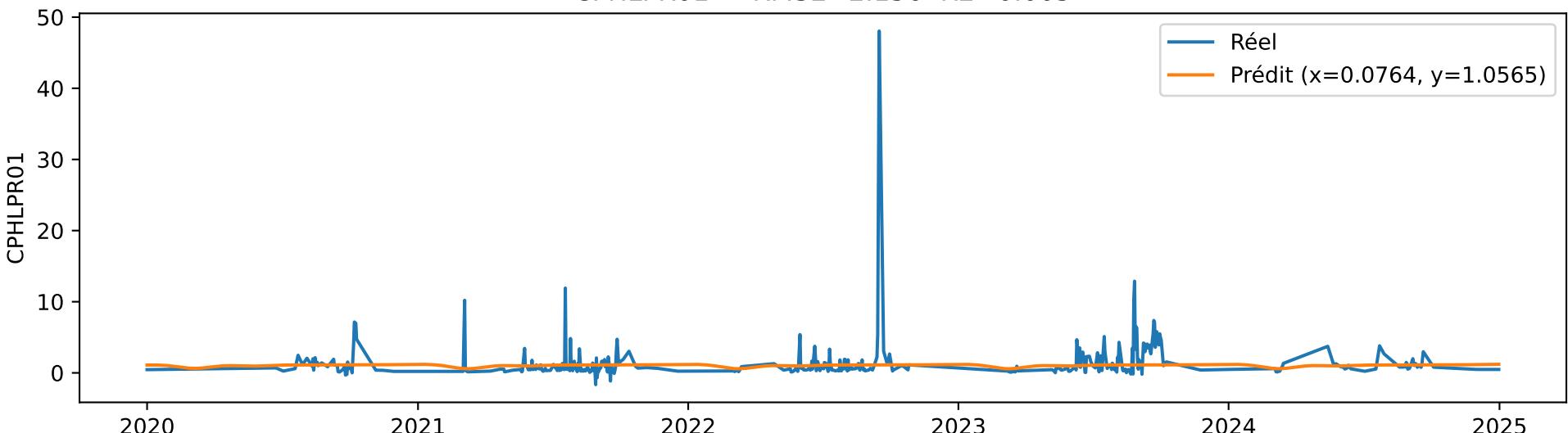
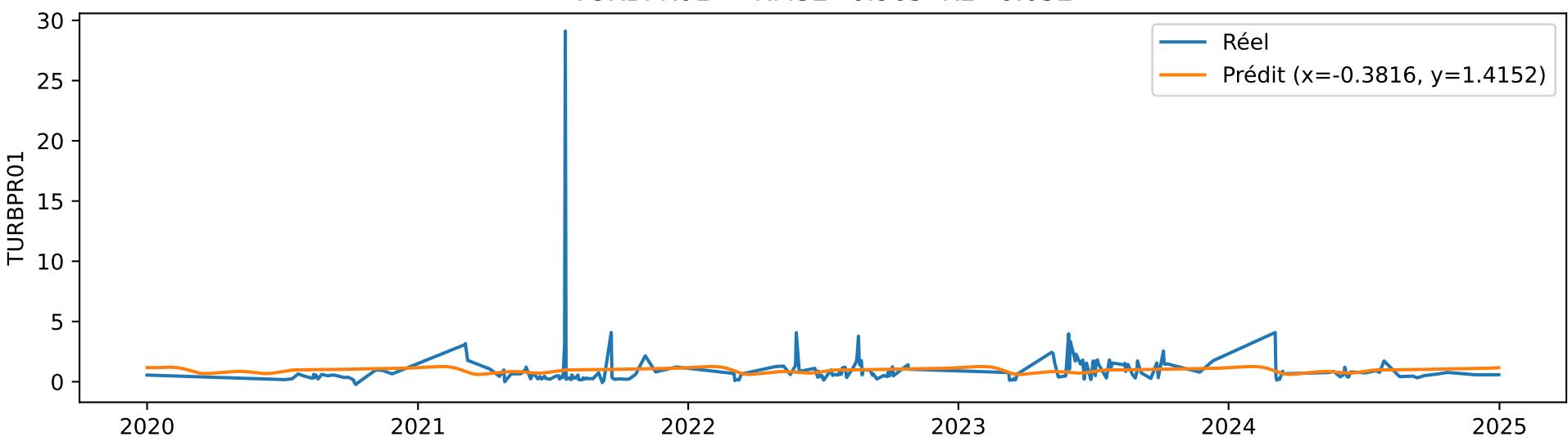


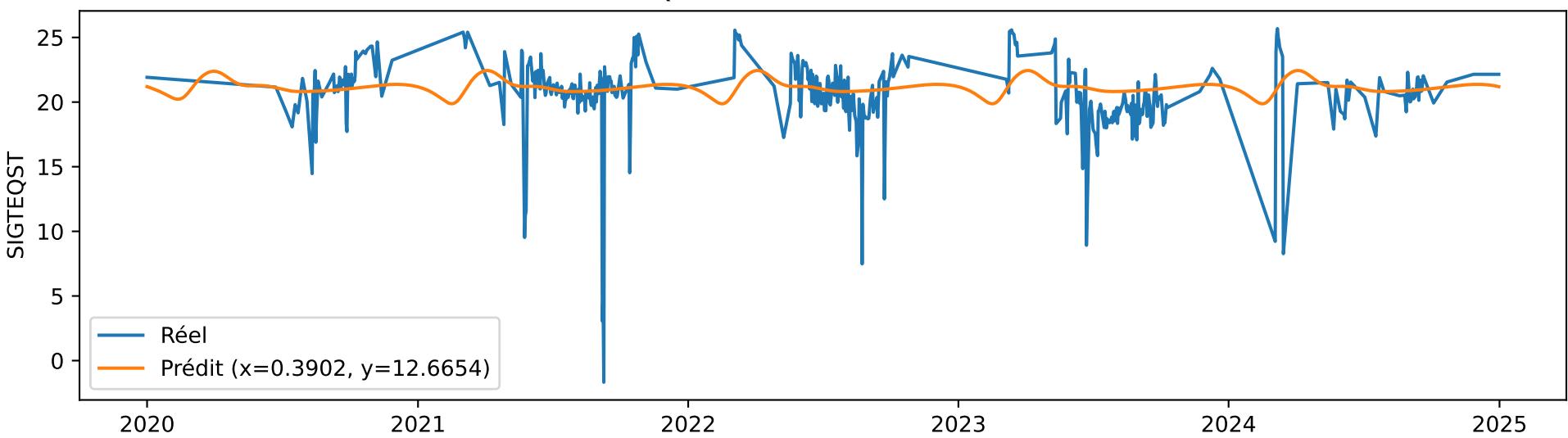
CPHLPR01 — RMSE=2.156 R2=0.005



TURBPR01 — RMSE=0.965 R2=0.032



SIGTEQST — RMSE=2.491 R2=0.041



## 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) :

- CPHLPR01: RMSE=2.1556, R2=0.0052 ( $x=0.076436$ ,  $y=1.056537$ ,  $R2_{opt}=0.005235$ )
- TURBPR01: RMSE=0.9650, R2=0.0317 ( $x=-0.381566$ ,  $y=1.415235$ ,  $R2_{opt}=0.031671$ )
- SIGTEQST: RMSE=2.4914, R2=0.0408 ( $x=0.390202$ ,  $y=12.665405$ ,  $R2_{opt}=0.040823$ )