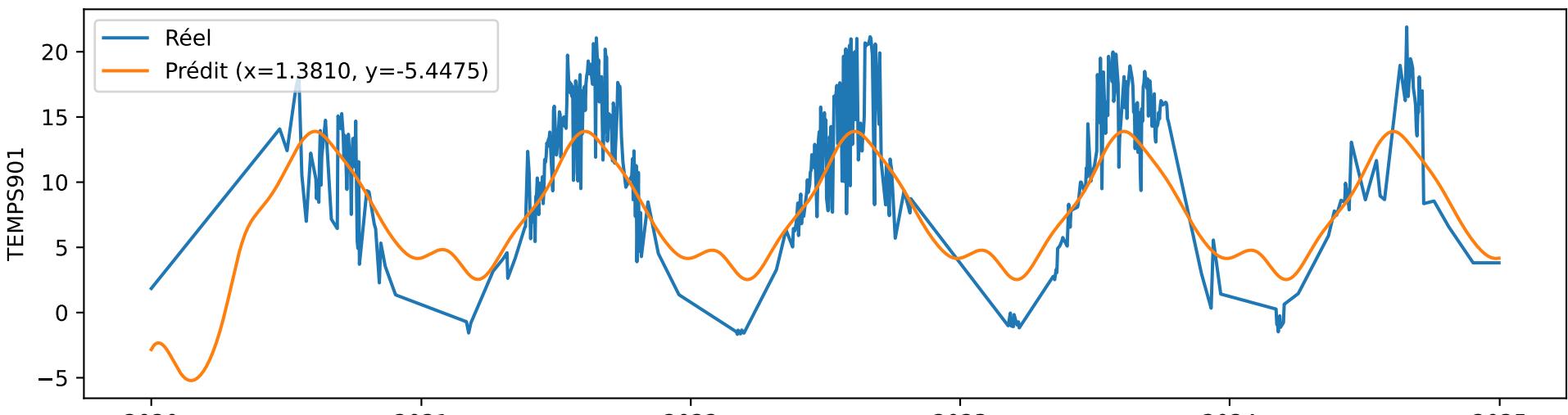
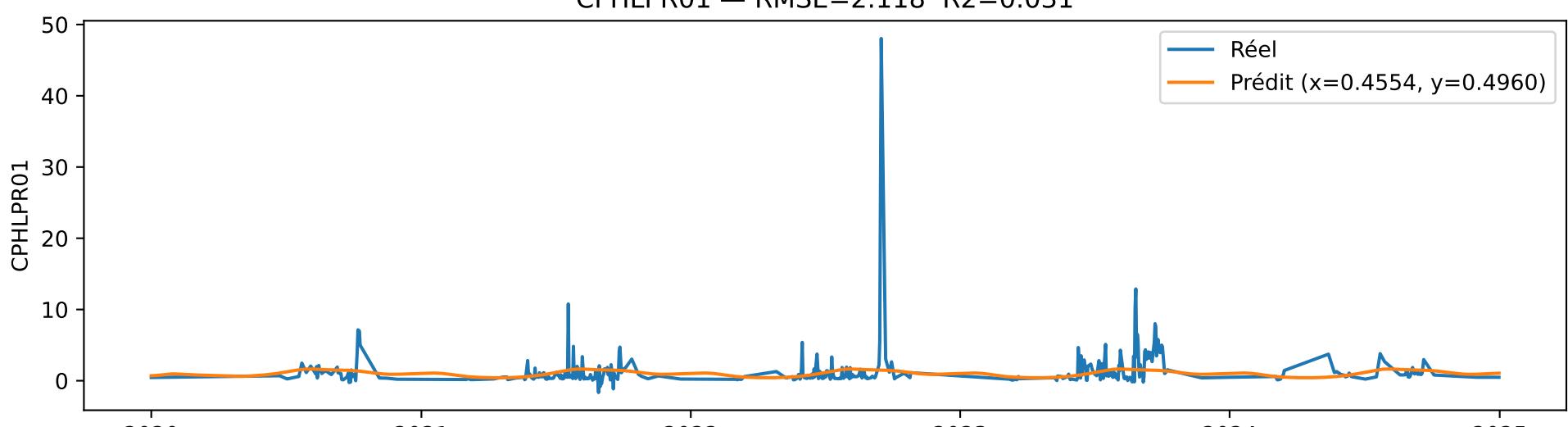


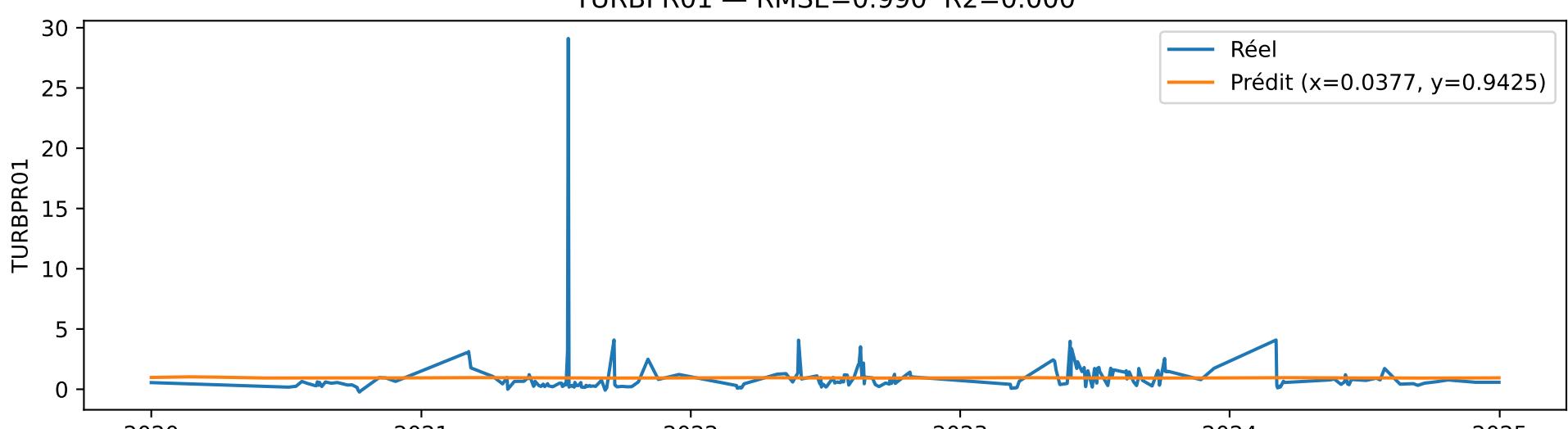
TEMPS901 — RMSE=3.819 R2=0.566



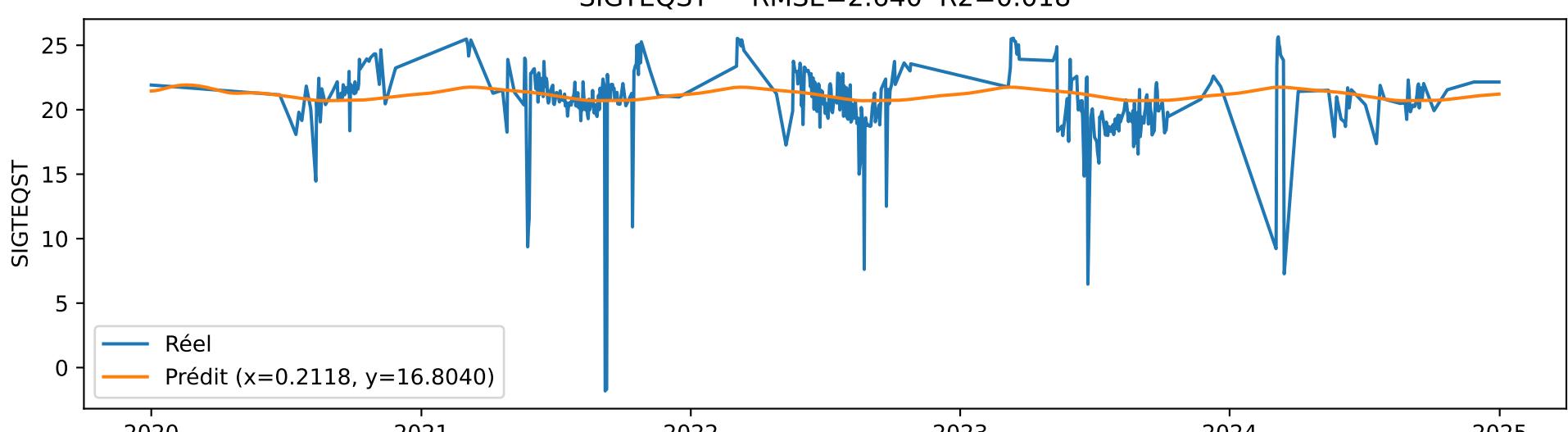
CPHLPR01 — RMSE=2.118 R2=0.031



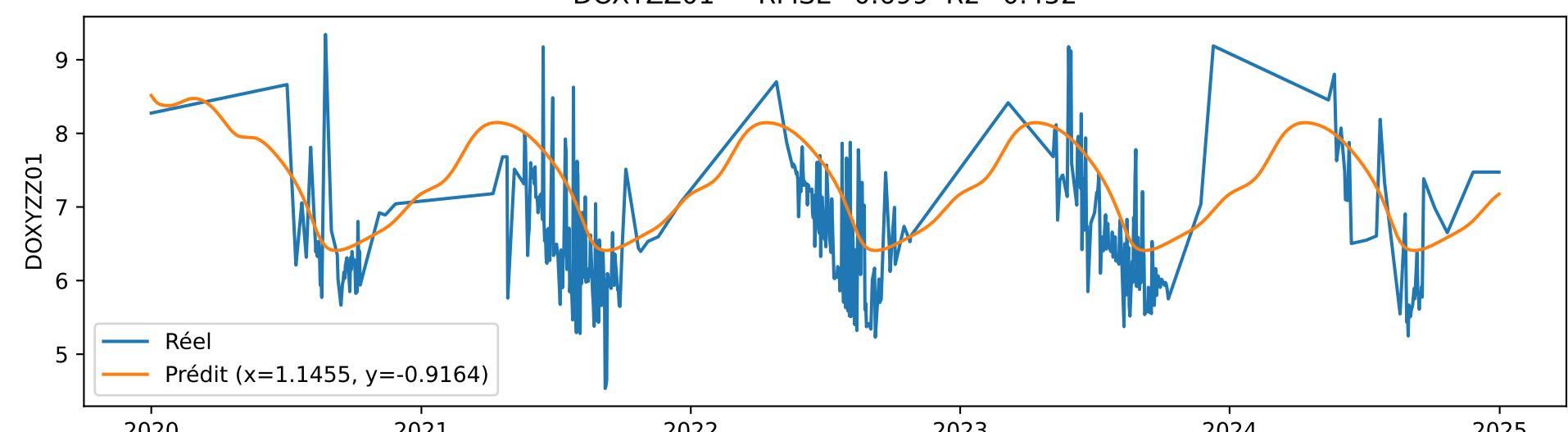
TURBPR01 — RMSE=0.990 R2=0.000



SIGTEQST — RMSE=2.640 R2=0.018



DOXYZZ01 — RMSE=0.699 R2=0.452



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=3.8185, R2=0.5660 ($x=1.381013$, $y=-5.447464$, $R2_{opt}=0.566007$)
- CPHLPR01: RMSE=2.1185, R2=0.0305 ($x=0.455410$, $y=0.496044$, $R2_{opt}=0.030538$)
- TURBPR01: RMSE=0.9903, R2=0.0005 ($x=0.037732$, $y=0.942464$, $R2_{opt}=0.000451$)
- SIGTEQST: RMSE=2.6402, R2=0.0177 ($x=0.211827$, $y=16.804008$, $R2_{opt}=0.017709$)
- DOXYZZ01: RMSE=0.6988, R2=0.4523 ($x=1.145511$, $y=-0.916391$, $R2_{opt}=0.452321$)