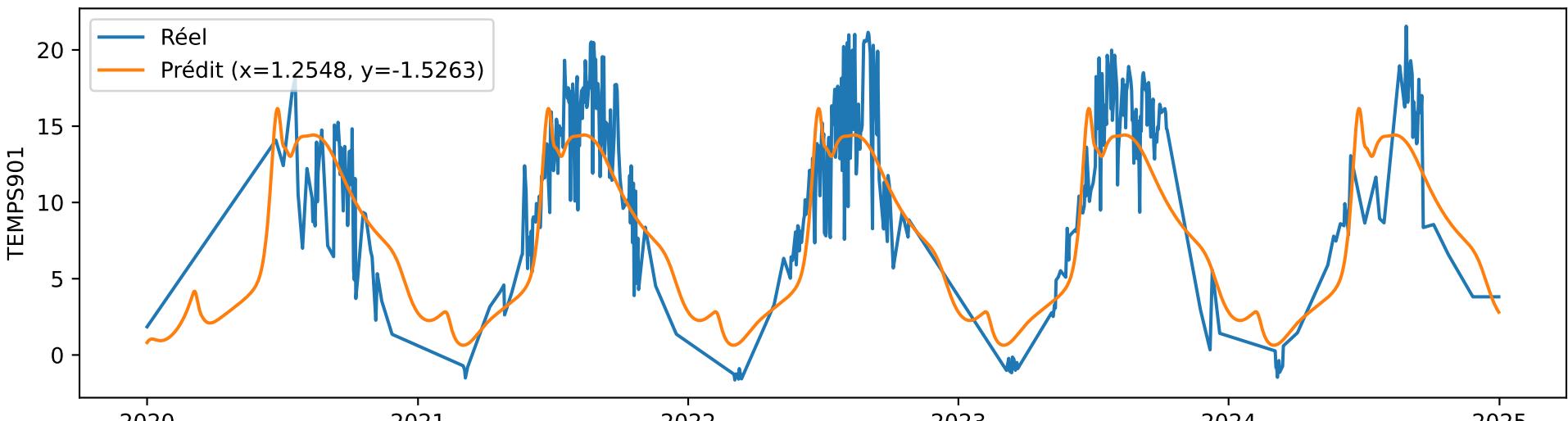
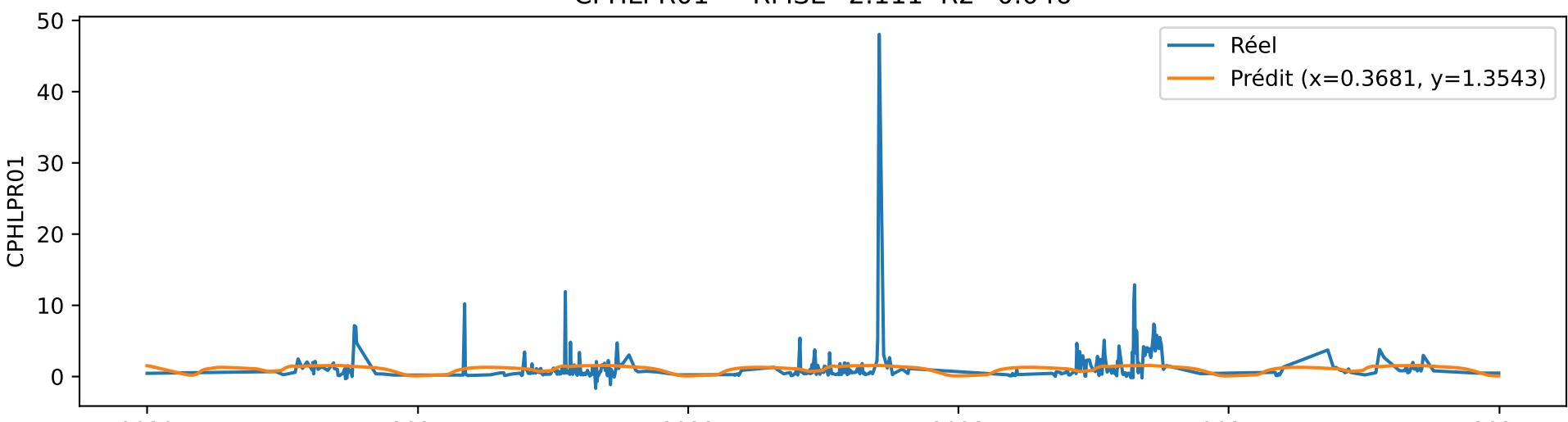


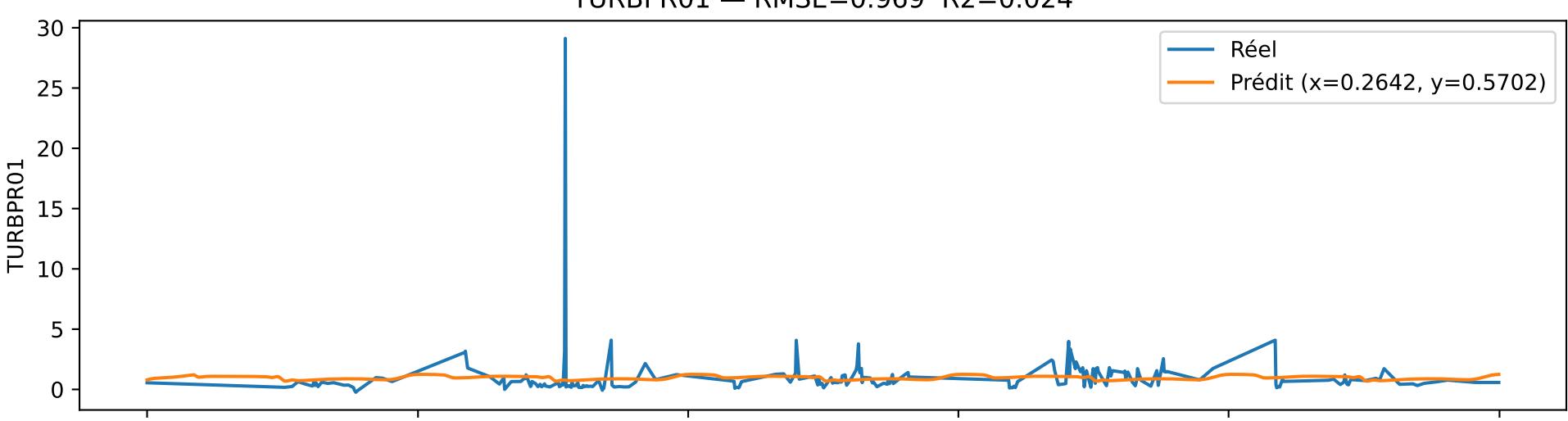
TEMPS901 — RMSE=3.067 R2=0.716



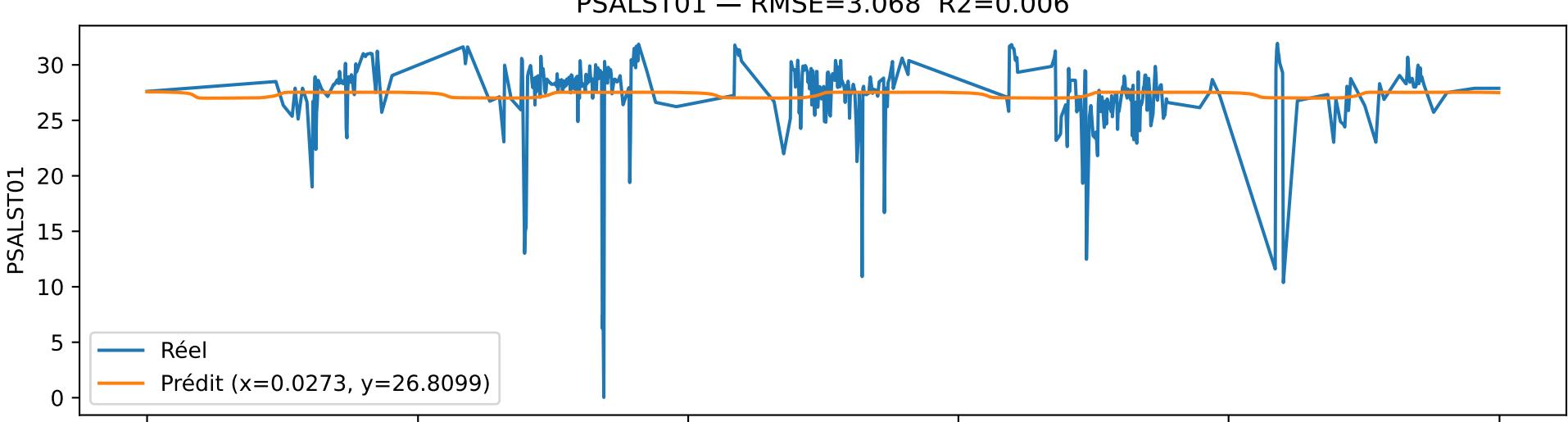
CPHLPR01 — RMSE=2.111 R2=0.046



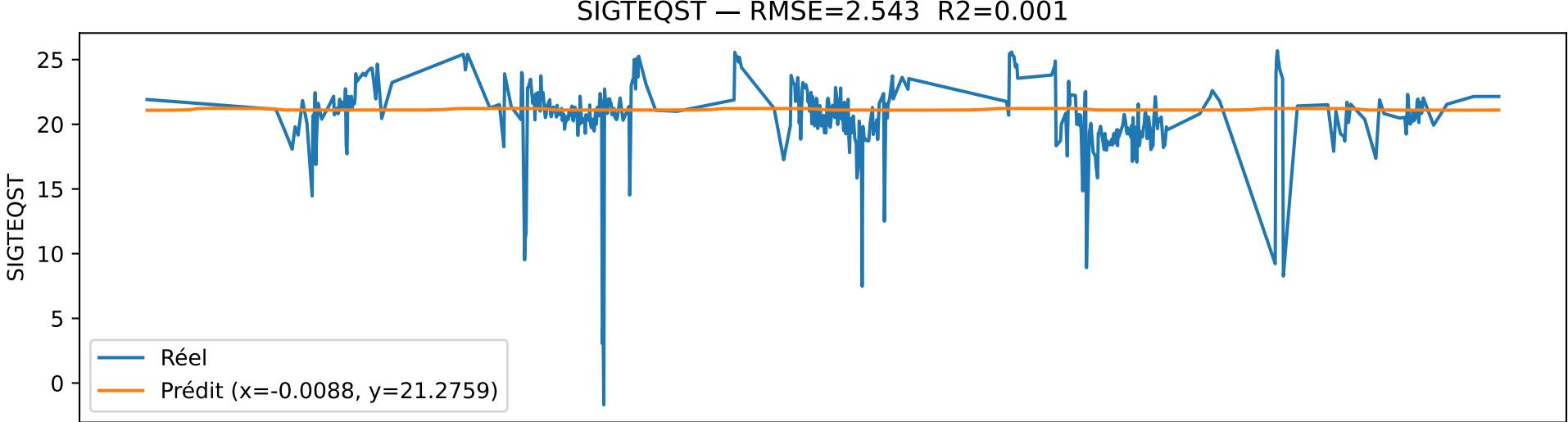
TURBPR01 — RMSE=0.969 R2=0.024



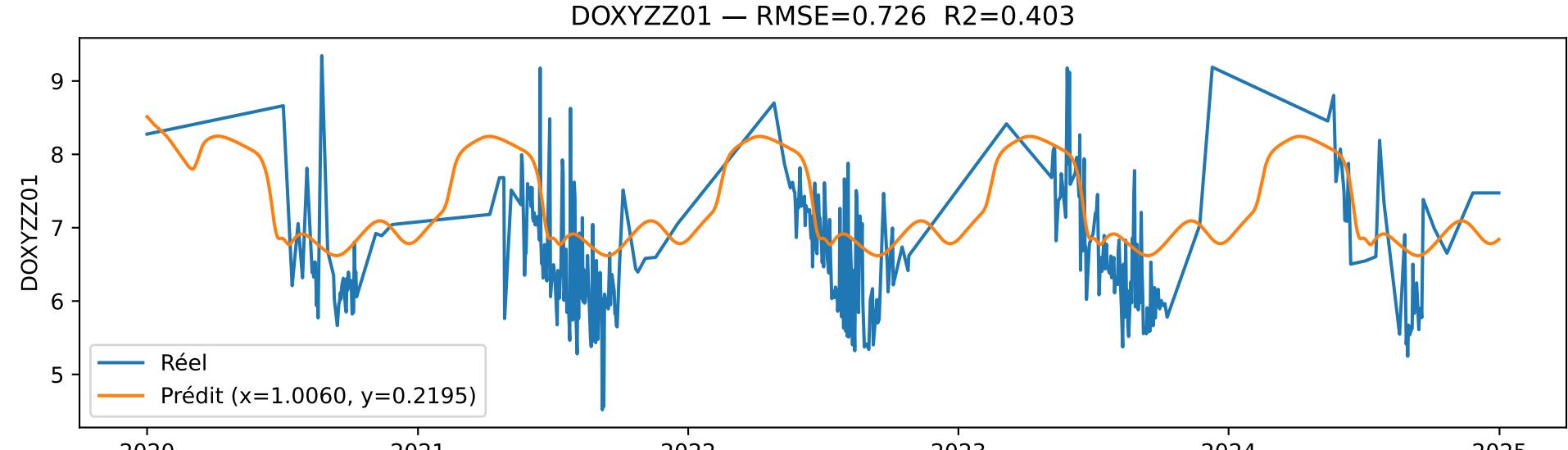
PSALST01 — RMSE=3.068 R2=0.006



SIGTEQST — RMSE=2.543 R2=0.001



DOXYZZ01 — RMSE=0.726 R2=0.403



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=3.0667, R2=0.7159 ($x=1.254773$, $y=-1.526294$, $R2_{opt}=0.715860$)
- CPHLPR01: RMSE=2.1110, R2=0.0460 ($x=0.368063$, $y=1.354257$, $R2_{opt}=0.046019$)
- TURBPR01: RMSE=0.9689, R2=0.0238 ($x=0.264215$, $y=0.570168$, $R2_{opt}=0.023781$)
- PSALST01: RMSE=3.0685, R2=0.0056 ($x=0.027318$, $y=26.809874$, $R2_{opt}=0.005589$)
- SIGTEQST: RMSE=2.5432, R2=0.0005 ($x=-0.008798$, $y=21.275904$, $R2_{opt}=0.000523$)
- DOXYZZ01: RMSE=0.7263, R2=0.4028 ($x=1.006024$, $y=0.219498$, $R2_{opt}=0.402849$)