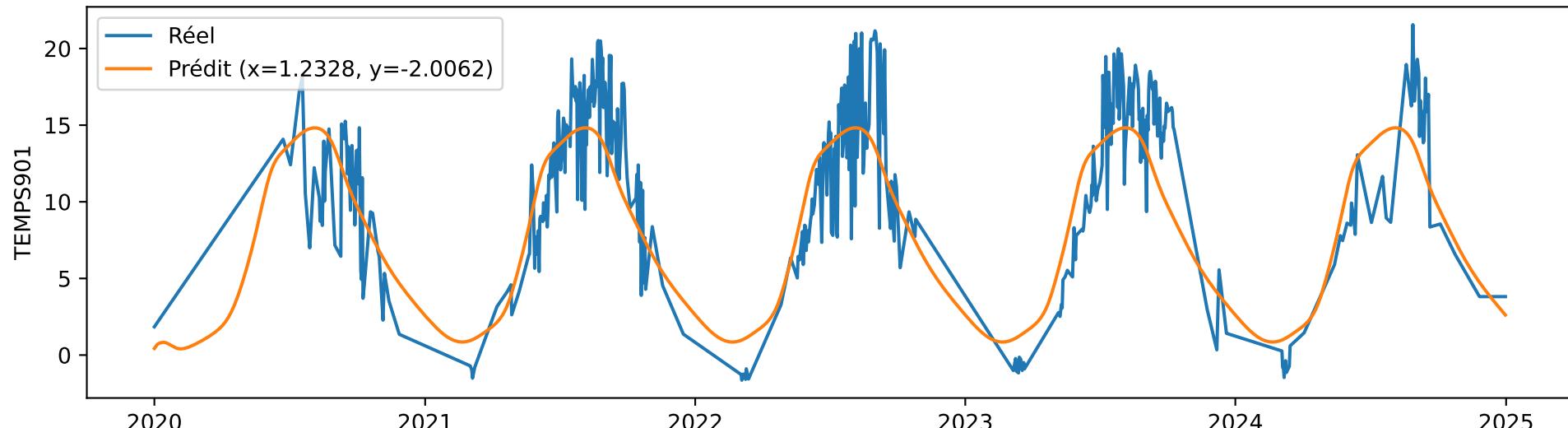
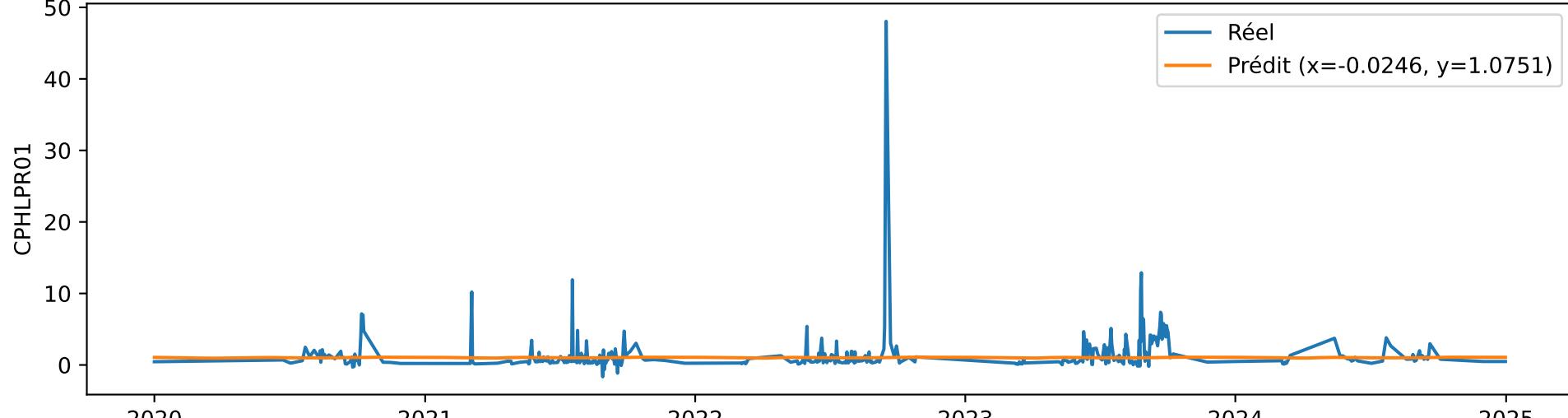


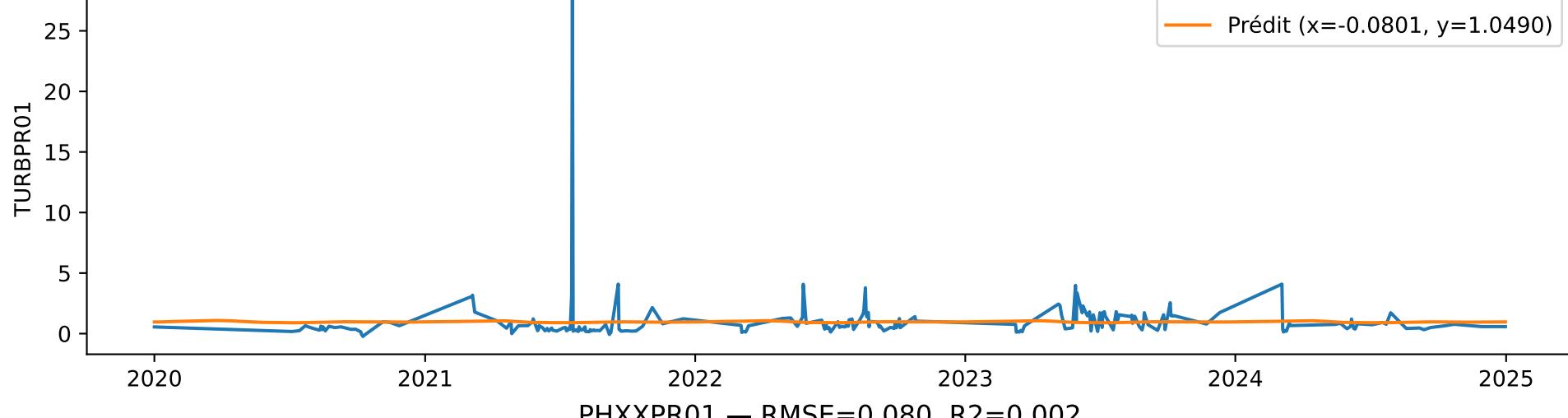
TEMPS901 — RMSE=2.789 R2=0.765



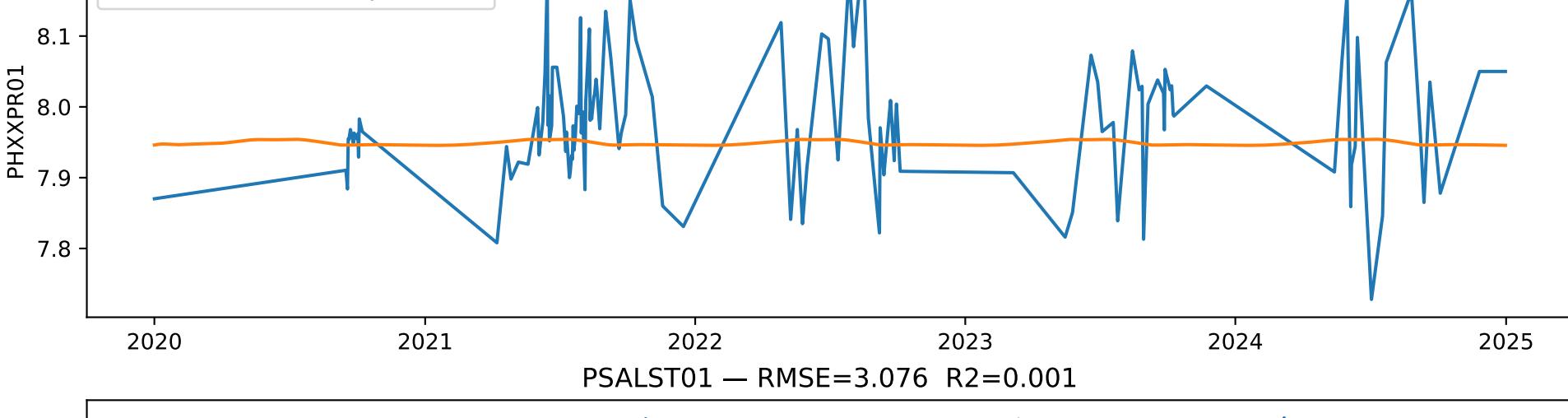
CPHLPR01 — RMSE=2.161 R2=0.000



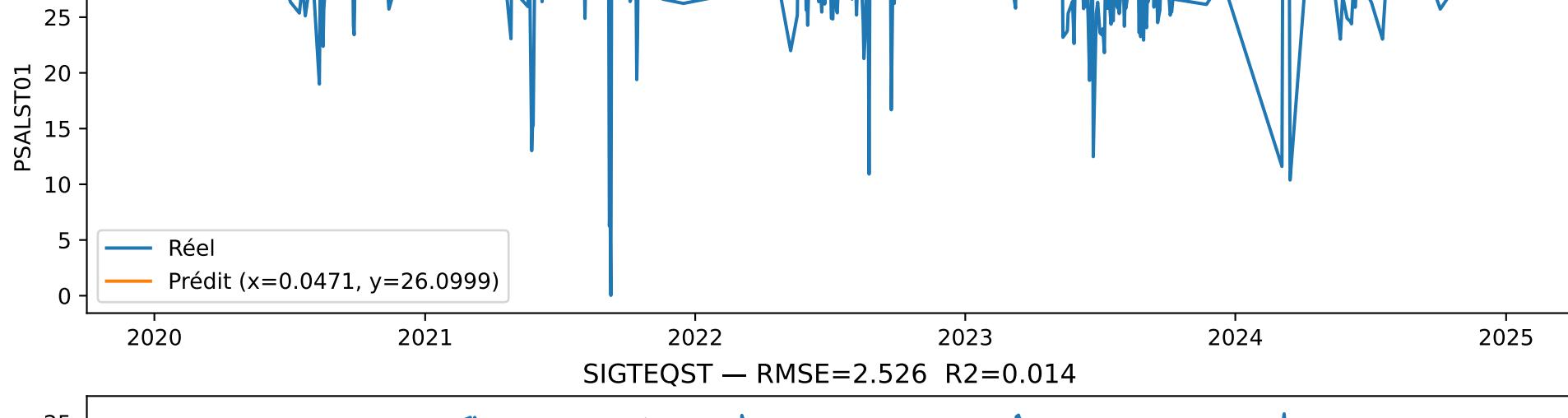
TURBPR01 — RMSE=0.980 R2=0.002



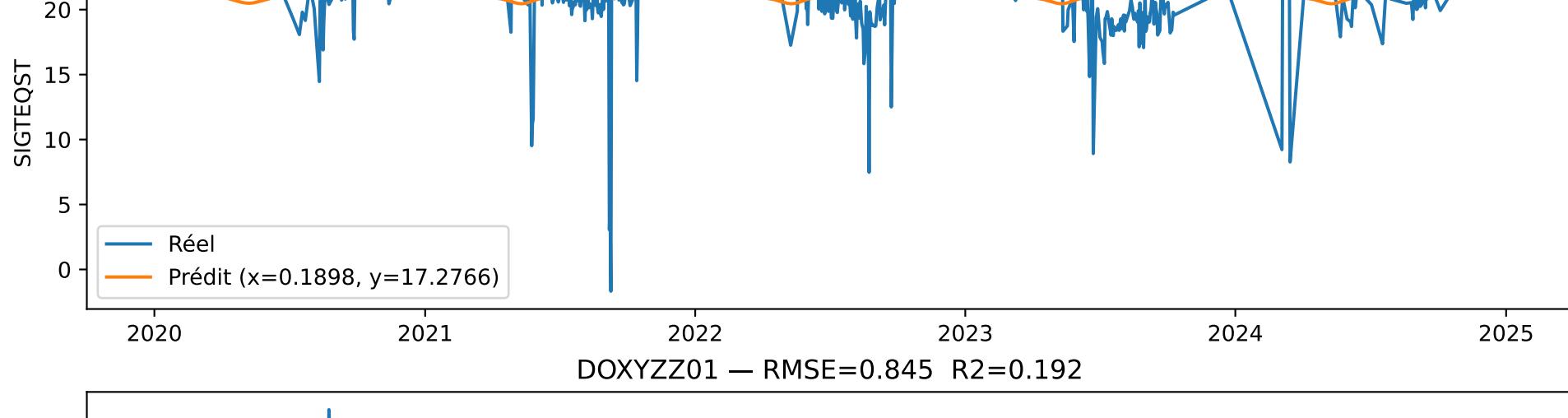
PHXXPR01 — RMSE=0.080 R2=0.002



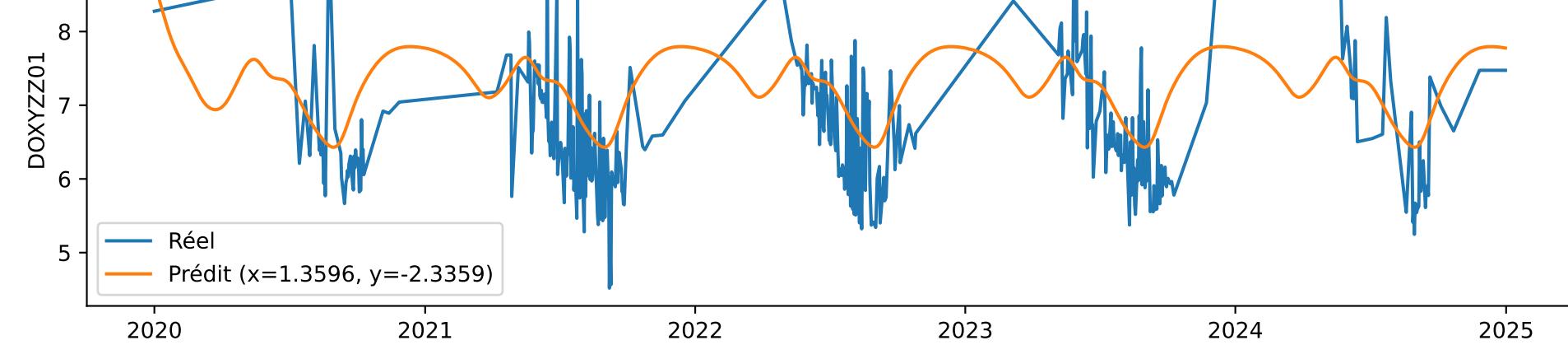
PSALST01 — RMSE=3.076 R2=0.001



SIGTEQST — RMSE=2.526 R2=0.014



DOXYZZ01 — RMSE=0.845 R2=0.192



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=2.7885, R2=0.7651 ($x=1.232773$, $y=-2.006249$, $R2_{opt}=0.765068$)
- CPHLPR01: RMSE=2.1609, R2=0.0003 ($x=-0.024592$, $y=1.075132$, $R2_{opt}=0.000325$)
- TURBPR01: RMSE=0.9796, R2=0.0022 ($x=-0.080130$, $y=1.049010$, $R2_{opt}=0.002244$)
- PHXXPR01: RMSE=0.0798, R2=0.0015 ($x=0.070266$, $y=7.392698$, $R2_{opt}=0.001549$)
- PSALST01: RMSE=3.0757, R2=0.0009 ($x=0.047146$, $y=26.099862$, $R2_{opt}=0.000875$)
- SIGTEQST: RMSE=2.5258, R2=0.0142 ($x=0.189821$, $y=17.276630$, $R2_{opt}=0.014164$)
- DOXYZZ01: RMSE=0.8448, R2=0.1921 ($x=1.359614$, $y=-2.335937$, $R2_{opt}=0.192141$)