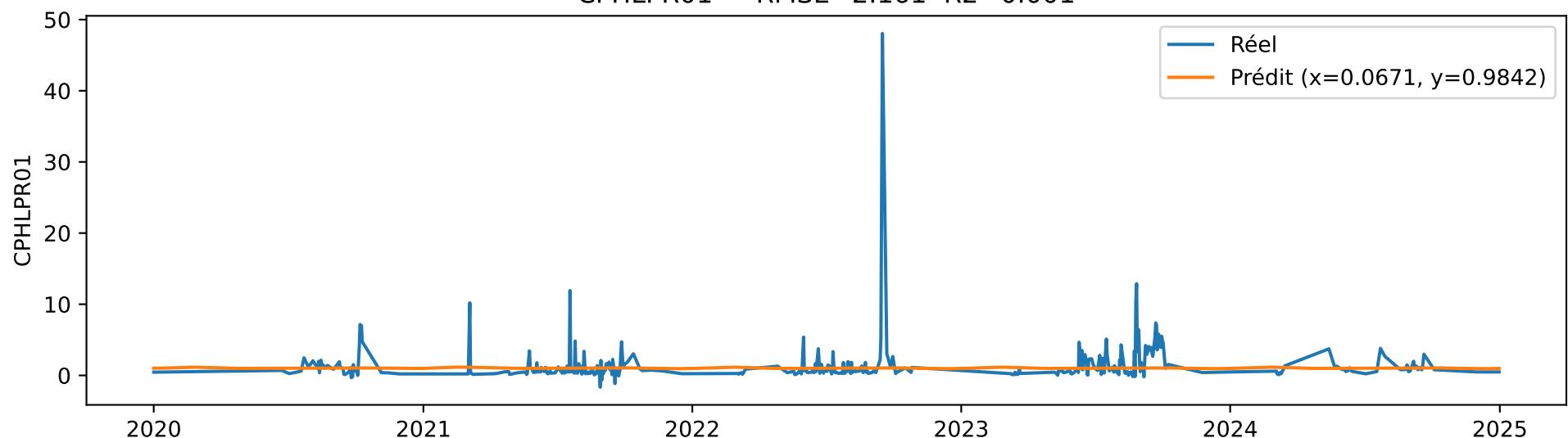
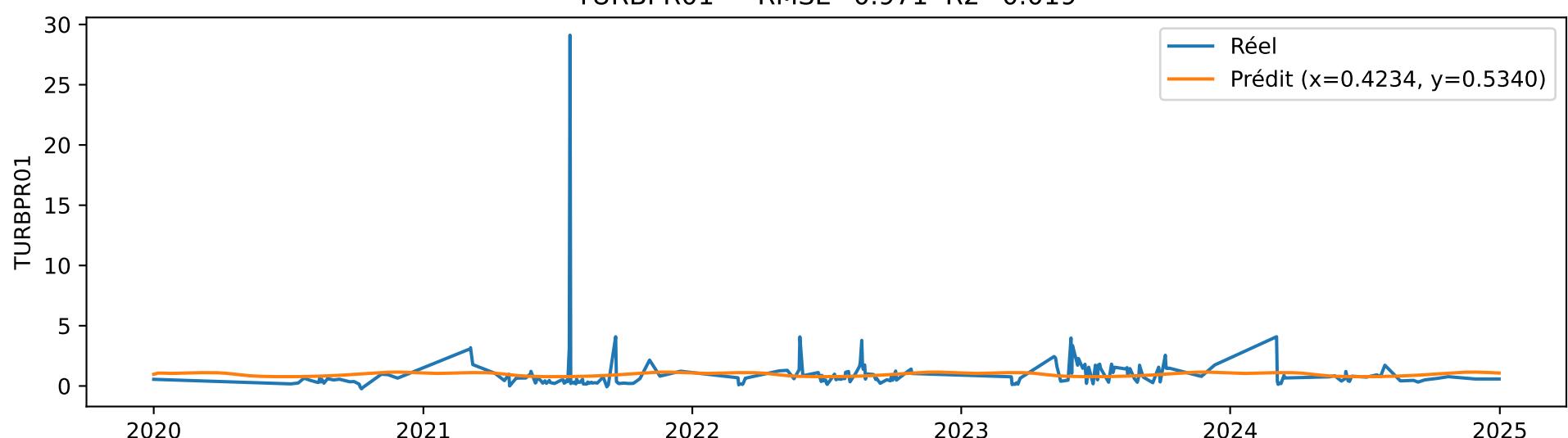


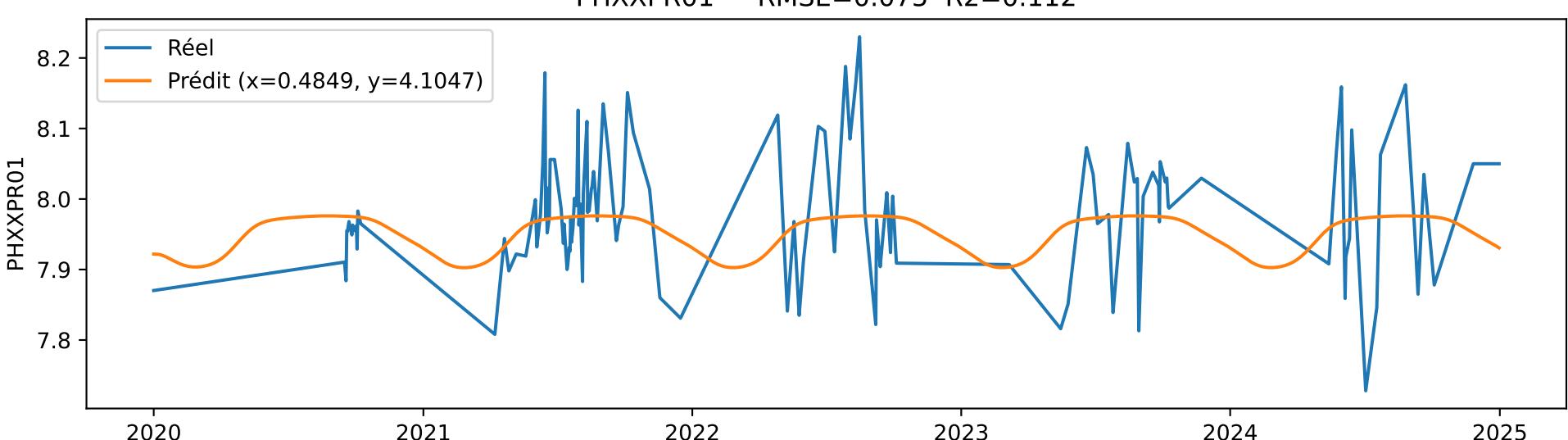
CPHLPR01 — RMSE=2.161 R2=0.001



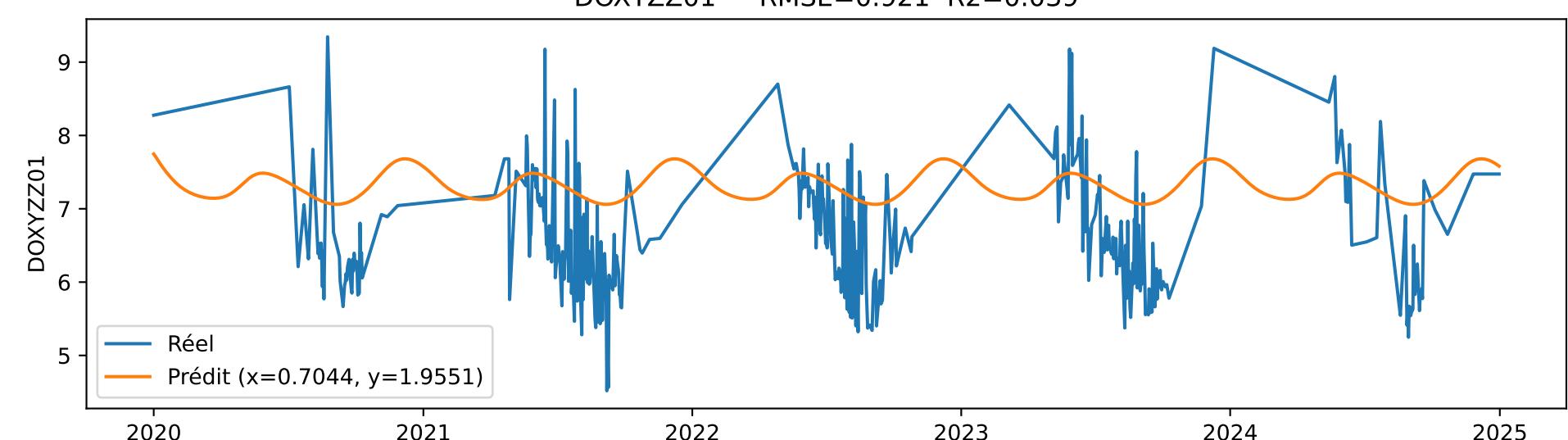
TURBPR01 — RMSE=0.971 R2=0.019



PHXXPR01 — RMSE=0.075 R2=0.112



DOXYZZ01 — RMSE=0.921 R2=0.039



## 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) :

- CPHLPR01: RMSE=2.1606, R2=0.0006 ( $x=0.067091$ ,  $y=0.984214$ ,  $R2_{opt}=0.000599$ )
- TURBPR01: RMSE=0.9713, R2=0.0190 ( $x=0.423368$ ,  $y=0.534022$ ,  $R2_{opt}=0.019030$ )
- PHXXPR01: RMSE=0.0752, R2=0.1124 ( $x=0.484941$ ,  $y=4.104672$ ,  $R2_{opt}=0.112391$ )
- DOXYZZ01: RMSE=0.9212, R2=0.0394 ( $x=0.704412$ ,  $y=1.955141$ ,  $R2_{opt}=0.039434$ )