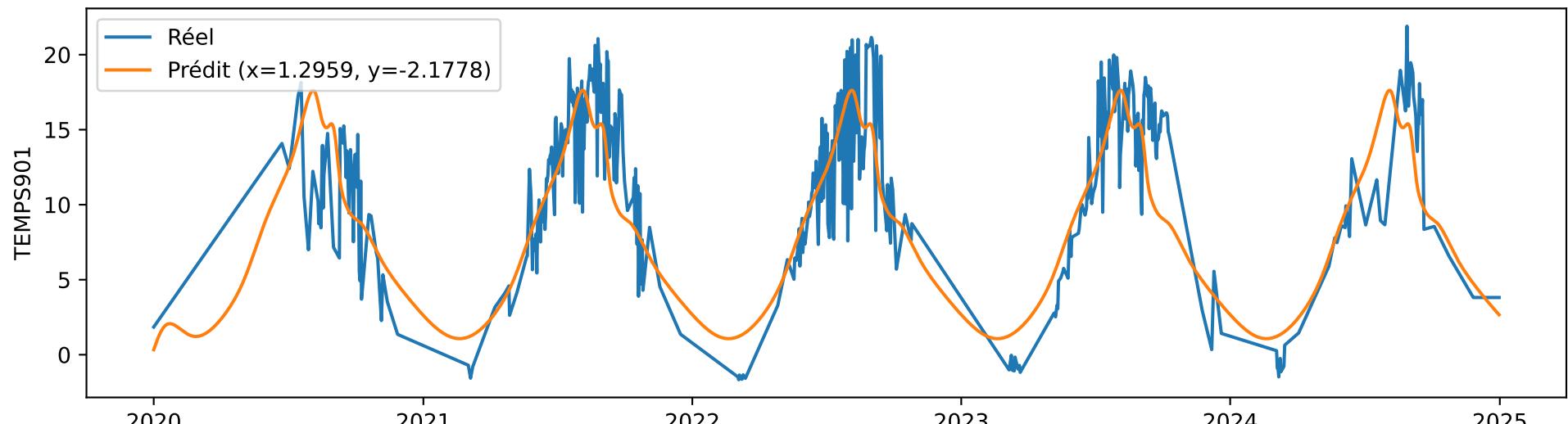
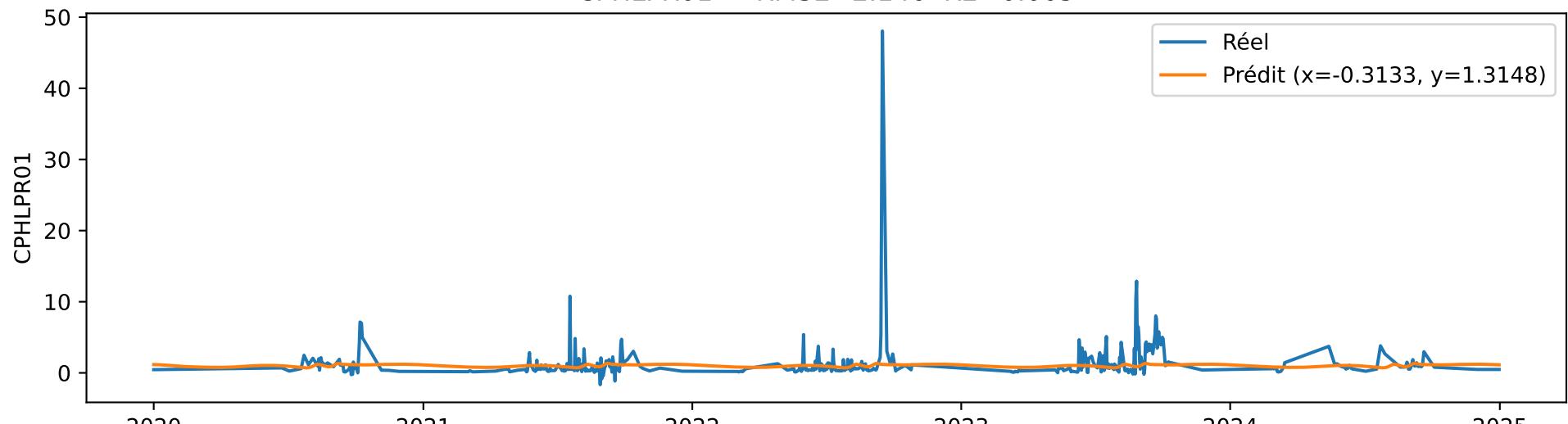


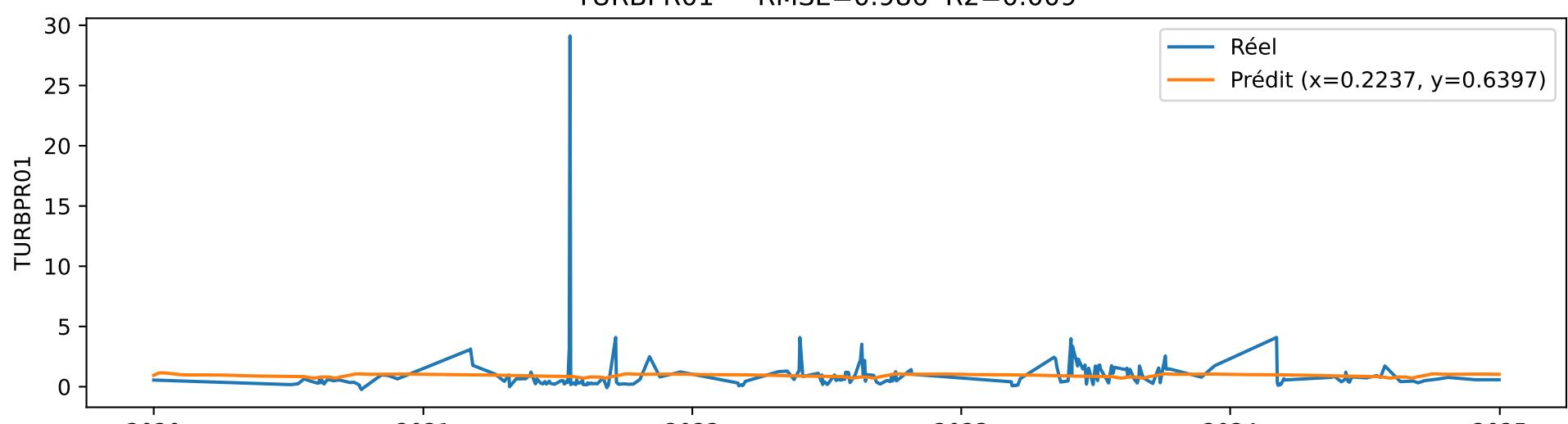
TEMPS901 — RMSE=2.877 R2=0.754



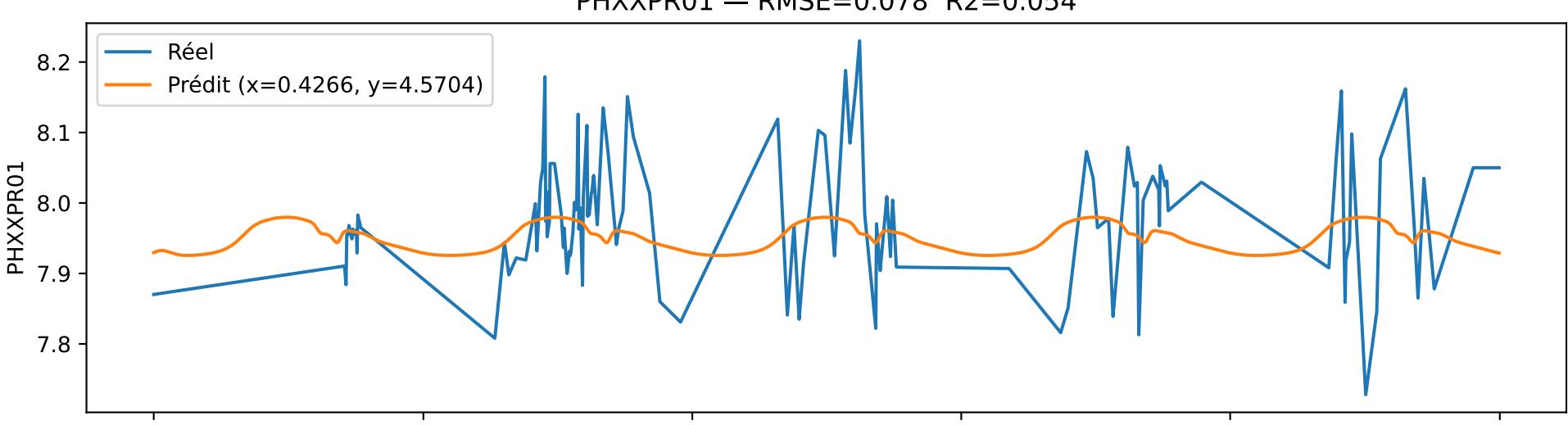
CPHLPR01 — RMSE=2.146 R2=0.005



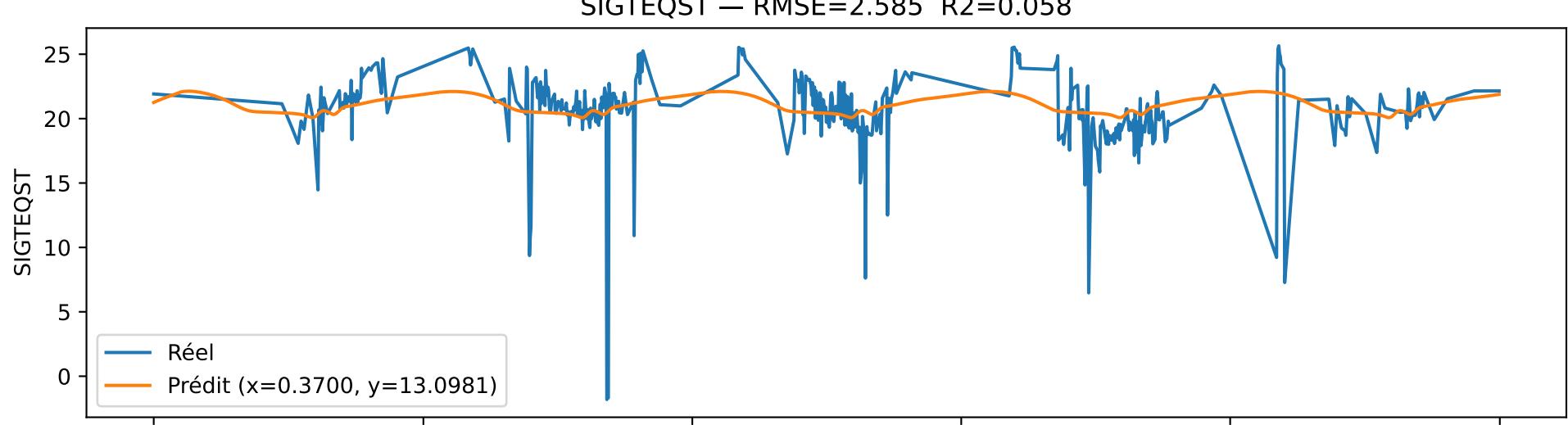
TURBPR01 — RMSE=0.986 R2=0.009



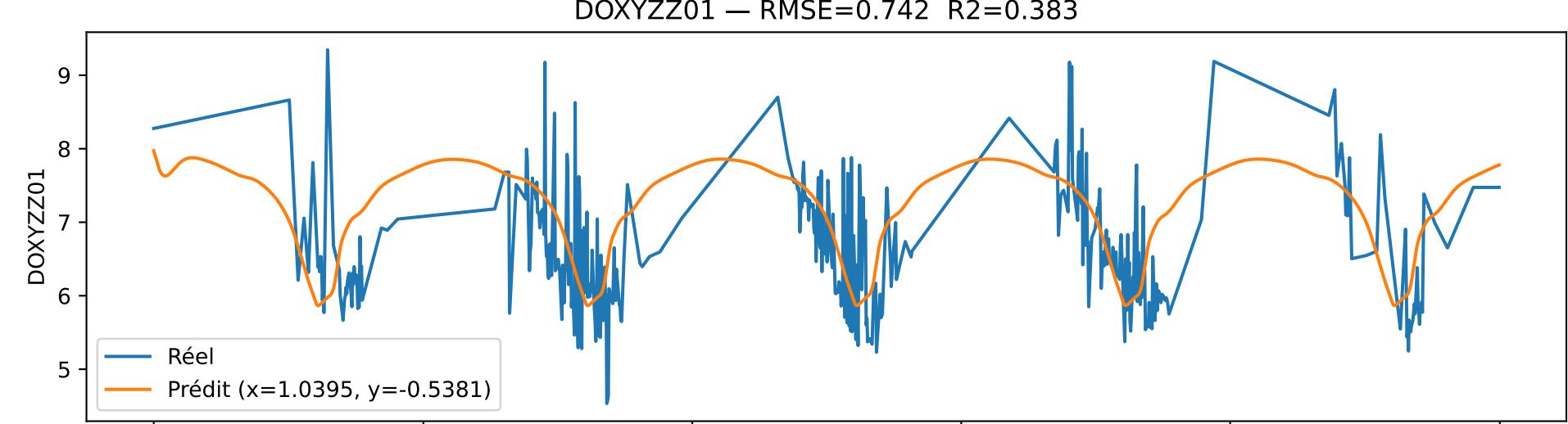
PHXXPR01 — RMSE=0.078 R2=0.054



SIGTEQST — RMSE=2.585 R2=0.058



DOXYZZ01 — RMSE=0.742 R2=0.383



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=2.8766, R2=0.7537 ($x=1.295895$, $y=-2.177841$, $R2_{opt}=0.753715$)
- CPHLPR01: RMSE=2.1457, R2=0.0055 ($x=-0.313291$, $y=1.314772$, $R2_{opt}=0.005476$)
- TURBPR01: RMSE=0.9860, R2=0.0092 ($x=0.223696$, $y=0.639673$, $R2_{opt}=0.009165$)
- PHXXPR01: RMSE=0.0778, R2=0.0541 ($x=0.426629$, $y=4.570415$, $R2_{opt}=0.054132$)
- SIGTEQST: RMSE=2.5849, R2=0.0585 ($x=0.369952$, $y=13.098073$, $R2_{opt}=0.058454$)
- DOXYZZ01: RMSE=0.7415, R2=0.3832 ($x=1.039509$, $y=-0.538081$, $R2_{opt}=0.383203$)