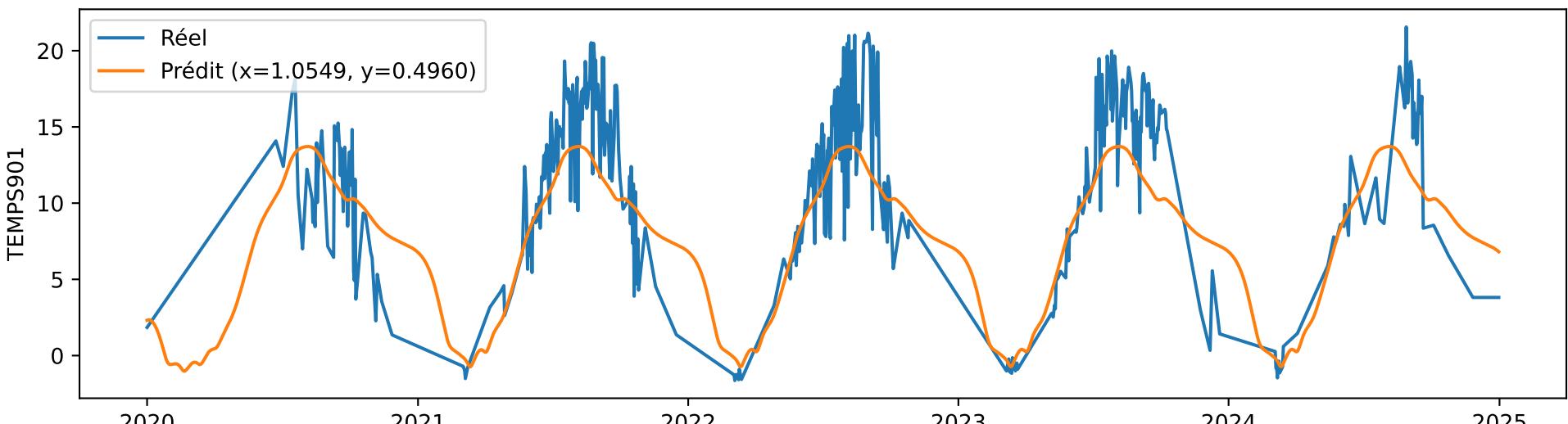
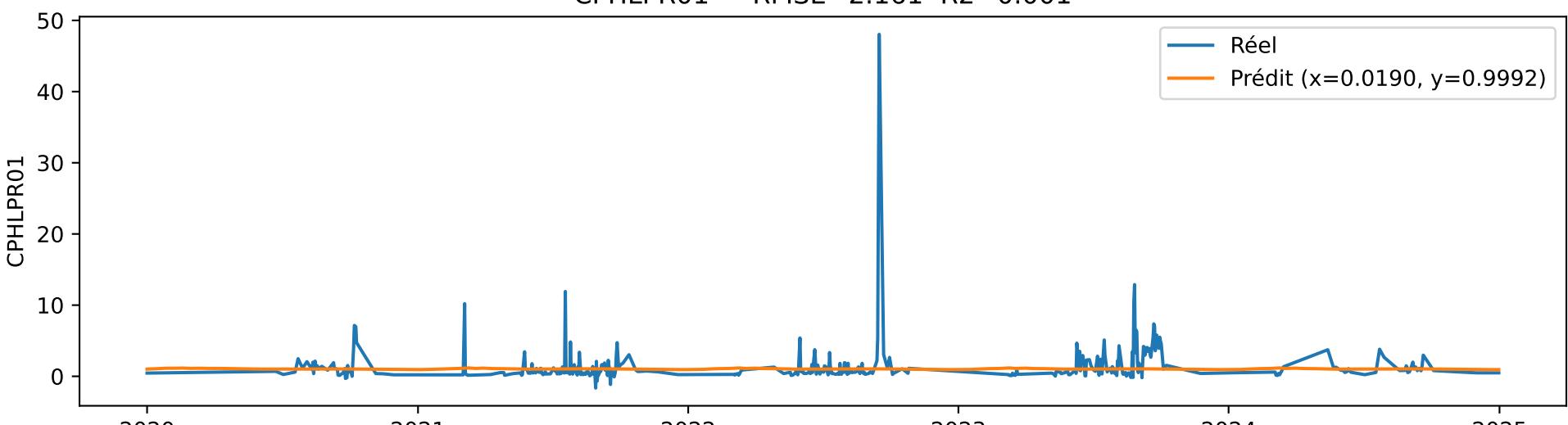


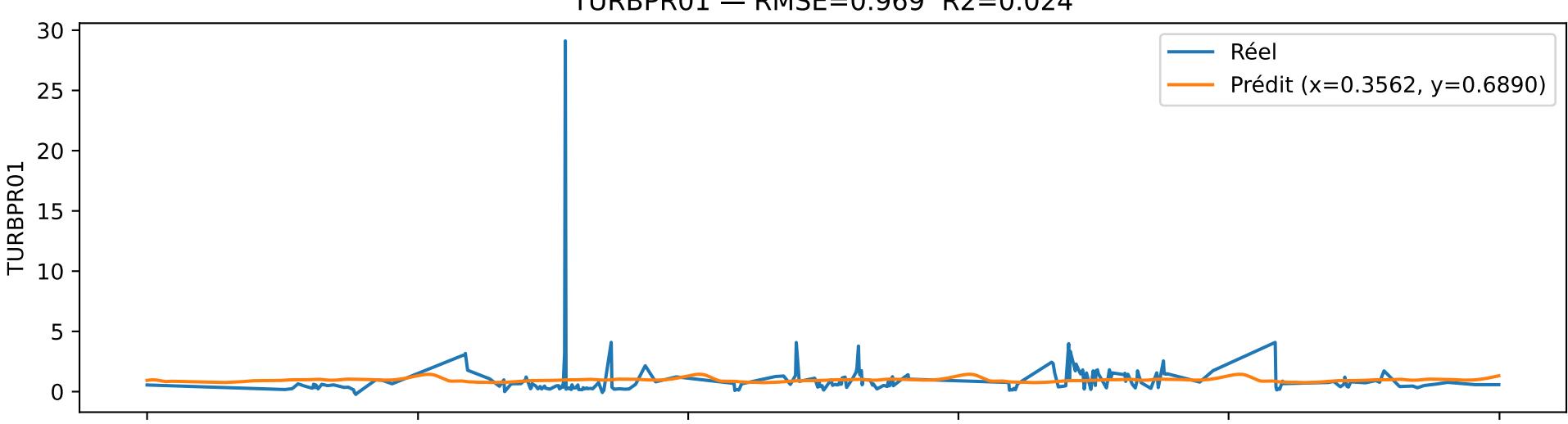
TEMPS901 — RMSE=3.576 R2=0.614



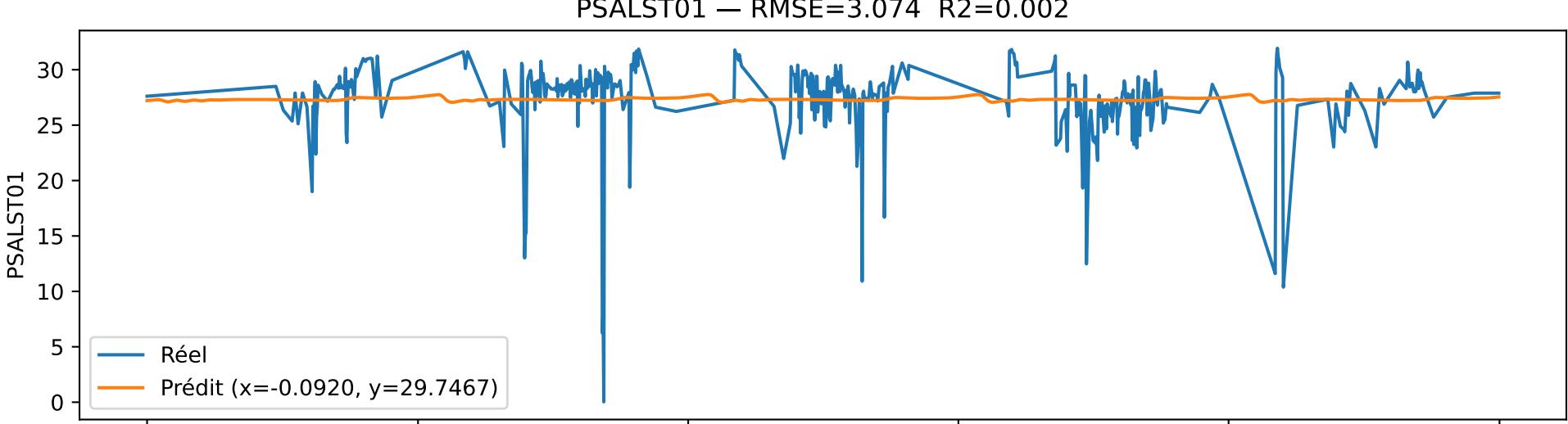
CPHLPR01 — RMSE=2.161 R2=0.001



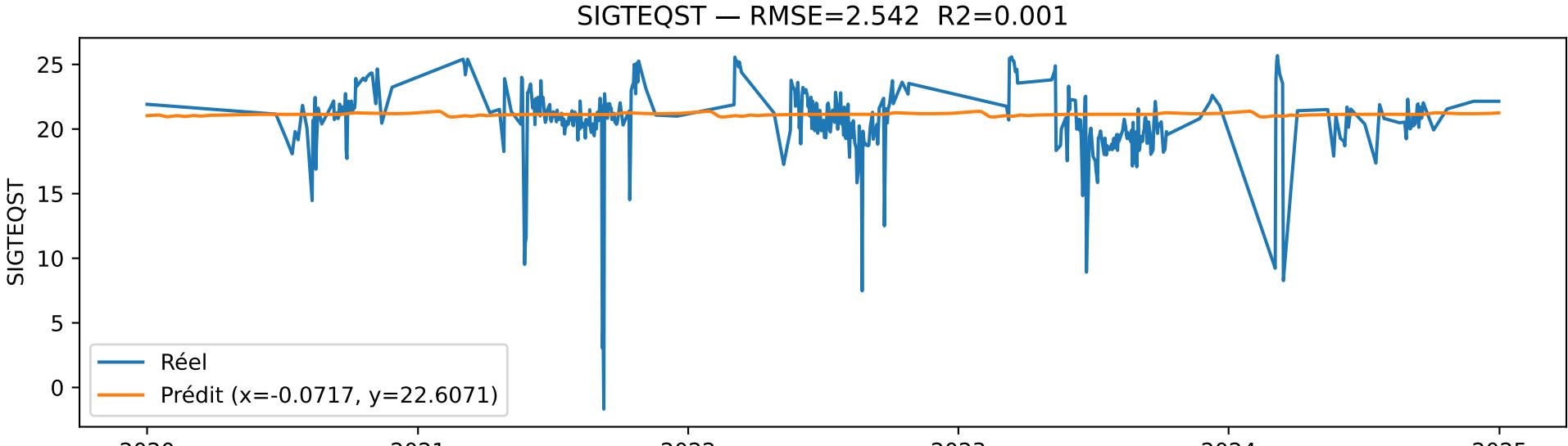
TURBPR01 — RMSE=0.969 R2=0.024



PSALST01 — RMSE=3.074 R2=0.002



SIGTEQST — RMSE=2.542 R2=0.001



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=3.5765, R2=0.6135 ($x=1.054893$, $y=0.495985$, $R2_{opt}=0.613545$)
- CPHLPR01: RMSE=2.1606, R2=0.0007 ($x=0.018969$, $y=0.999214$, $R2_{opt}=0.000660$)
- TURBPR01: RMSE=0.9689, R2=0.0238 ($x=0.356203$, $y=0.689016$, $R2_{opt}=0.023783$)
- PSALST01: RMSE=3.0740, R2=0.0020 ($x=-0.092047$, $y=29.746719$, $R2_{opt}=0.001986$)
- SIGTEQST: RMSE=2.5424, R2=0.0012 ($x=-0.071659$, $y=22.607086$, $R2_{opt}=0.001171$)