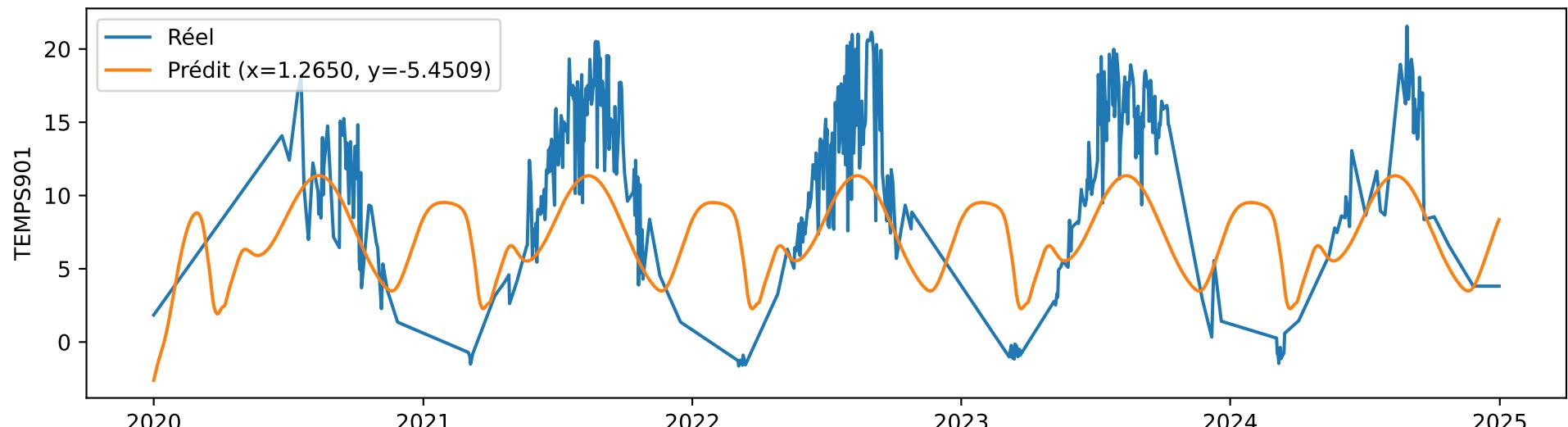
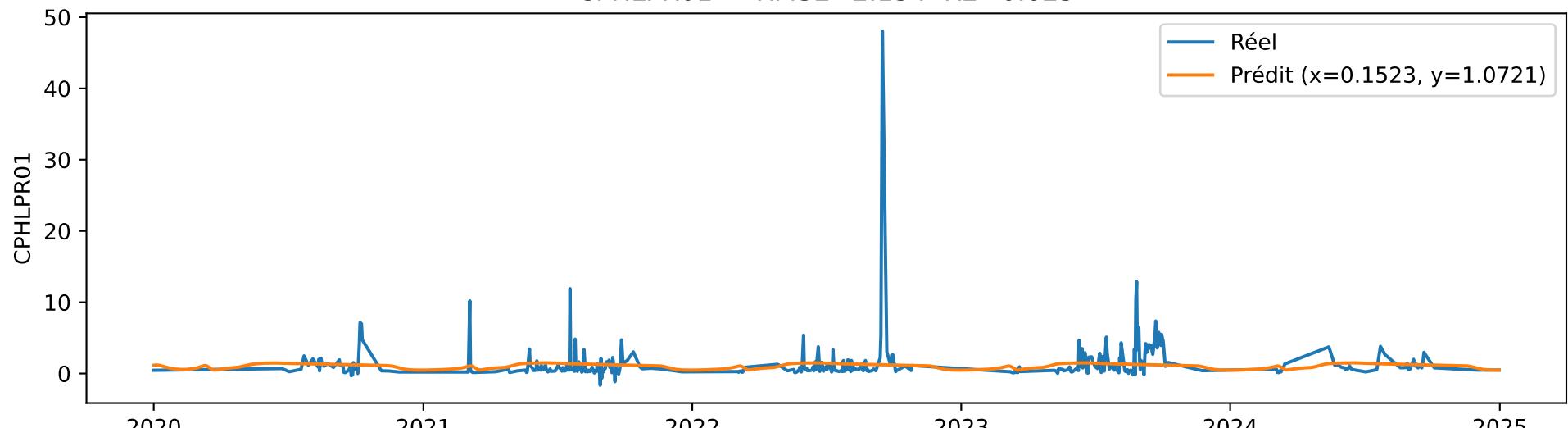


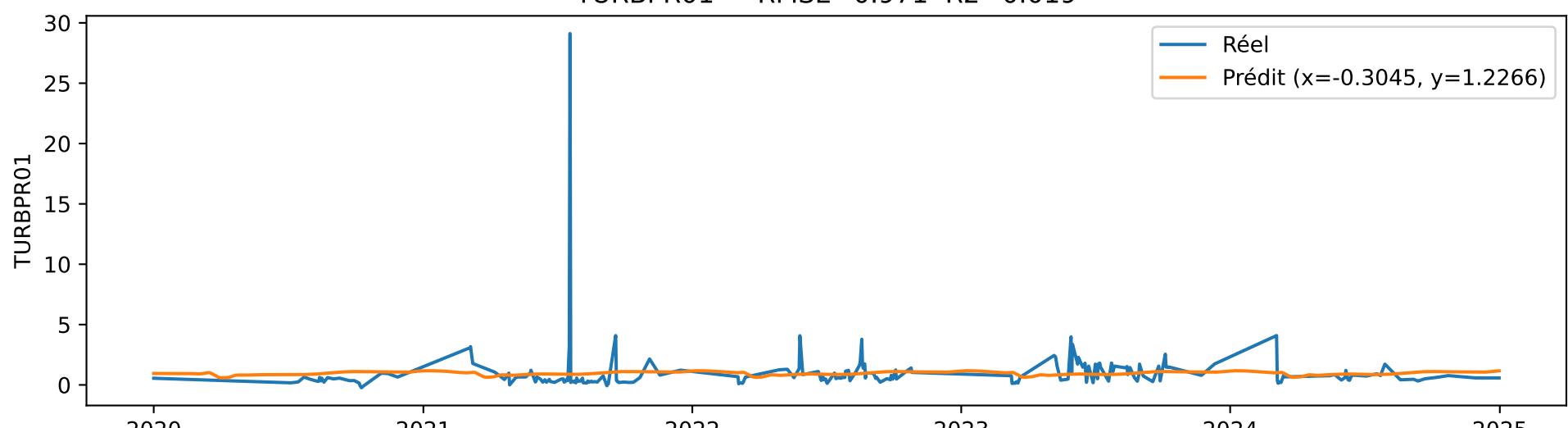
TEMPS901 — RMSE=5.095 R2=0.216



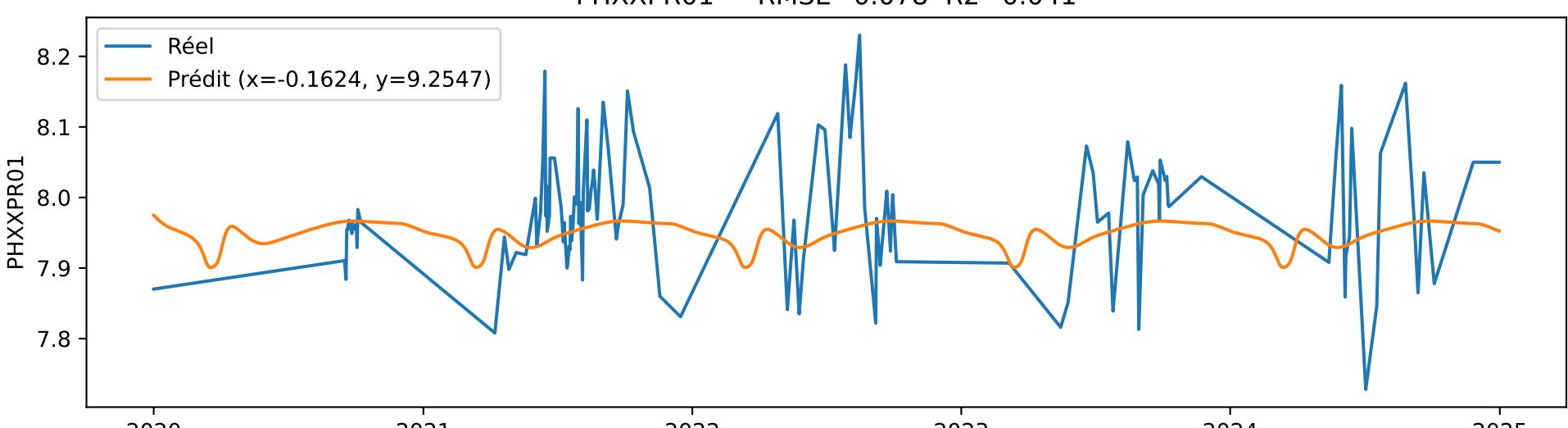
CPHLPR01 — RMSE=2.134 R2=0.025



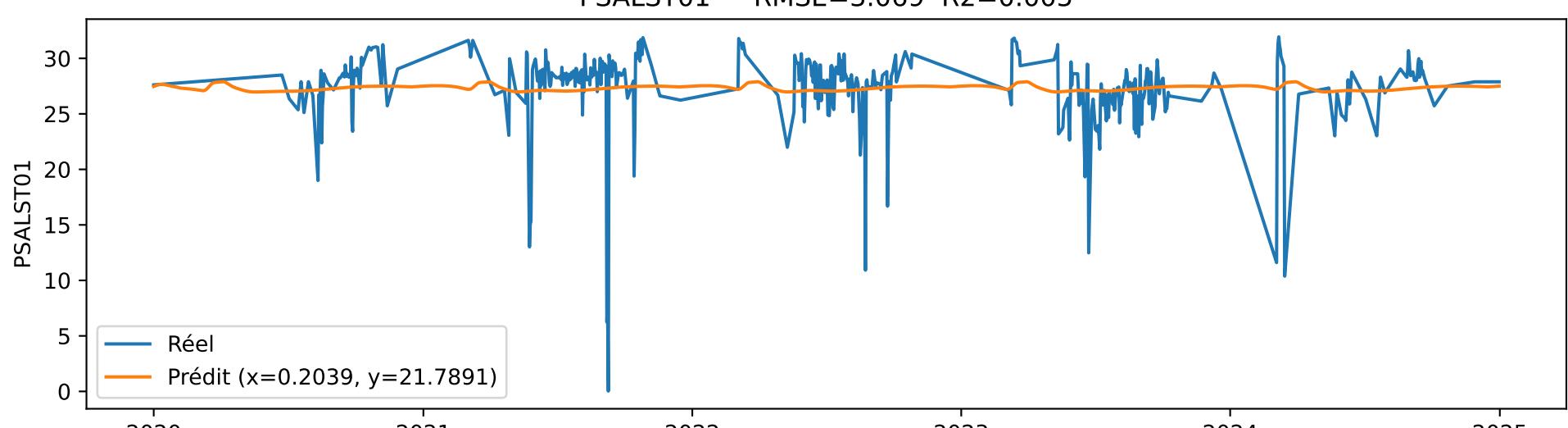
TURBPR01 — RMSE=0.971 R2=0.019



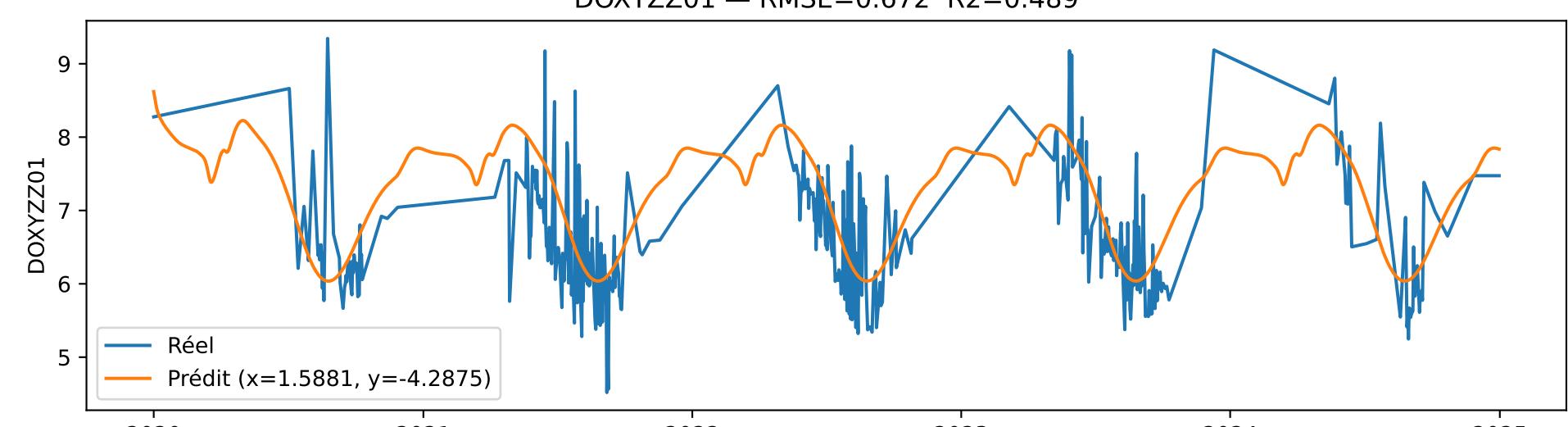
PHXXPR01 — RMSE=0.078 R2=0.041



PSALST01 — RMSE=3.069 R2=0.005



DOXYZZ01 — RMSE=0.672 R2=0.489



## 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=5.0946, R2=0.2158 ( $x=1.265001$ ,  $y=-5.450859$ ,  $R2_{opt}=0.215827$ )
- CPHLPR01: RMSE=2.1345, R2=0.0247 ( $x=0.152256$ ,  $y=1.072141$ ,  $R2_{opt}=0.024673$ )
- TURBPR01: RMSE=0.9712, R2=0.0192 ( $x=-0.304524$ ,  $y=1.226562$ ,  $R2_{opt}=0.019222$ )
- PHXXPR01: RMSE=0.0782, R2=0.0410 ( $x=-0.162376$ ,  $y=9.254707$ ,  $R2_{opt}=0.040977$ )
- PSALST01: RMSE=3.0687, R2=0.0054 ( $x=0.203910$ ,  $y=21.789113$ ,  $R2_{opt}=0.005414$ )
- DOXYZZ01: RMSE=0.6717, R2=0.4893 ( $x=1.588080$ ,  $y=-4.287519$ ,  $R2_{opt}=0.489266$ )