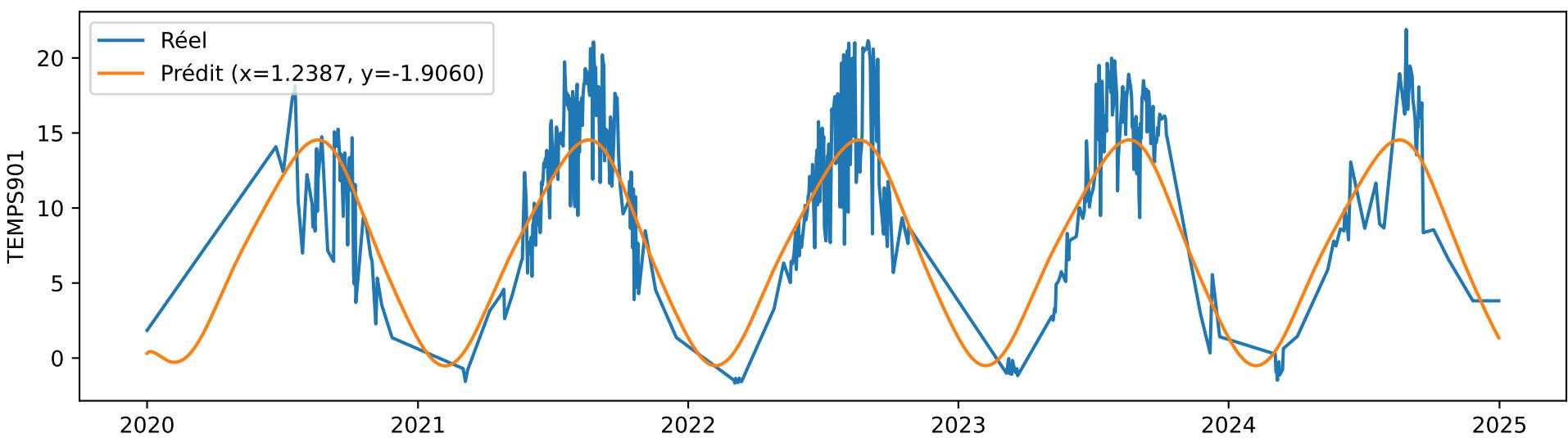
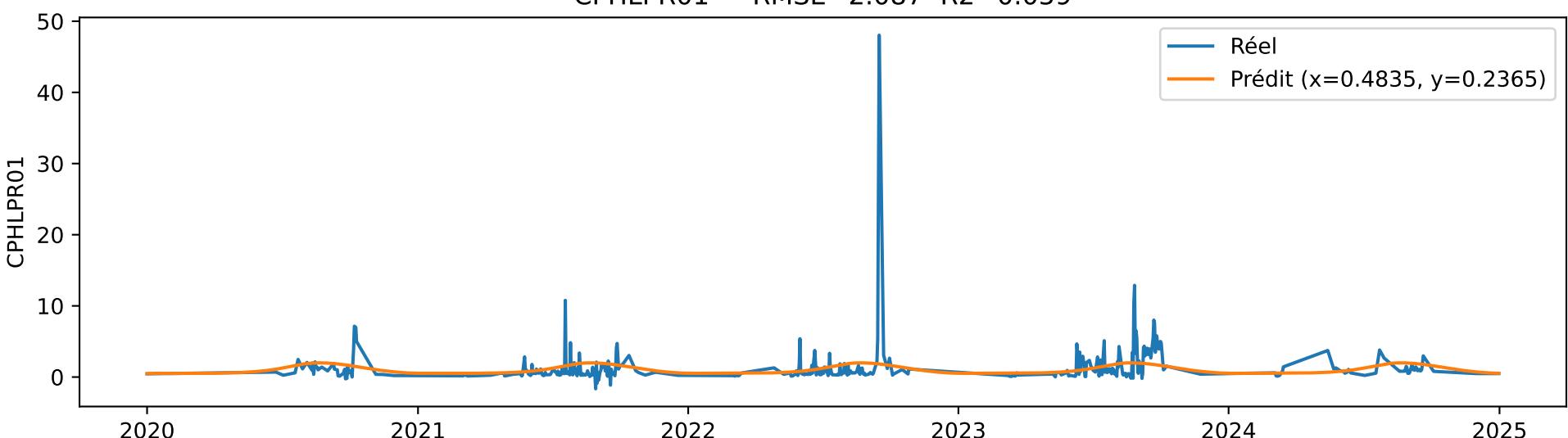


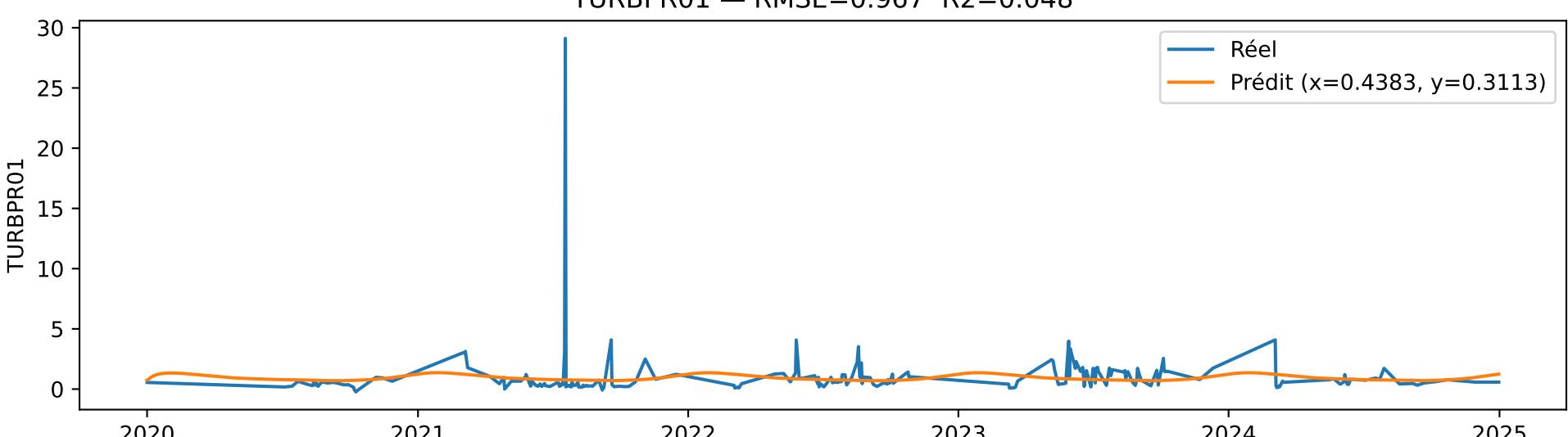
TEMPS901 — RMSE=2.745 R2=0.776



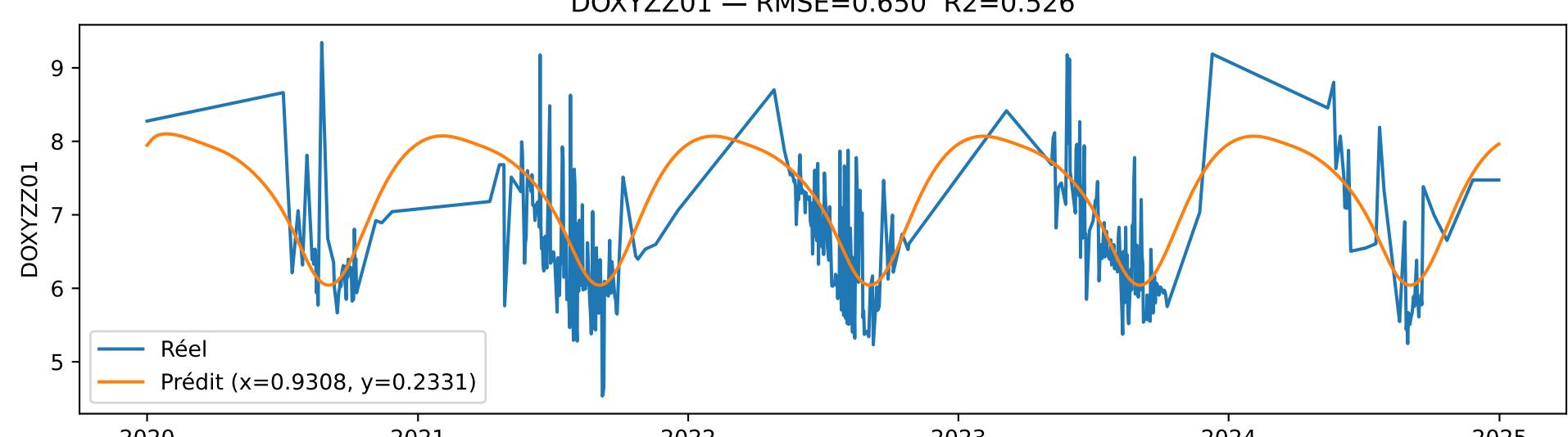
CPHLPR01 — RMSE=2.087 R2=0.059



TURBPR01 — RMSE=0.967 R2=0.048



DOXYZZ01 — RMSE=0.650 R2=0.526



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=2.7449, R2=0.7757 ($x=1.238724$, $y=-1.906006$, $R2_{opt}=0.775736$)
- CPHLPR01: RMSE=2.0874, R2=0.0588 ($x=0.483547$, $y=0.236487$, $R2_{opt}=0.058811$)
- TURBPR01: RMSE=0.9667, R2=0.0475 ($x=0.438294$, $y=0.311294$, $R2_{opt}=0.047535$)
- DOXYZZ01: RMSE=0.6499, R2=0.5263 ($x=0.930796$, $y=0.233114$, $R2_{opt}=0.526302$)