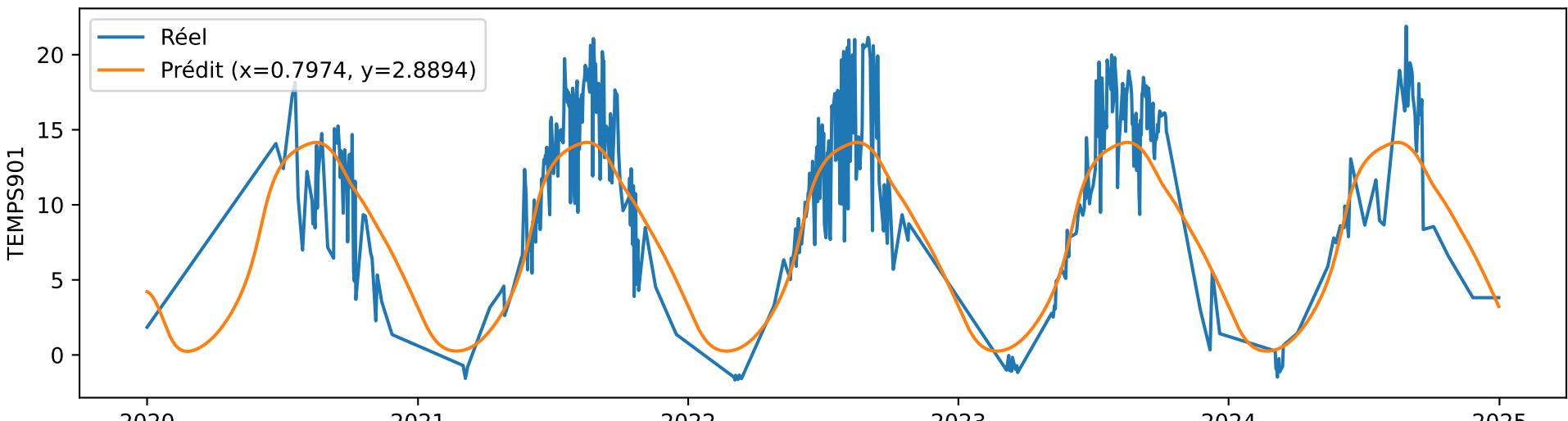
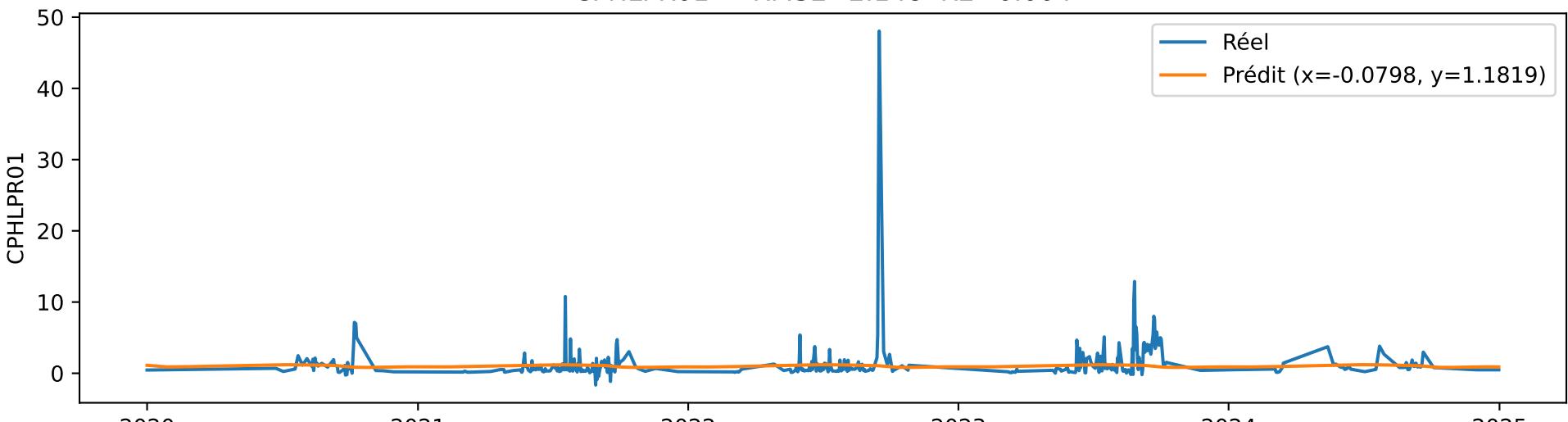


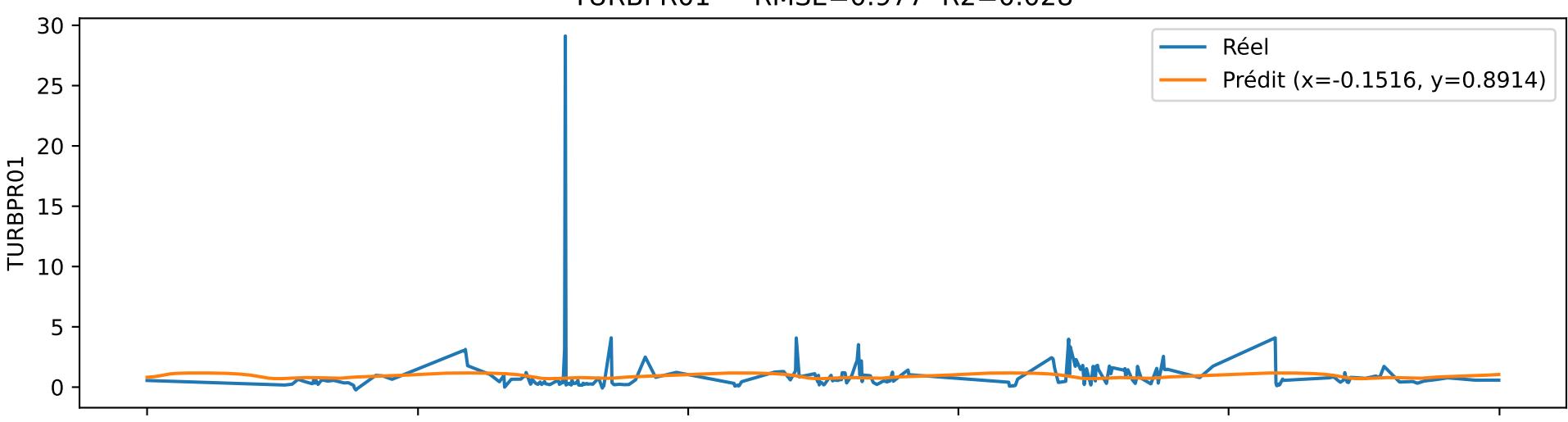
TEMPS901 — RMSE=2.959 R2=0.739



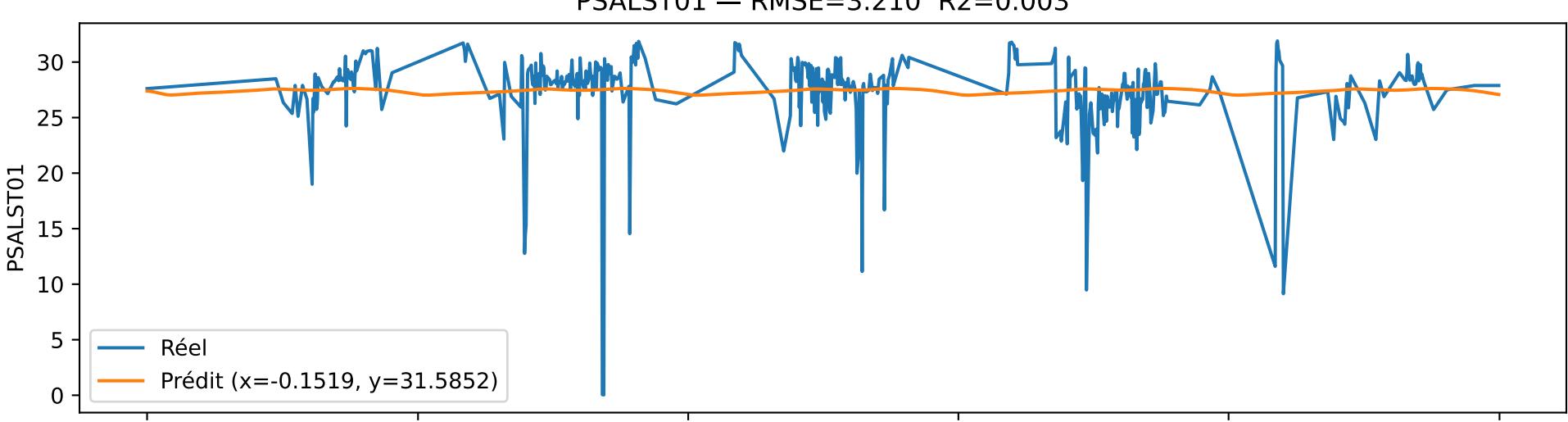
CPHLPR01 — RMSE=2.148 R2=0.004



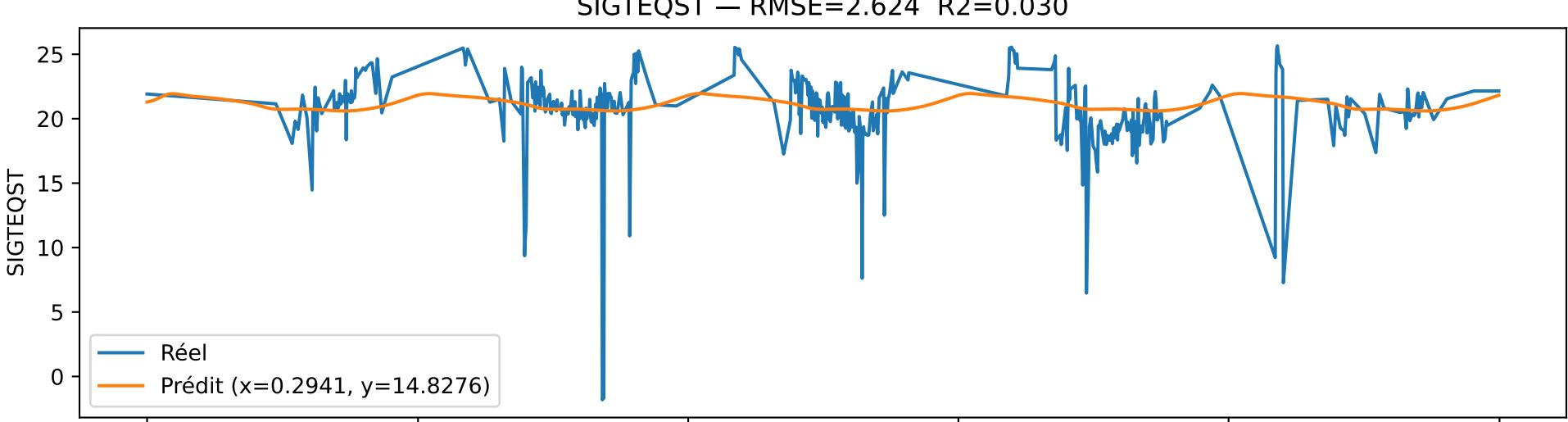
TURBPR01 — RMSE=0.977 R2=0.028



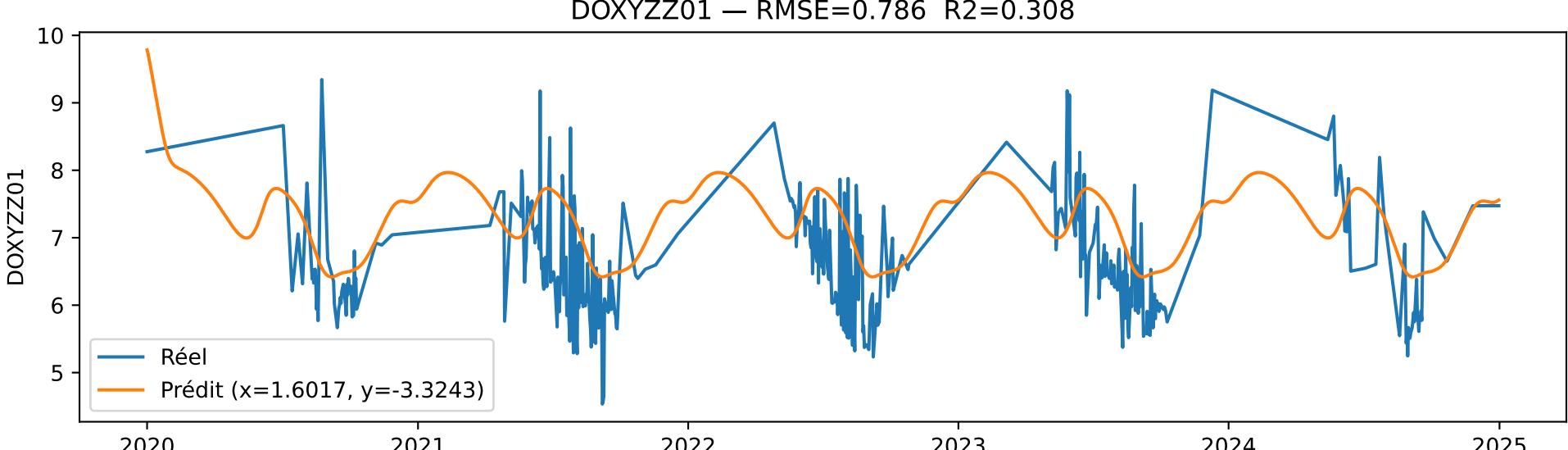
PSALST01 — RMSE=3.210 R2=0.003



SIGTEQST — RMSE=2.624 R2=0.030



DOXYZZ01 — RMSE=0.786 R2=0.308



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=2.9591, R2=0.7394 ($x=0.797431$, $y=2.889439$, $R2_{opt}=0.739383$)
- CPHLPR01: RMSE=2.1478, R2=0.0035 ($x=-0.079812$, $y=1.181893$, $R2_{opt}=0.003506$)
- TURBPR01: RMSE=0.9766, R2=0.0279 ($x=-0.151595$, $y=0.891445$, $R2_{opt}=0.027893$)
- PSALST01: RMSE=3.2102, R2=0.0031 ($x=-0.151915$, $y=31.585238$, $R2_{opt}=0.003131$)
- SIGTEQST: RMSE=2.6237, R2=0.0299 ($x=0.294069$, $y=14.827607$, $R2_{opt}=0.029945$)
- DOXYZZ01: RMSE=0.7857, R2=0.3076 ($x=1.601747$, $y=-3.324299$, $R2_{opt}=0.307619$)