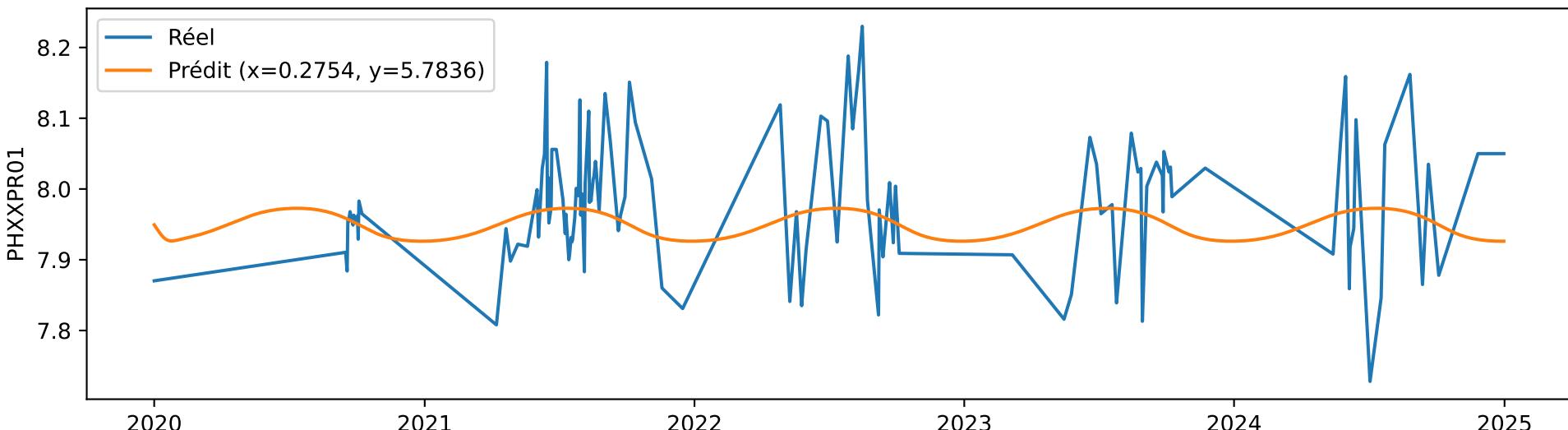
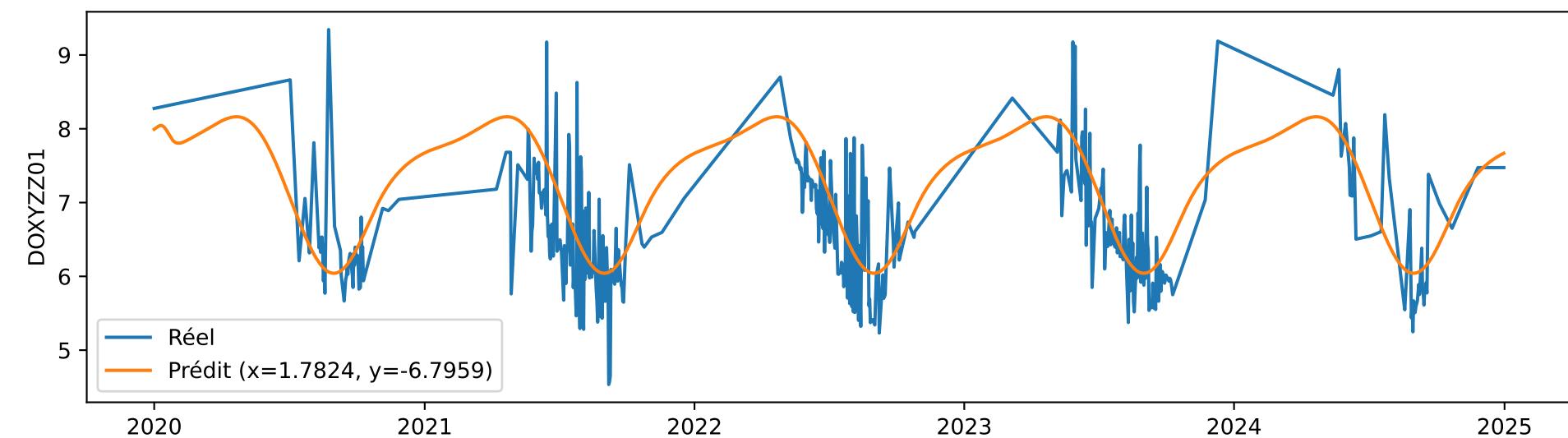


PHXXPR01 — RMSE=0.078 R2=0.046



DOXYZZ01 — RMSE=0.632 R2=0.553



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=0.0781, R2=0.0461 ($x=0.275423$, $y=5.783618$, $R^2_{opt}=0.046054$)
- DOXYZZ01: RMSE=0.6315, R2=0.5527 ($x=1.782412$, $y=-6.795944$, $R^2_{opt}=0.552663$)