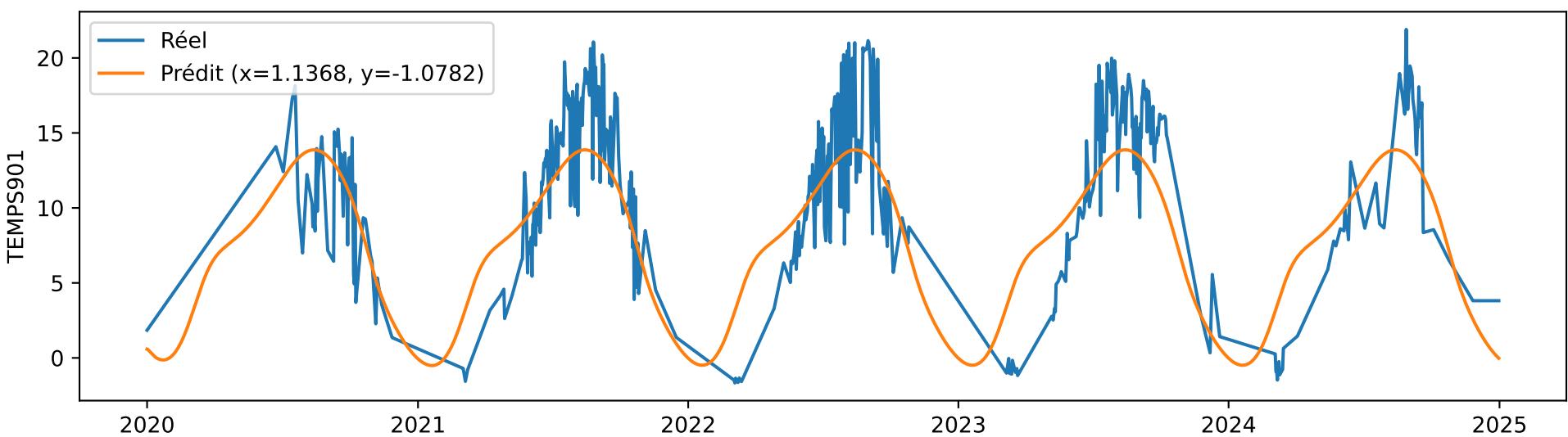
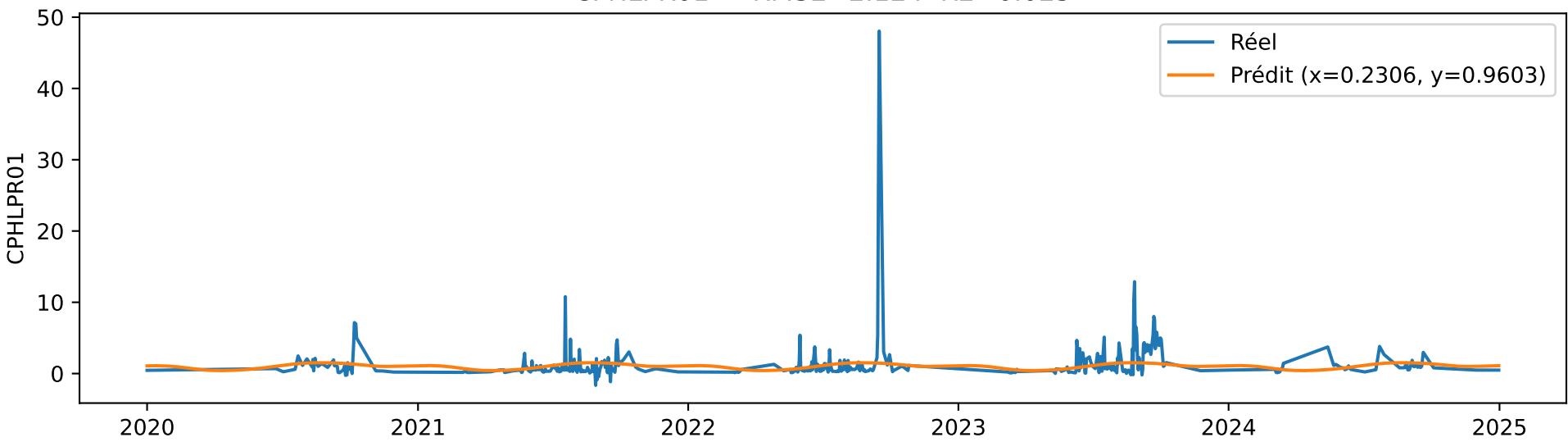


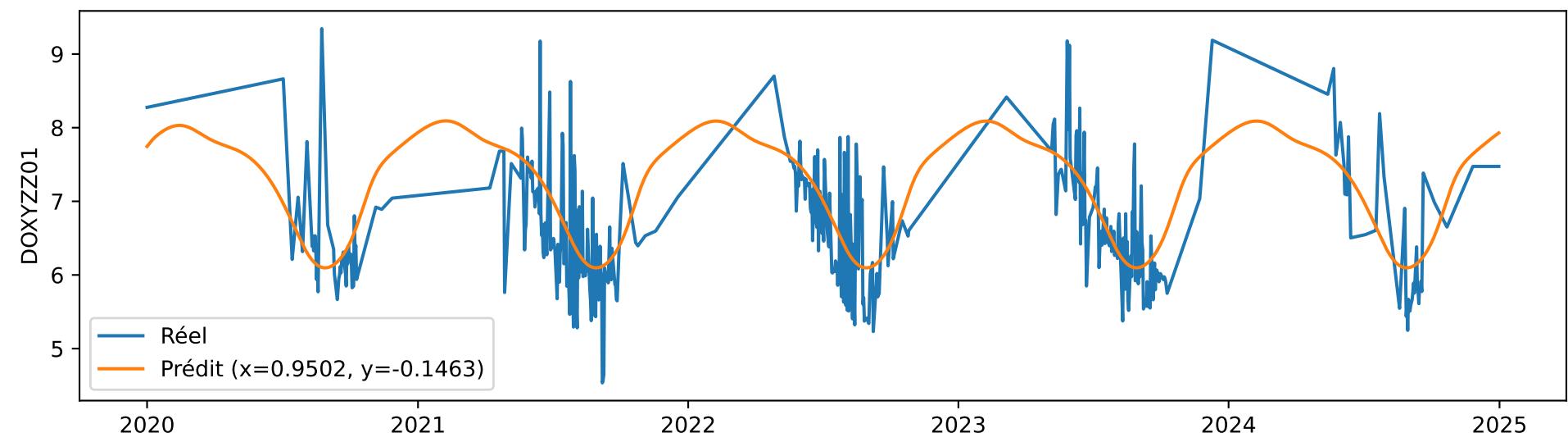
TEMPS901 — RMSE=3.232 R2=0.689



CPHLPR01 — RMSE=2.124 R2=0.025



DOXYZZ01 — RMSE=0.675 R2=0.489



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=3.2317, R2=0.6891 ($x=1.136811$, $y=-1.078192$, $R^2_{opt}=0.689143$)
- CPHLPR01: RMSE=2.1241, R2=0.0253 ($x=0.230578$, $y=0.960314$, $R^2_{opt}=0.025349$)
- DOXYZZ01: RMSE=0.6748, R2=0.4892 ($x=0.950225$, $y=-0.146335$, $R^2_{opt}=0.489190$)