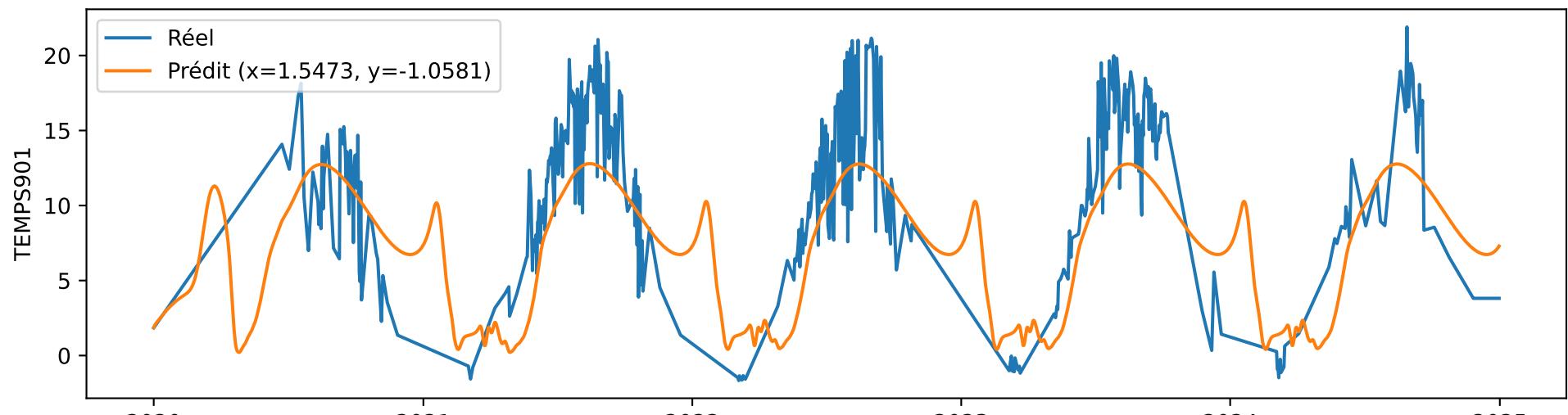
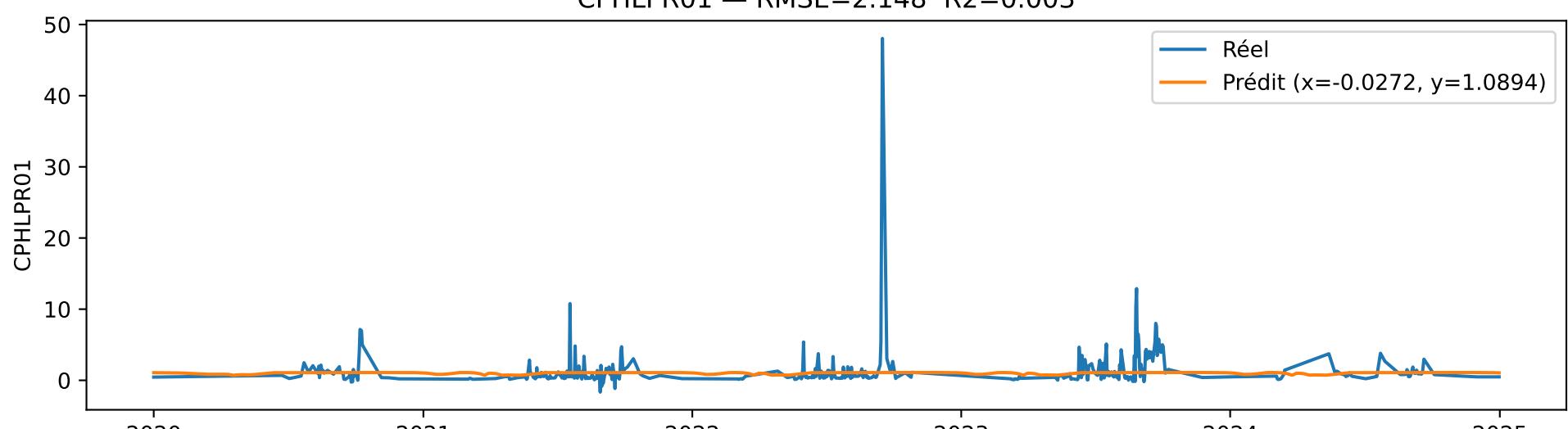


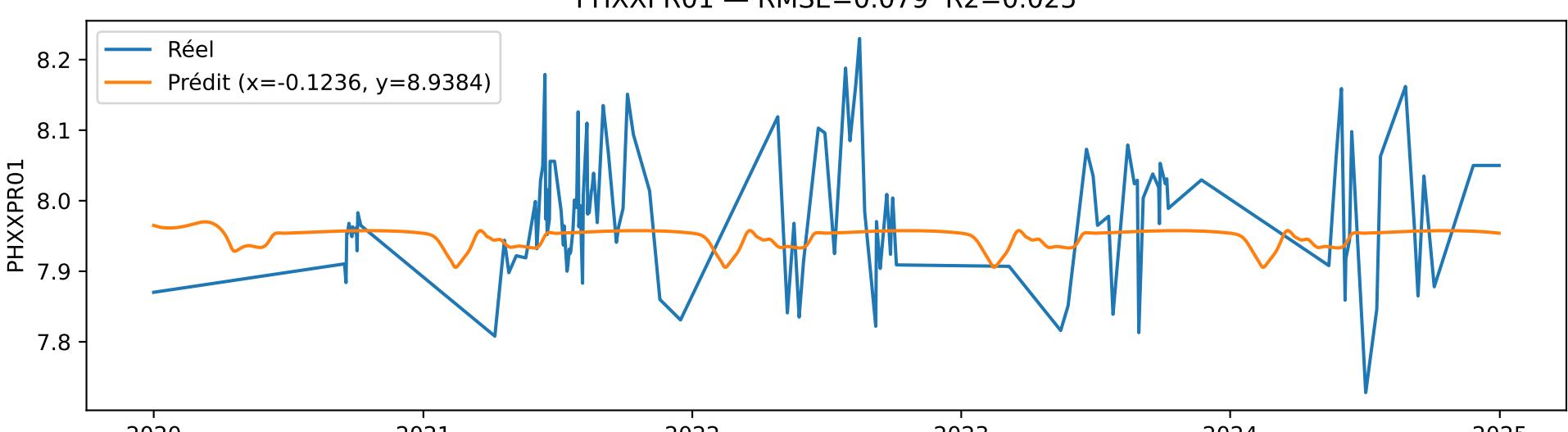
TEMPS901 — RMSE=4.126 R2=0.493



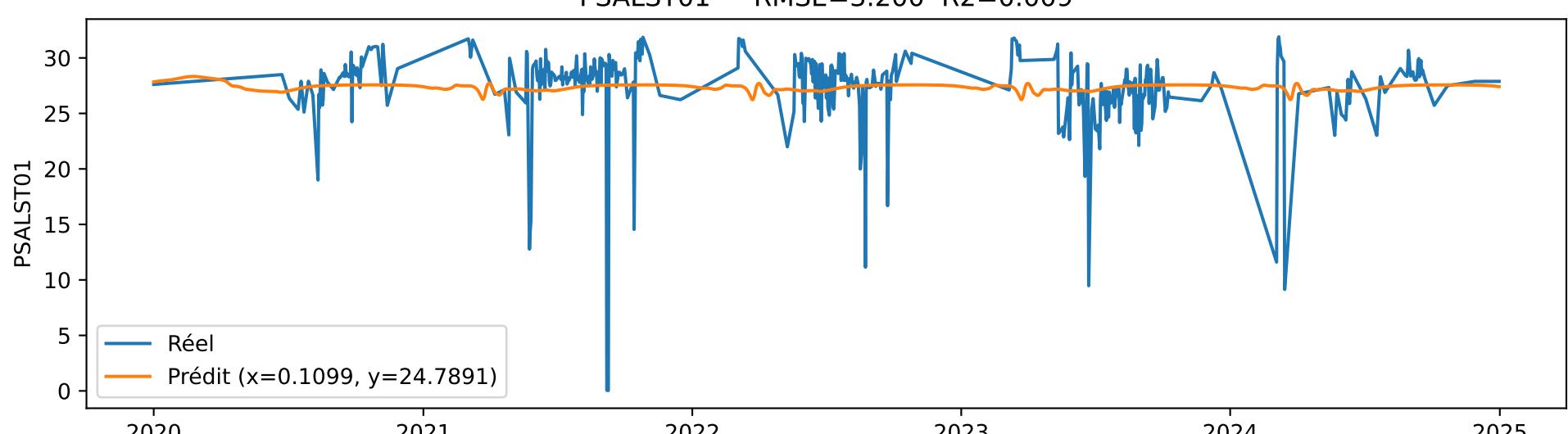
CPHLPR01 — RMSE=2.148 R2=0.003



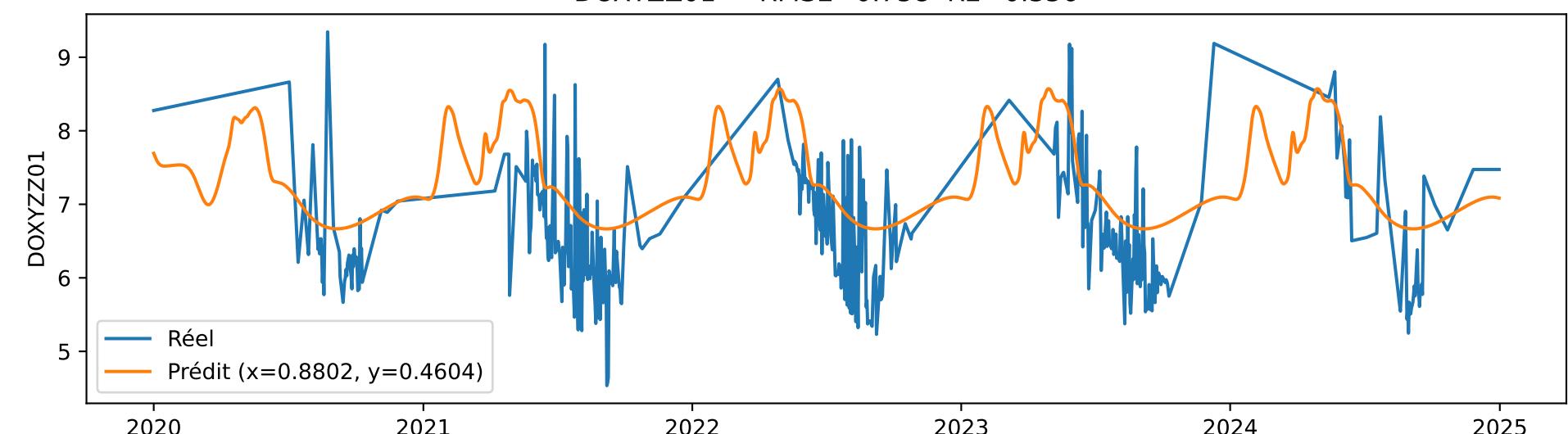
PHXXPR01 — RMSE=0.079 R2=0.025



PSALST01 — RMSE=3.200 R2=0.009



DOXYZZ01 — RMSE=0.758 R2=0.356



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=4.1260, R2=0.4933 ($x=1.547278$, $y=-1.058072$, $R2_{opt}=0.493310$)
- CPHLPR01: RMSE=2.1483, R2=0.0030 ($x=-0.027178$, $y=1.089373$, $R2_{opt}=0.003040$)
- PHXXPR01: RMSE=0.0789, R2=0.0250 ($x=-0.123613$, $y=8.938350$, $R2_{opt}=0.025000$)
- PSALST01: RMSE=3.2005, R2=0.0091 ($x=0.109911$, $y=24.789127$, $R2_{opt}=0.009143$)
- DOXYZZ01: RMSE=0.7575, R2=0.3563 ($x=0.880198$, $y=0.460358$, $R2_{opt}=0.356321$)