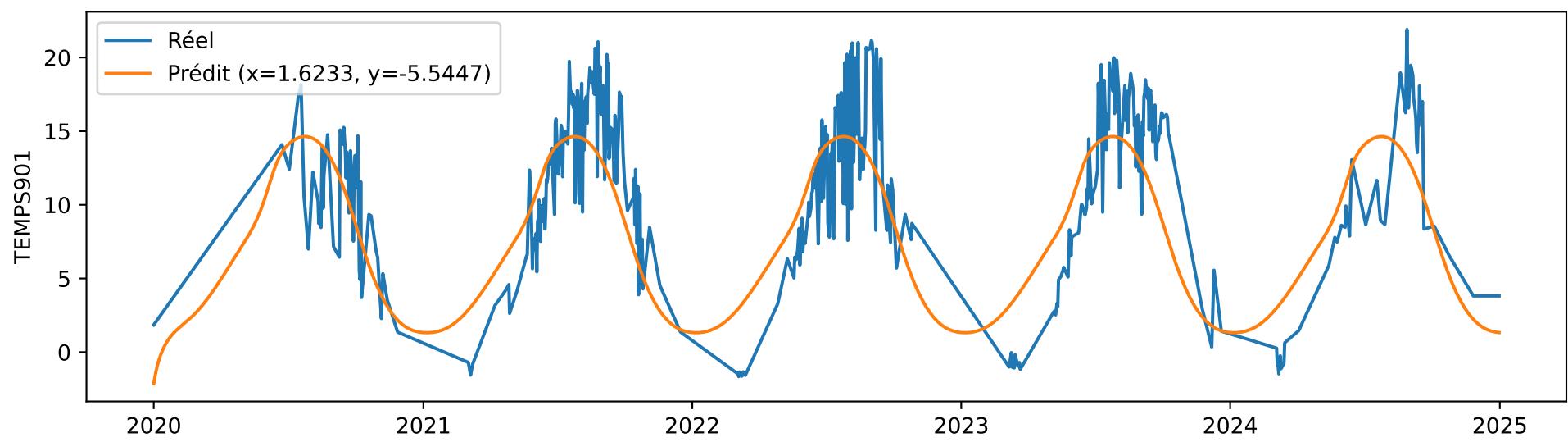
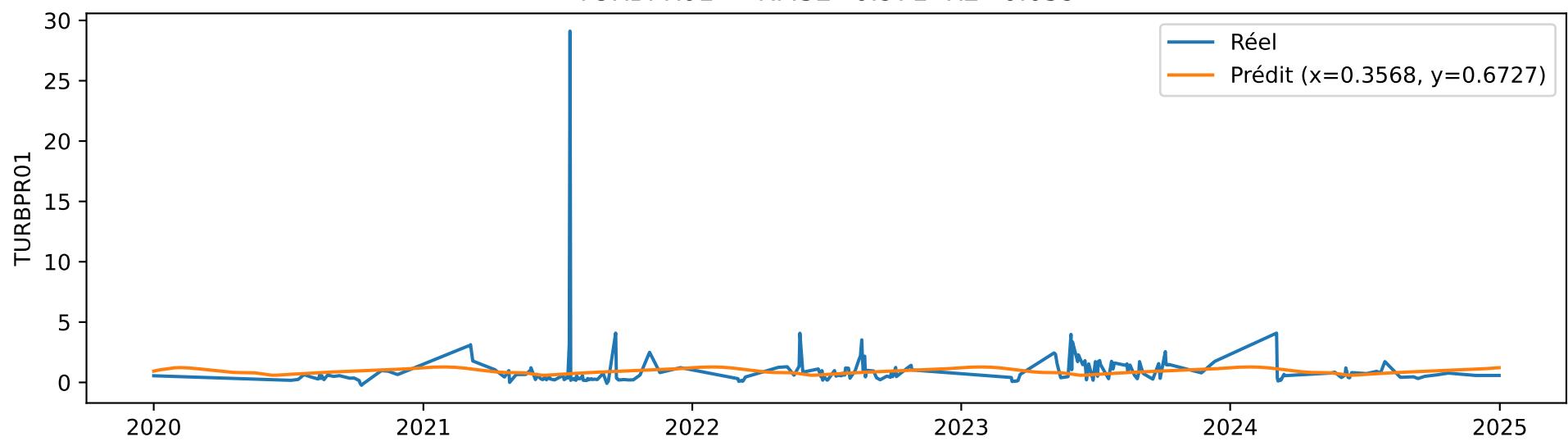


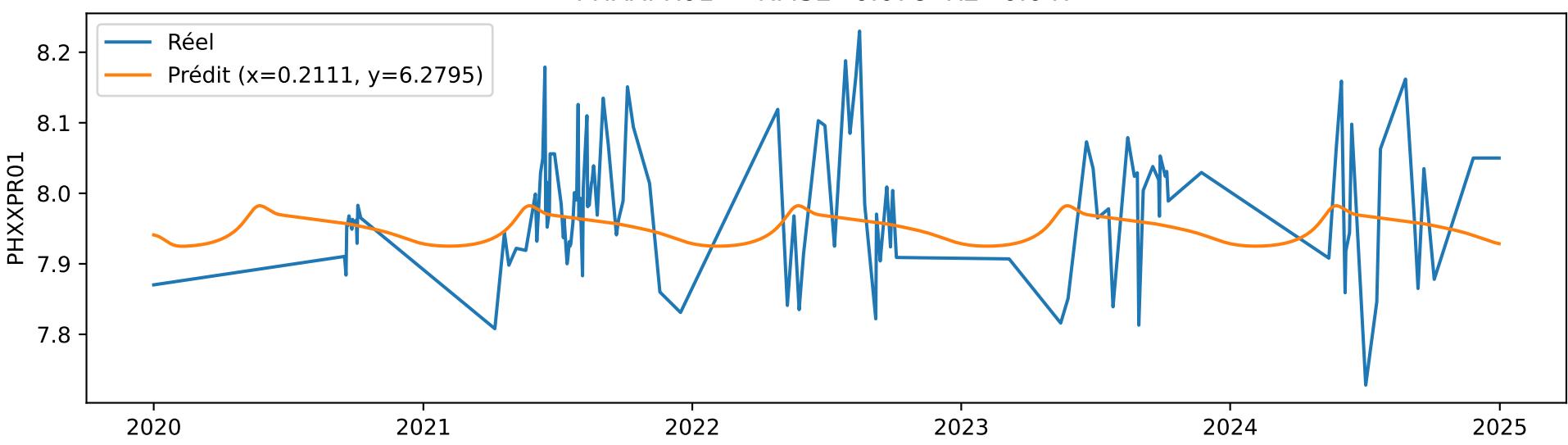
TEMPS901 — RMSE=3.240 R2=0.687



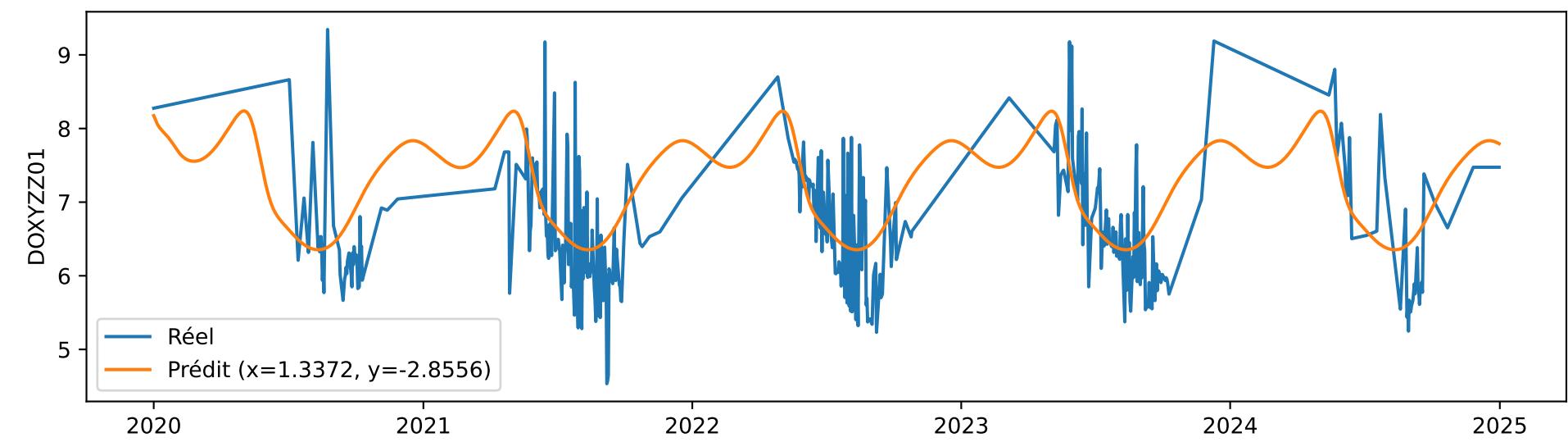
TURBPR01 — RMSE=0.971 R2=0.039



PHXXPR01 — RMSE=0.078 R2=0.047



DOXYZZ01 — RMSE=0.747 R2=0.374



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=3.2403, R2=0.6875 ($x=1.623253$, $y=-5.544704$, $R^2_{opt}=0.687494$)
- TURBPR01: RMSE=0.9711, R2=0.0388 ($x=0.356847$, $y=0.672656$, $R^2_{opt}=0.038811$)
- PHXXPR01: RMSE=0.0781, R2=0.0466 ($x=0.211125$, $y=6.279492$, $R^2_{opt}=0.046563$)
- DOXYZZ01: RMSE=0.7469, R2=0.3742 ($x=1.337207$, $y=-2.855608$, $R^2_{opt}=0.374184$)