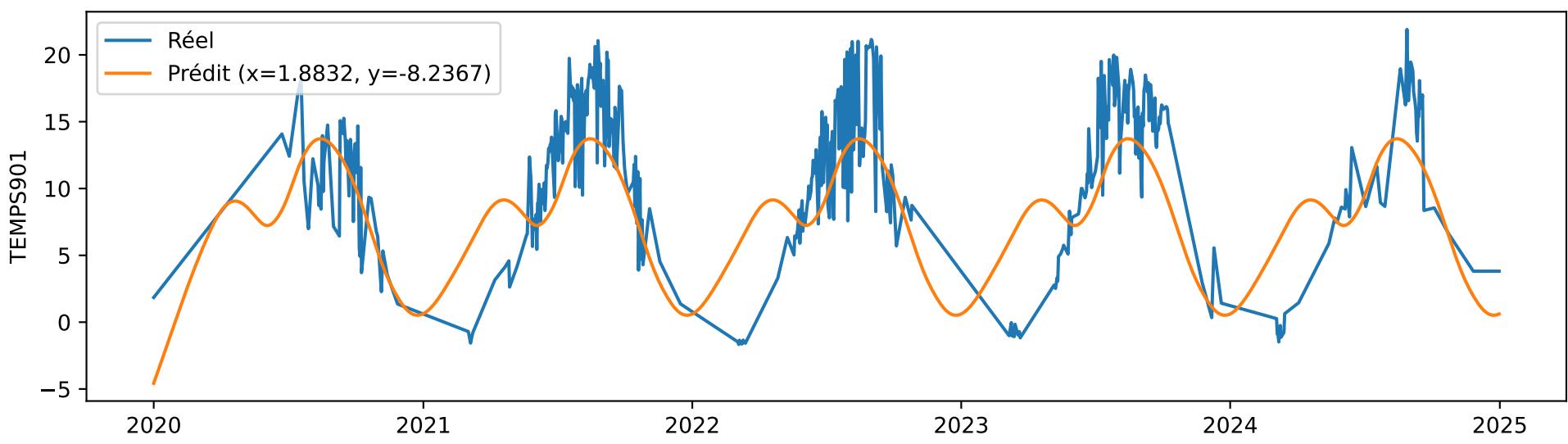
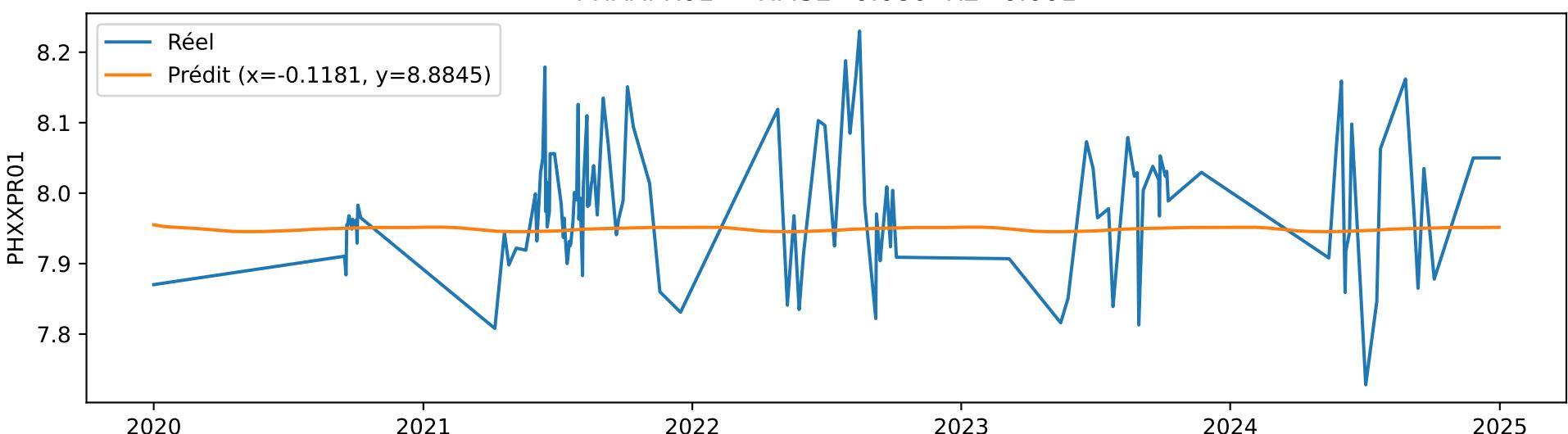


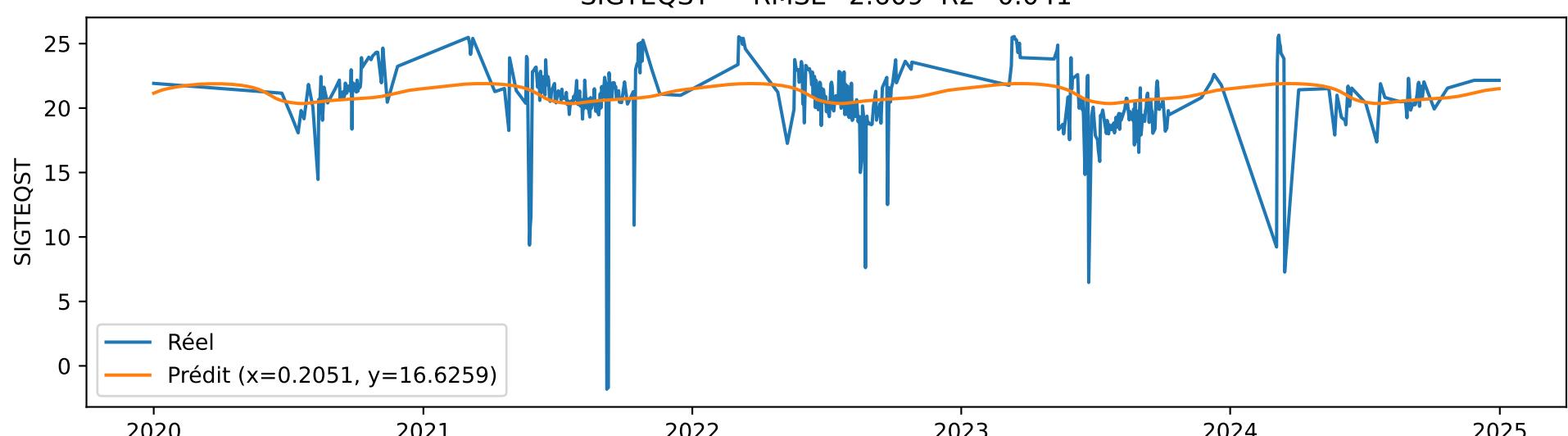
TEMPS901 — RMSE=4.029 R2=0.517



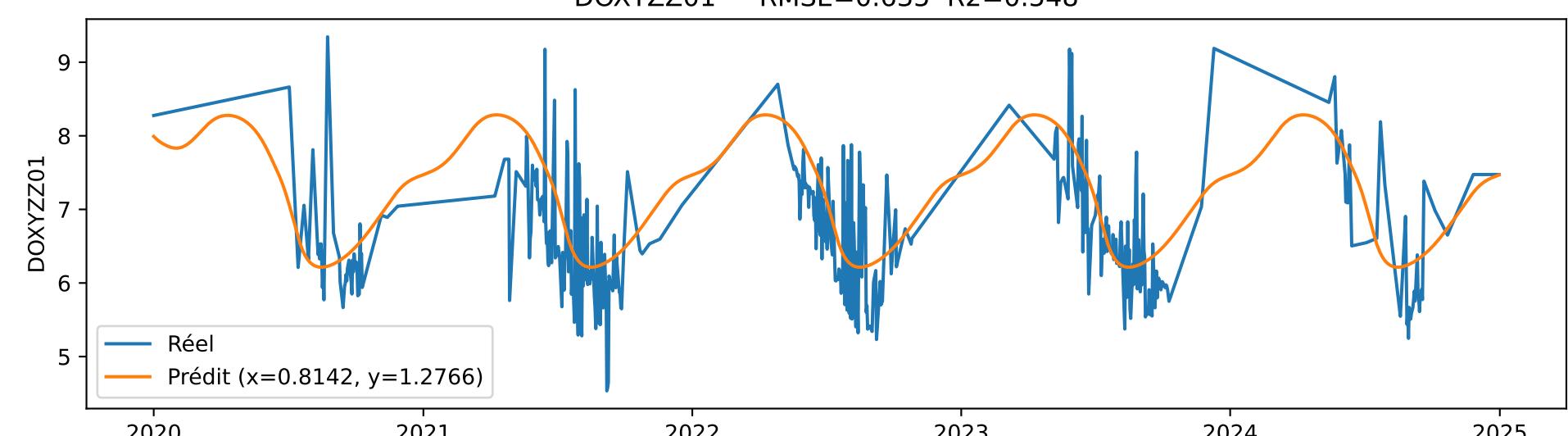
PHXXPR01 — RMSE=0.080 R2=0.001



SIGTEQST — RMSE=2.609 R2=0.041



DOXYZZ01 — RMSE=0.635 R2=0.548



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=4.0285, R2=0.5170 ($x=1.883153$, $y=-8.236689$, $R2_{opt}=0.516961$)
- PHXXPR01: RMSE=0.0799, R2=0.0009 ($x=-0.118054$, $y=8.884506$, $R2_{opt}=0.000880$)
- SIGTEQST: RMSE=2.6092, R2=0.0406 ($x=0.205086$, $y=16.625931$, $R2_{opt}=0.040621$)
- DOXYZZ01: RMSE=0.6348, R2=0.5480 ($x=0.814179$, $y=1.276596$, $R2_{opt}=0.548028$)