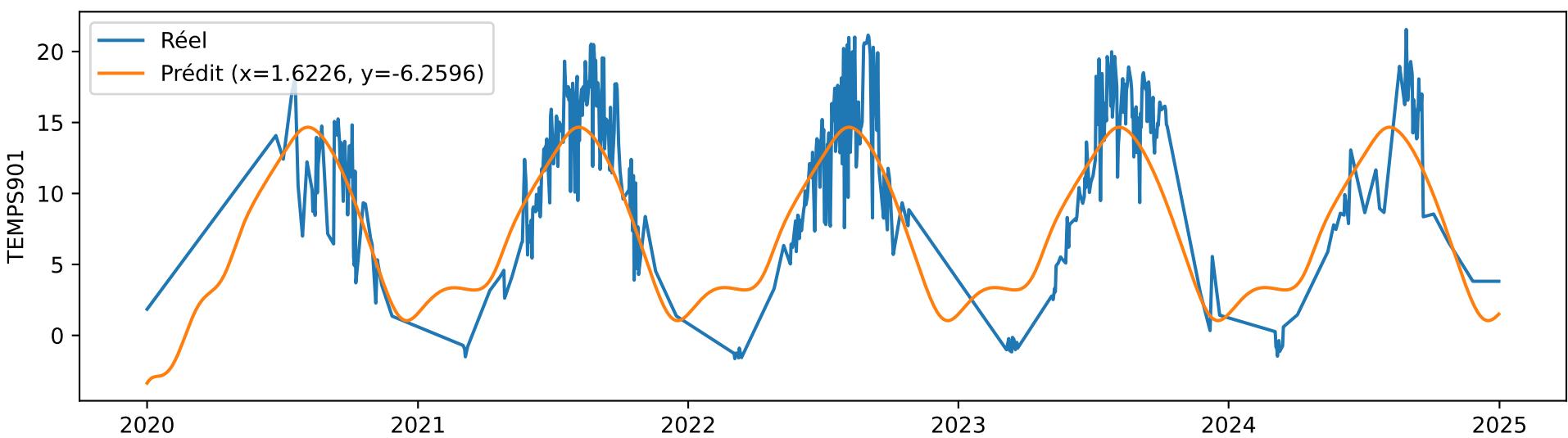
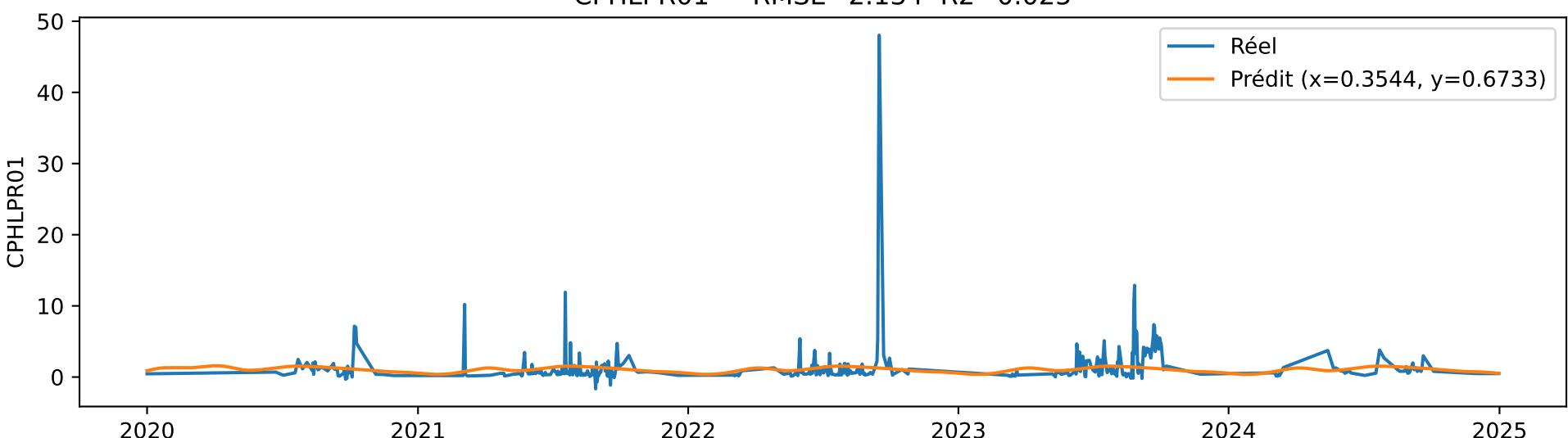


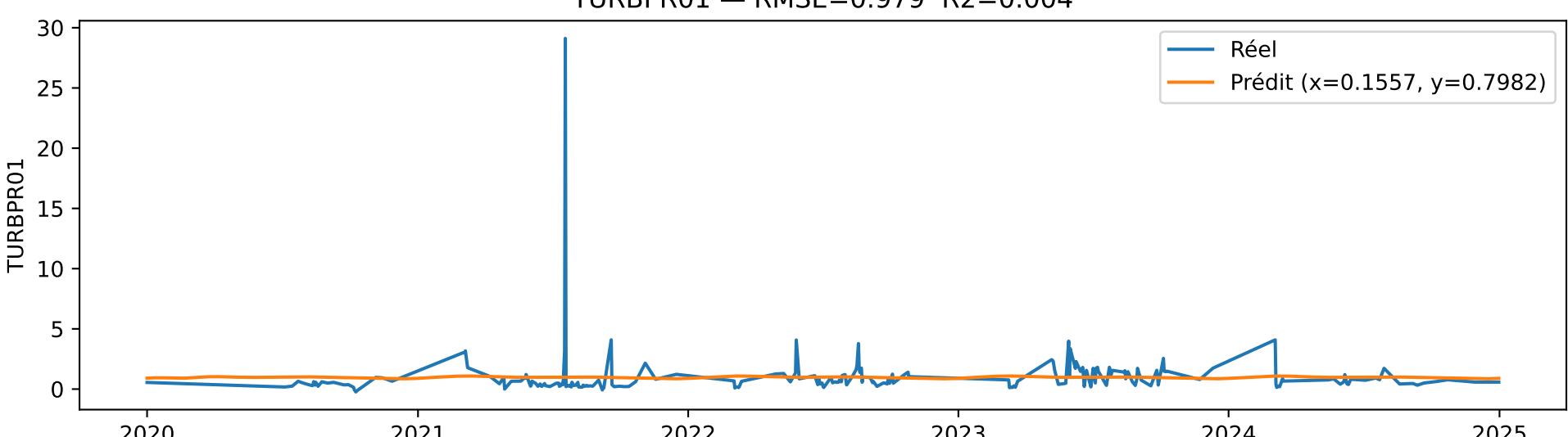
TEMPS901 — RMSE=3.138 R2=0.702



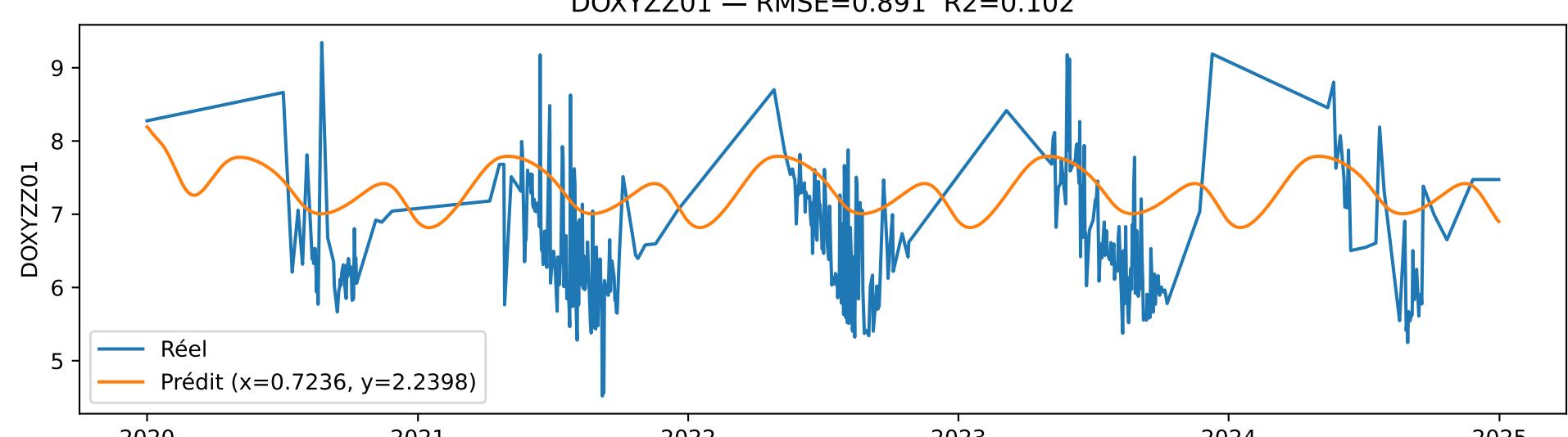
CPHLPR01 — RMSE=2.134 R2=0.025



TURBPR01 — RMSE=0.979 R2=0.004



DOXYZZ01 — RMSE=0.891 R2=0.102



## 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=3.1384, R2=0.7024 ( $x=1.622625$ ,  $y=-6.259649$ ,  $R2_{opt}=0.702425$ )
- CPHLPR01: RMSE=2.1343, R2=0.0248 ( $x=0.354363$ ,  $y=0.673284$ ,  $R2_{opt}=0.024814$ )
- TURBPR01: RMSE=0.9787, R2=0.0039 ( $x=0.155733$ ,  $y=0.798194$ ,  $R2_{opt}=0.003938$ )
- DOXYZZ01: RMSE=0.8908, R2=0.1018 ( $x=0.723557$ ,  $y=2.239752$ ,  $R2_{opt}=0.101761$ )