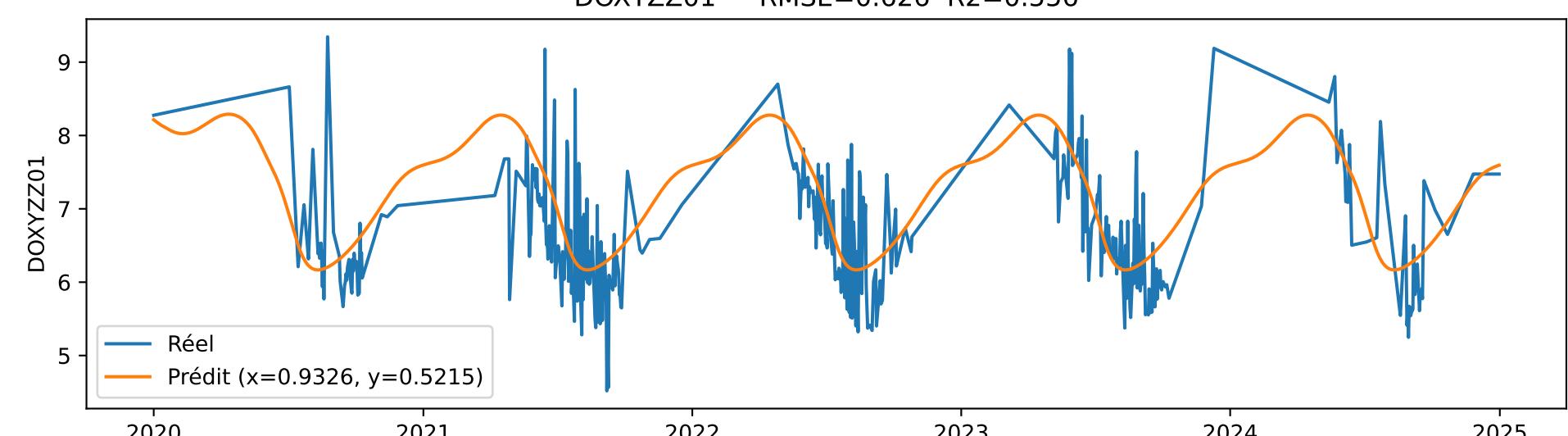
PHXXPR01 — RMSE=0.080 R2=0.000



SIGTEQST — RMSE=2.480 R2=0.050



DOXYZZ01 — RMSE=0.626 R2=0.556



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=3.1619, R2=0.6979 ($x=2.006615$, $y=-8.834201$, $R2_{opt}=0.697941$)
- PHXXPR01: RMSE=0.0799, R2=0.0000 ($x=-0.014117$, $y=8.060741$, $R2_{opt}=0.000009$)
- SIGTEQST: RMSE=2.4798, R2=0.0497 ($x=0.255912$, $y=15.446538$, $R2_{opt}=0.049724$)
- DOXYZZ01: RMSE=0.6261, R2=0.5562 ($x=0.932589$, $y=0.521526$, $R2_{opt}=0.556217$)