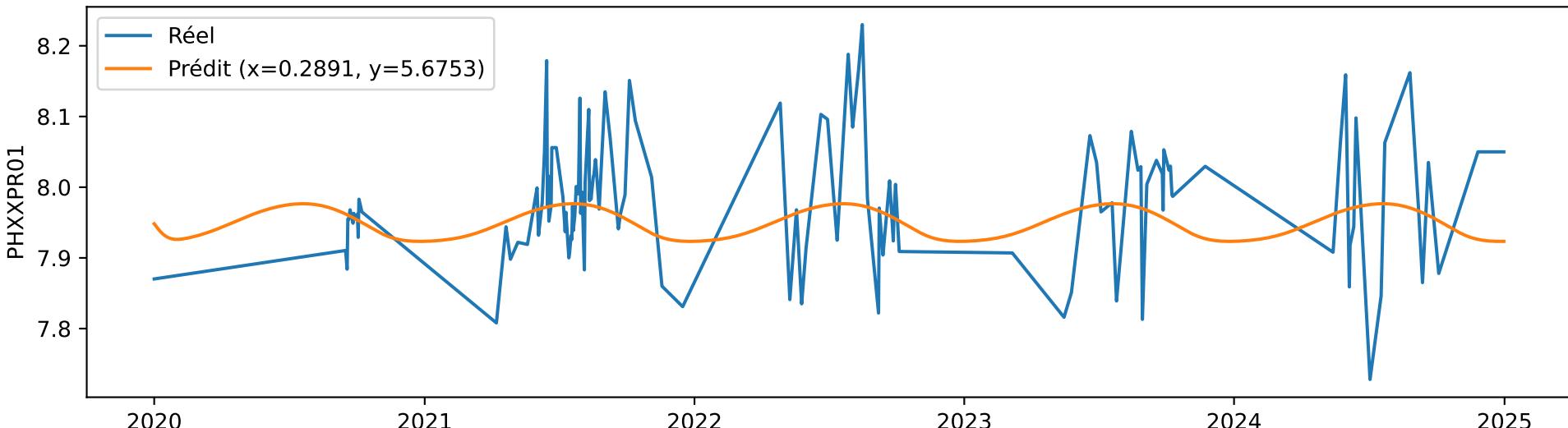
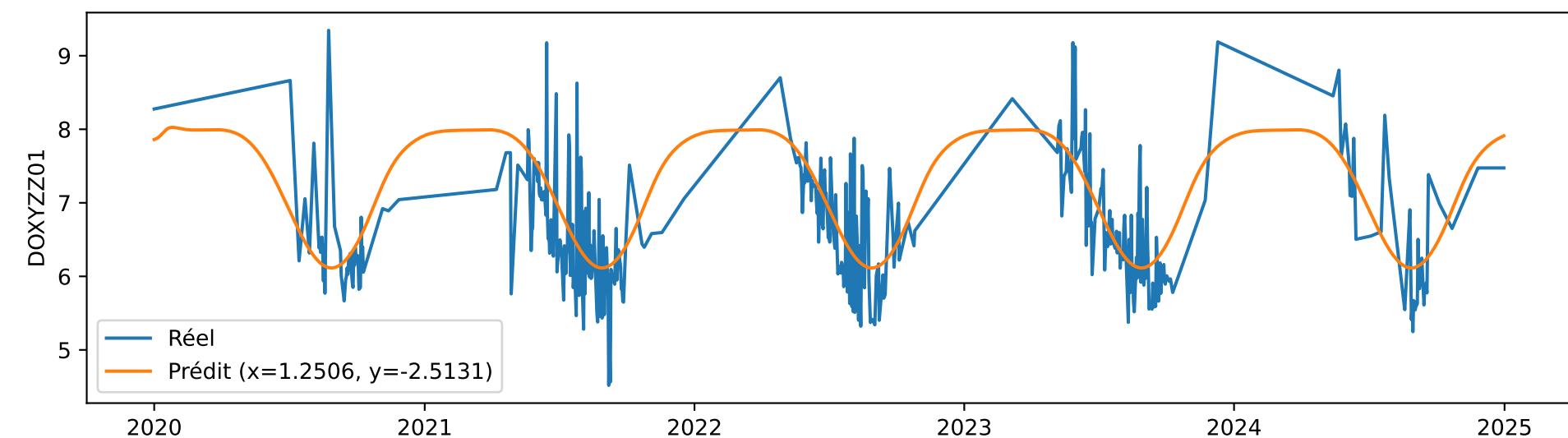


PHXXPR01 — RMSE=0.078 R2=0.058



DOXYZZ01 — RMSE=0.645 R2=0.529



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) :

- PHXXPR01: RMSE=0.0775, R2=0.0582 ($x=0.289052$, $y=5.675309$, $R^2_{opt}=0.058209$)
- DOXYZZ01: RMSE=0.6449, R2=0.5293 ($x=1.250622$, $y=-2.513116$, $R^2_{opt}=0.529281$)