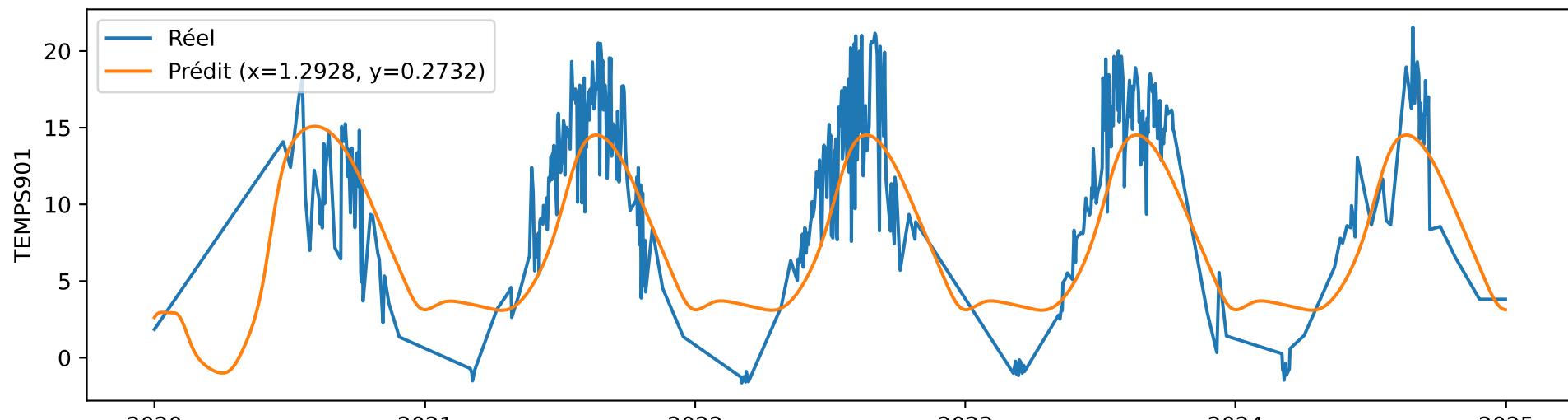
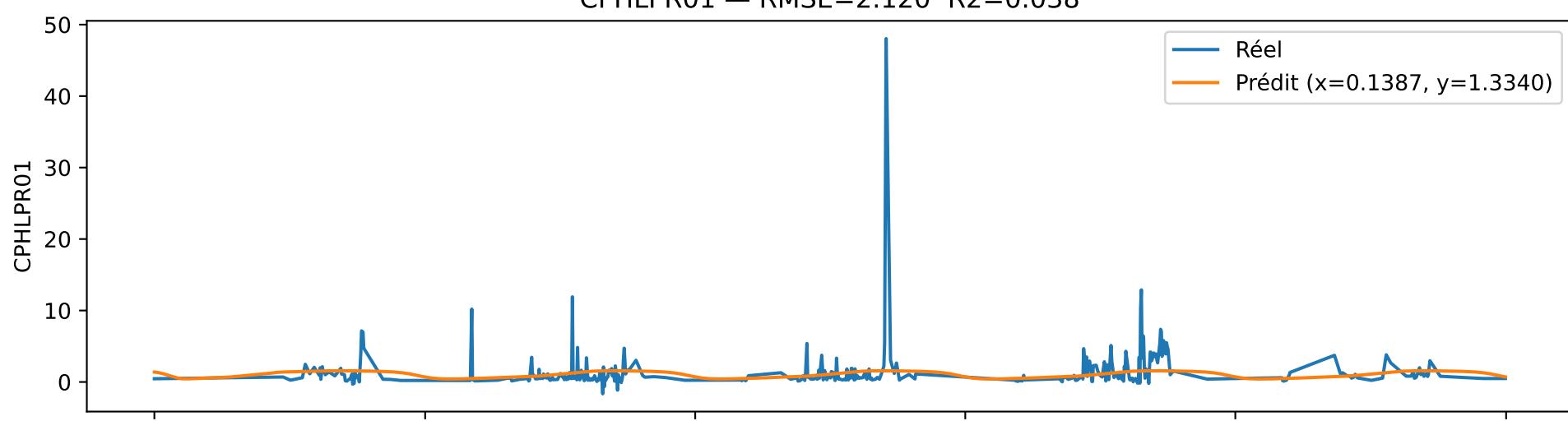


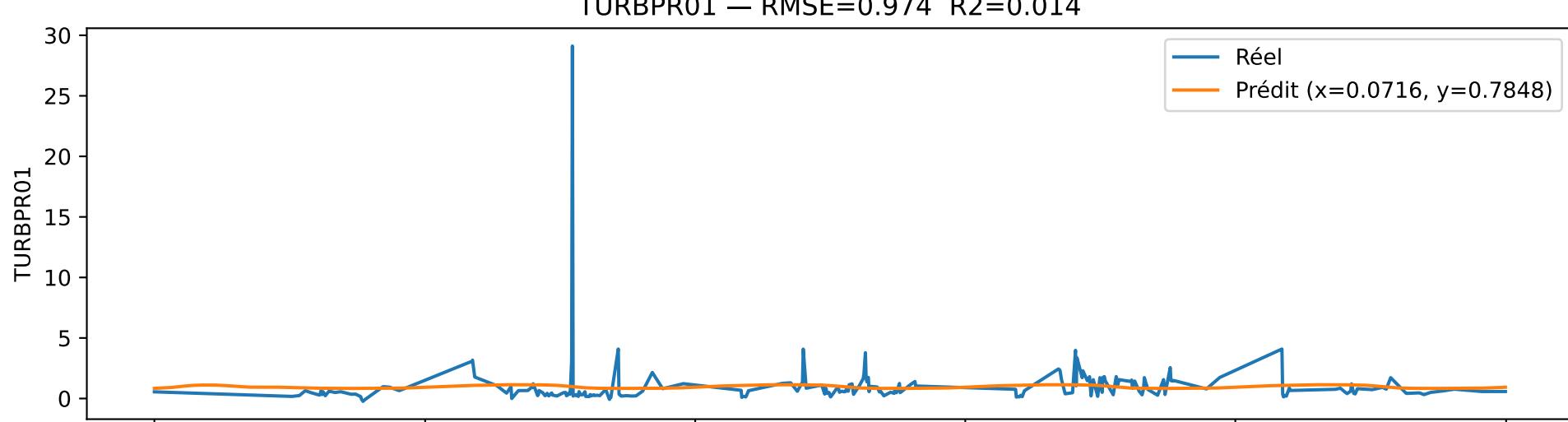
TEMPS901 — RMSE=3.597 R2=0.609



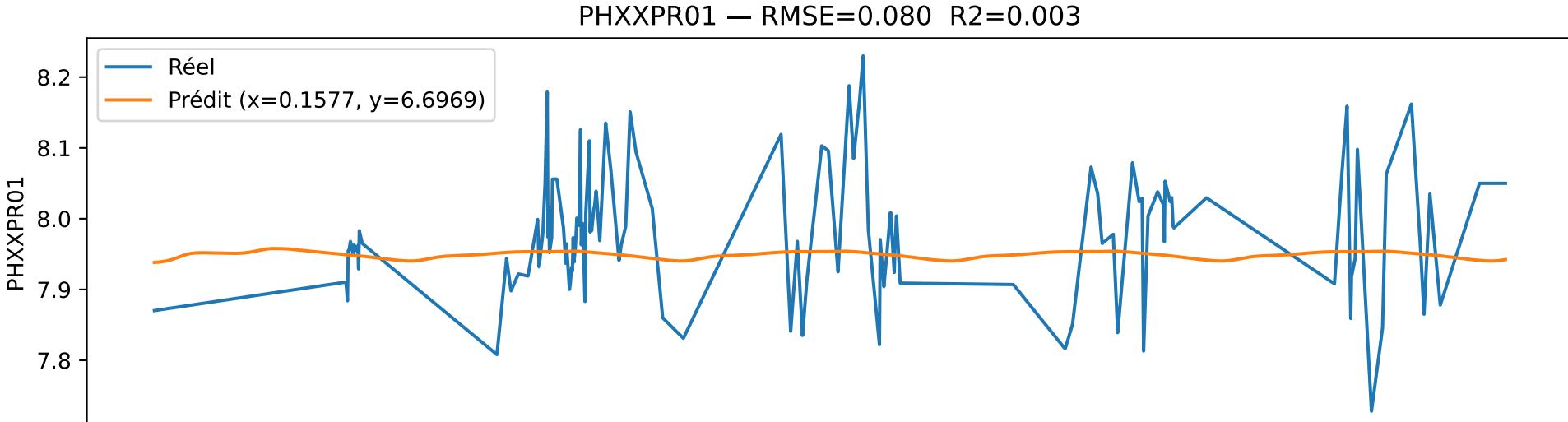
CPHLPR01 — RMSE=2.120 R2=0.038



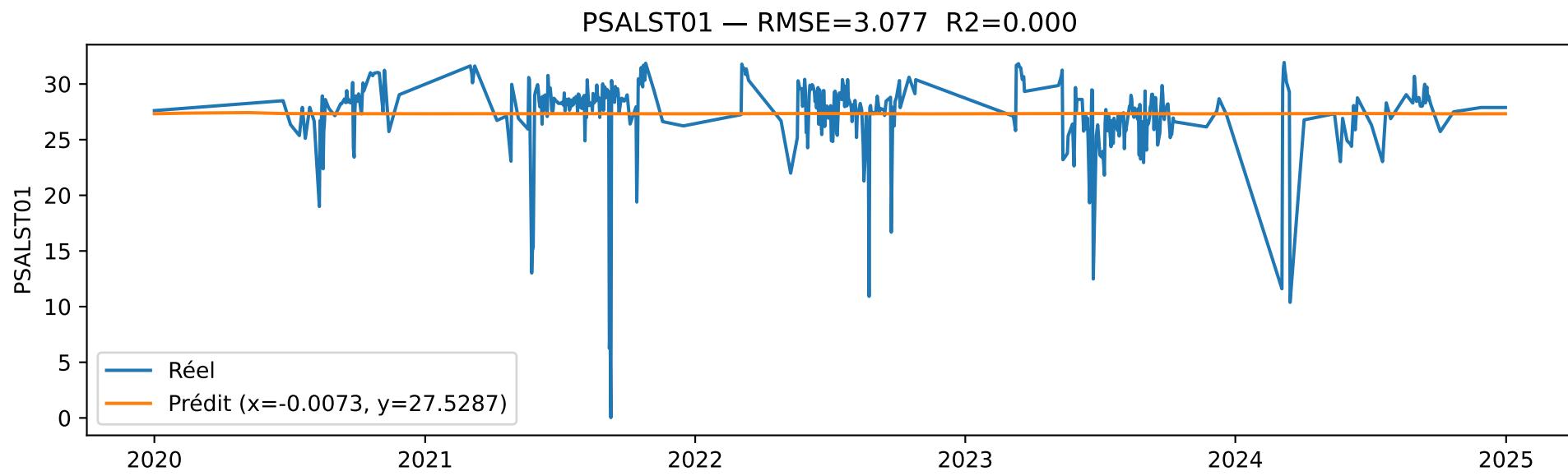
TURBPR01 — RMSE=0.974 R2=0.014



PHXXPR01 — RMSE=0.080 R2=0.003



PSALST01 — RMSE=3.077 R2=0.000



## 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=3.5967, R2=0.6092 ( $x=1.292760$ ,  $y=0.273189$ ,  $R2_{opt}=0.609174$ )
- CPHLPR01: RMSE=2.1198, R2=0.0380 ( $x=0.138715$ ,  $y=1.334017$ ,  $R2_{opt}=0.037974$ )
- TURBPR01: RMSE=0.9738, R2=0.0140 ( $x=0.071558$ ,  $y=0.784798$ ,  $R2_{opt}=0.014010$ )
- PHXXPR01: RMSE=0.0797, R2=0.0034 ( $x=0.157698$ ,  $y=6.696926$ ,  $R2_{opt}=0.003414$ )
- PSALST01: RMSE=3.0770, R2=0.0001 ( $x=-0.007340$ ,  $y=27.528714$ ,  $R2_{opt}=0.000051$ )