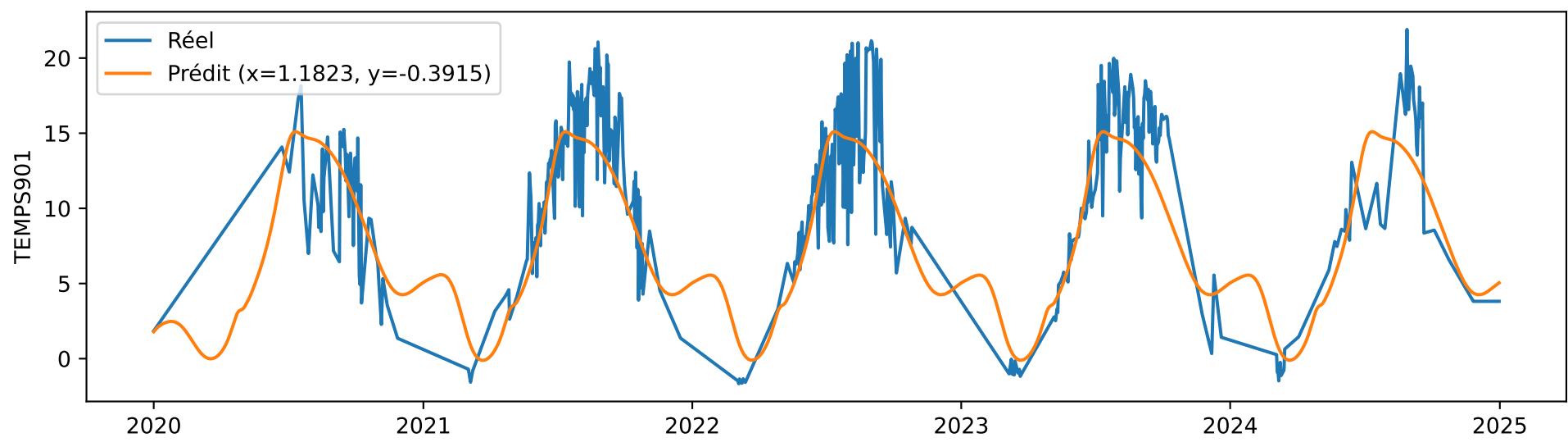
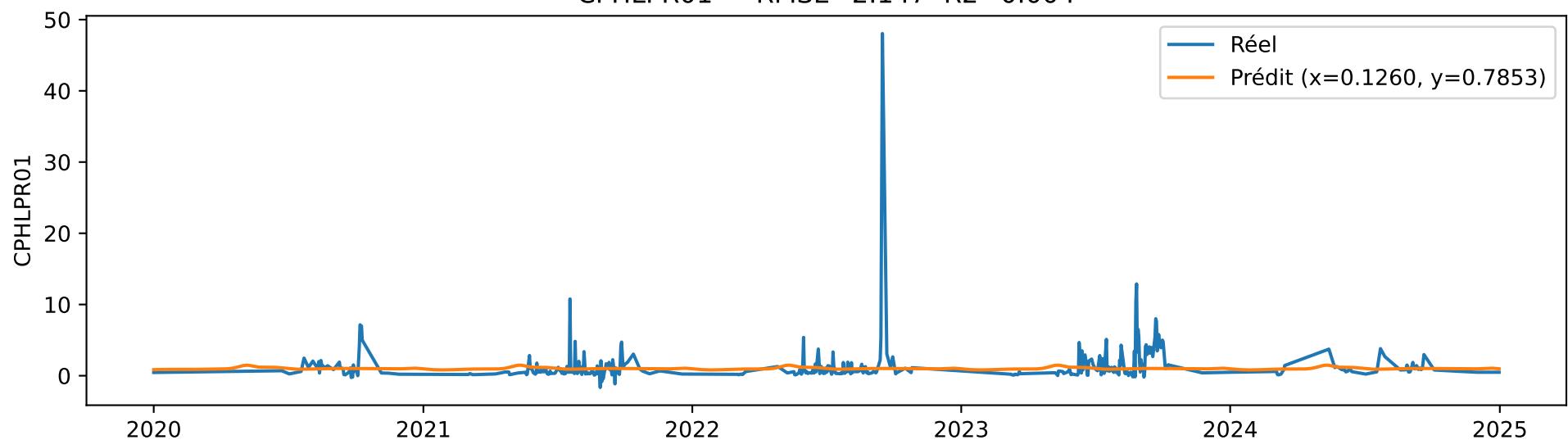


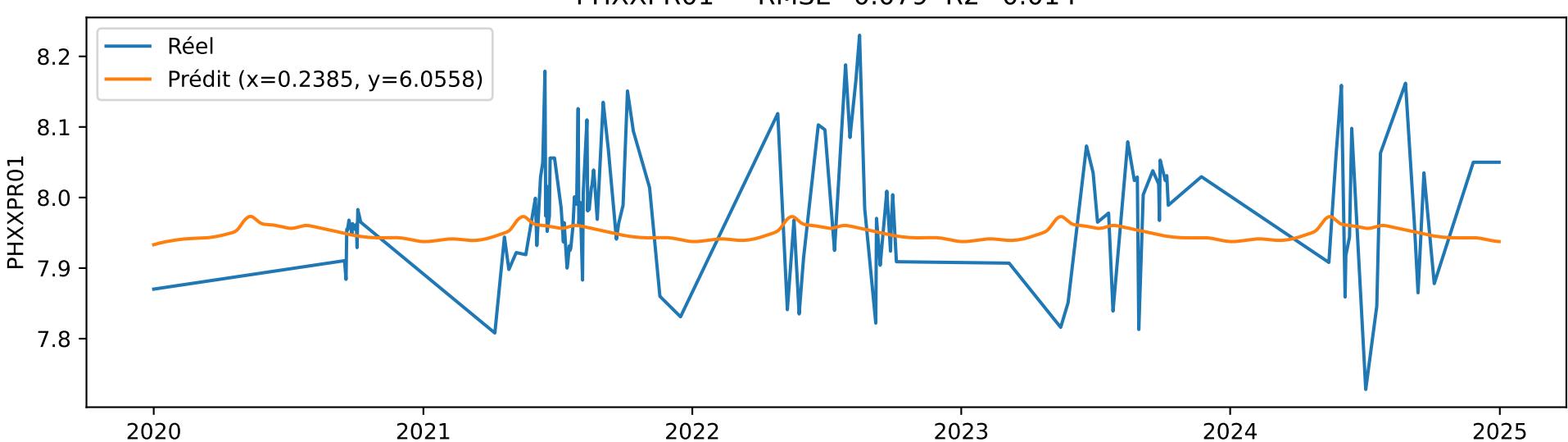
TEMPS901 — RMSE=3.286 R2=0.679



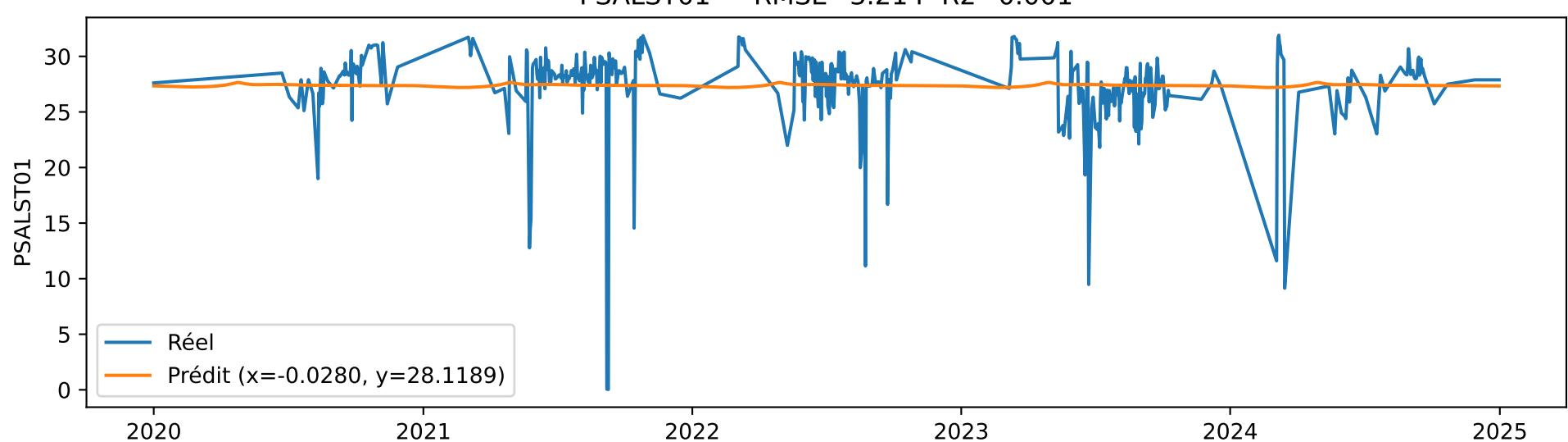
CPHLPR01 — RMSE=2.147 R2=0.004



PHXXPR01 — RMSE=0.079 R2=0.014



PSALST01 — RMSE=3.214 R2=0.001



## 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=3.2861, R2=0.6786 ( $x=1.182343$ ,  $y=-0.391505$ ,  $R^2_{opt}=0.678590$ )
- CPHLPR01: RMSE=2.1474, R2=0.0039 ( $x=0.126028$ ,  $y=0.785307$ ,  $R^2_{opt}=0.003935$ )
- PHXXPR01: RMSE=0.0794, R2=0.0137 ( $x=0.238467$ ,  $y=6.055806$ ,  $R^2_{opt}=0.013702$ )
- PSALST01: RMSE=3.2139, R2=0.0008 ( $x=-0.028013$ ,  $y=28.118927$ ,  $R^2_{opt}=0.000848$ )