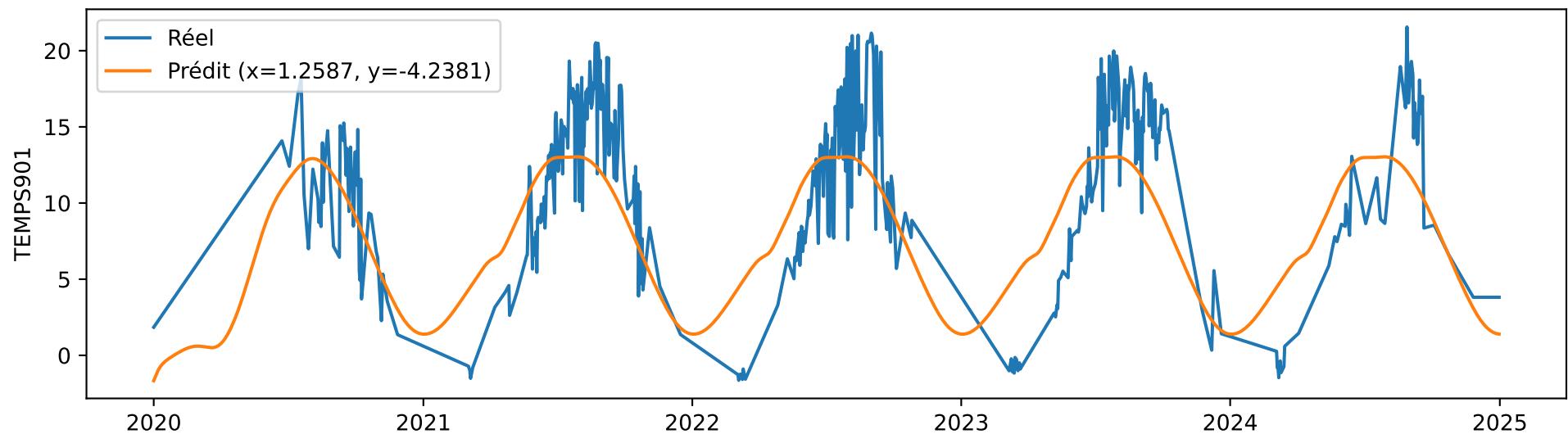
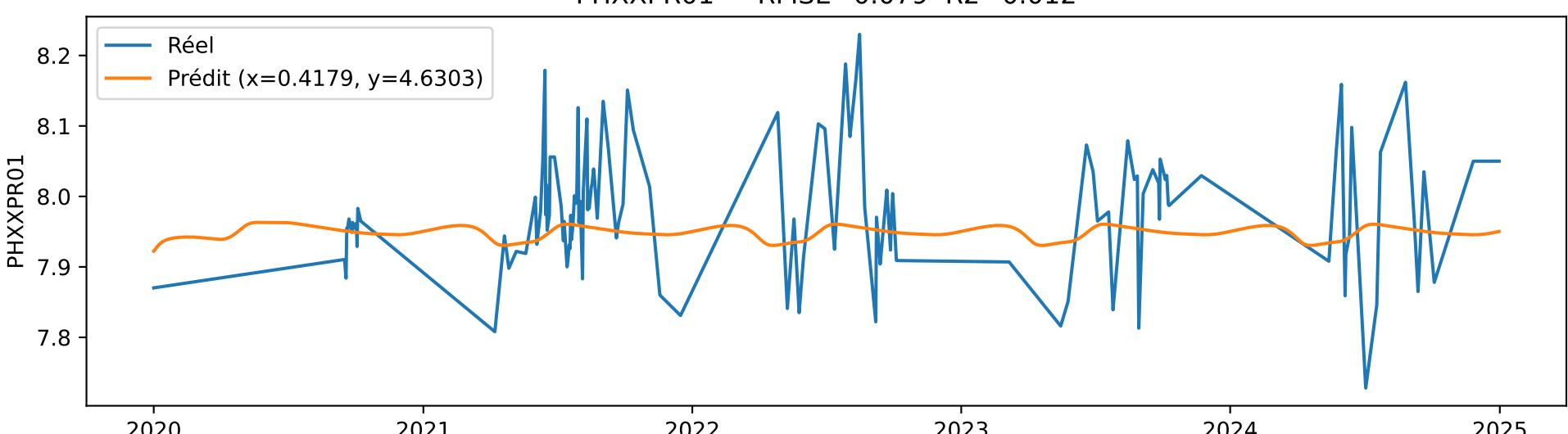


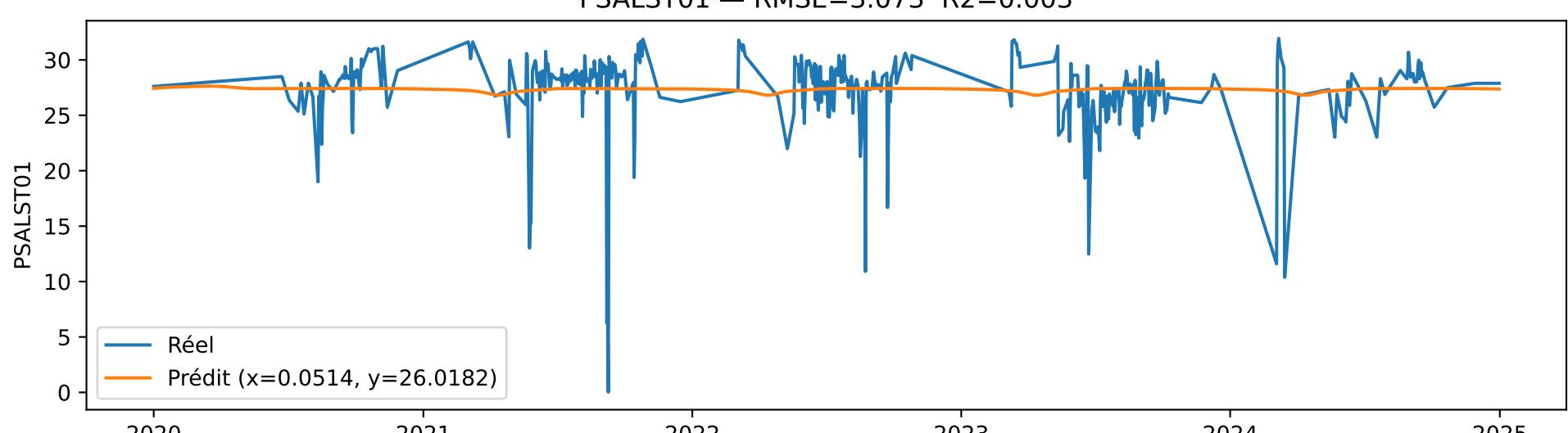
TEMPS901 — RMSE=3.824 R2=0.558



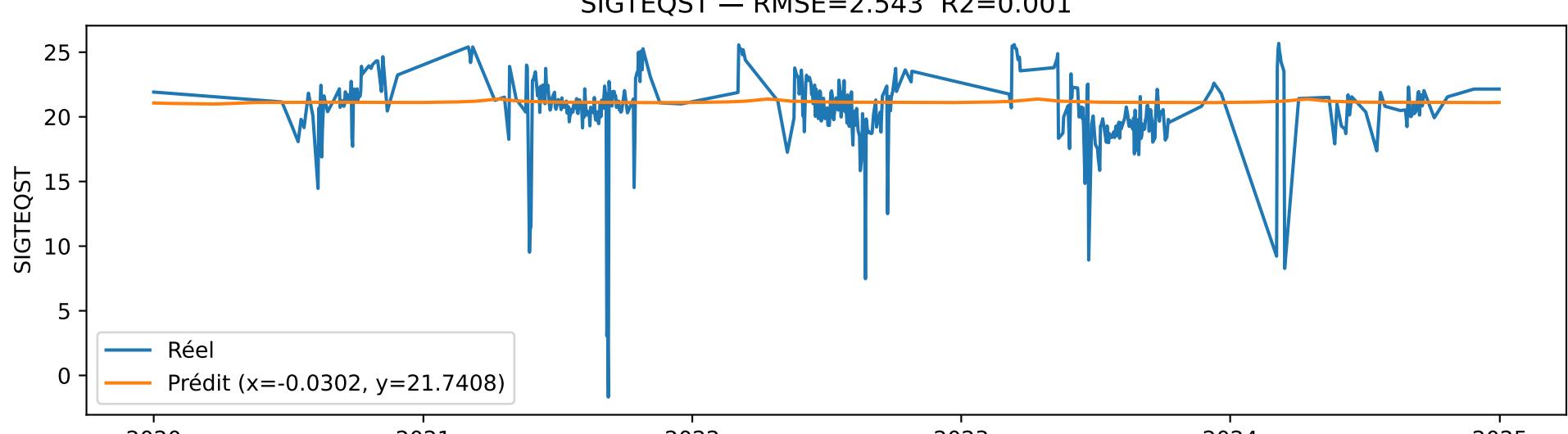
PHXXPR01 — RMSE=0.079 R2=0.012



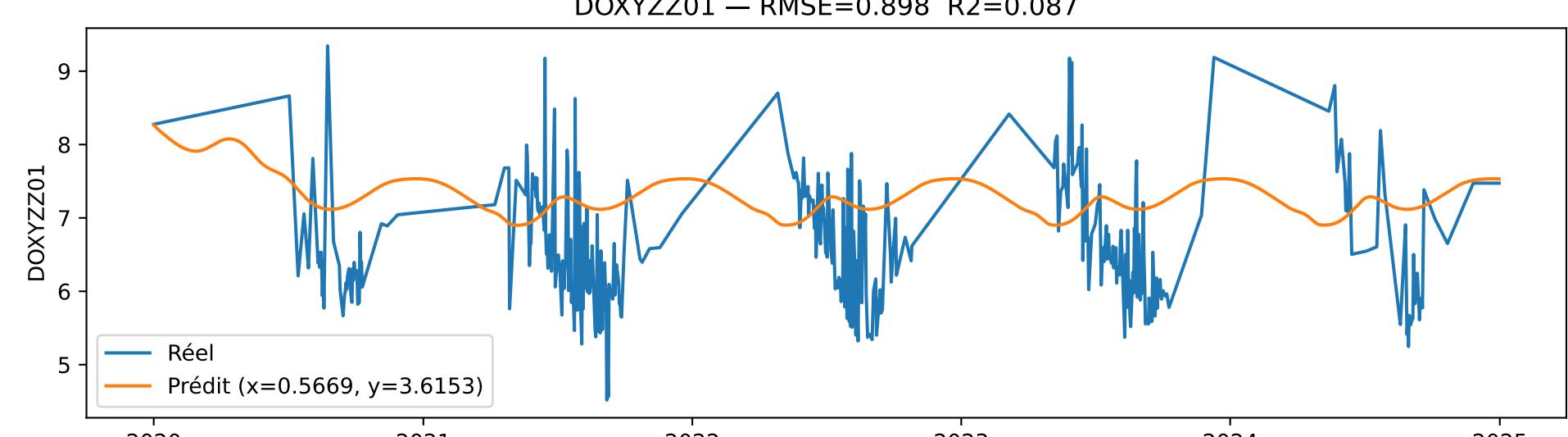
PSALST01 — RMSE=3.073 R2=0.003



SIGTEQST — RMSE=2.543 R2=0.001



DOXYZZ01 — RMSE=0.898 R2=0.087



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=3.8244, R2=0.5581 ($x=1.258730$, $y=-4.238072$, $R2_{opt}=0.558119$)
- PHXXPR01: RMSE=0.0794, R2=0.0117 ($x=0.417886$, $y=4.630332$, $R2_{opt}=0.011711$)
- PSALST01: RMSE=3.0729, R2=0.0027 ($x=0.051416$, $y=26.018172$, $R2_{opt}=0.002727$)
- SIGTEQST: RMSE=2.5429, R2=0.0008 ($x=-0.030198$, $y=21.740807$, $R2_{opt}=0.000814$)
- DOXYZZ01: RMSE=0.8981, R2=0.0871 ($x=0.566917$, $y=3.615299$, $R2_{opt}=0.087074$)