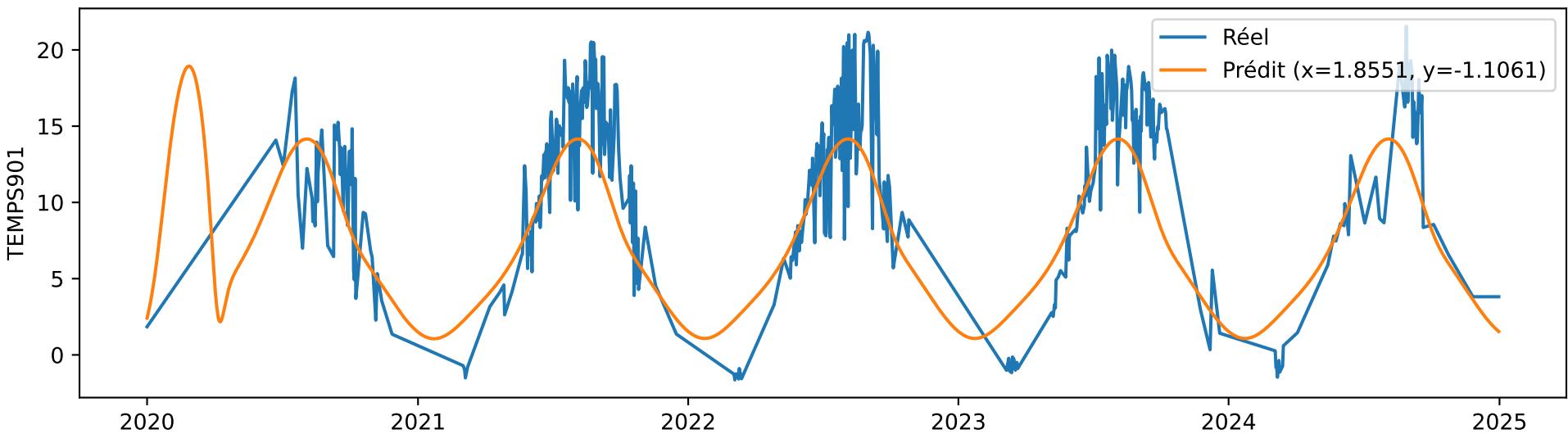
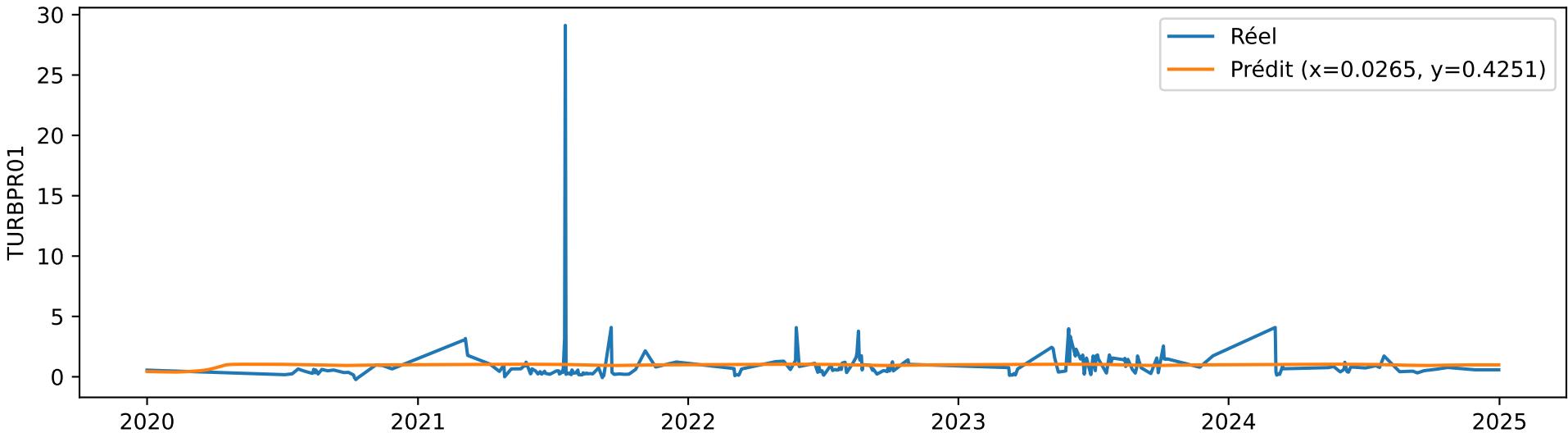


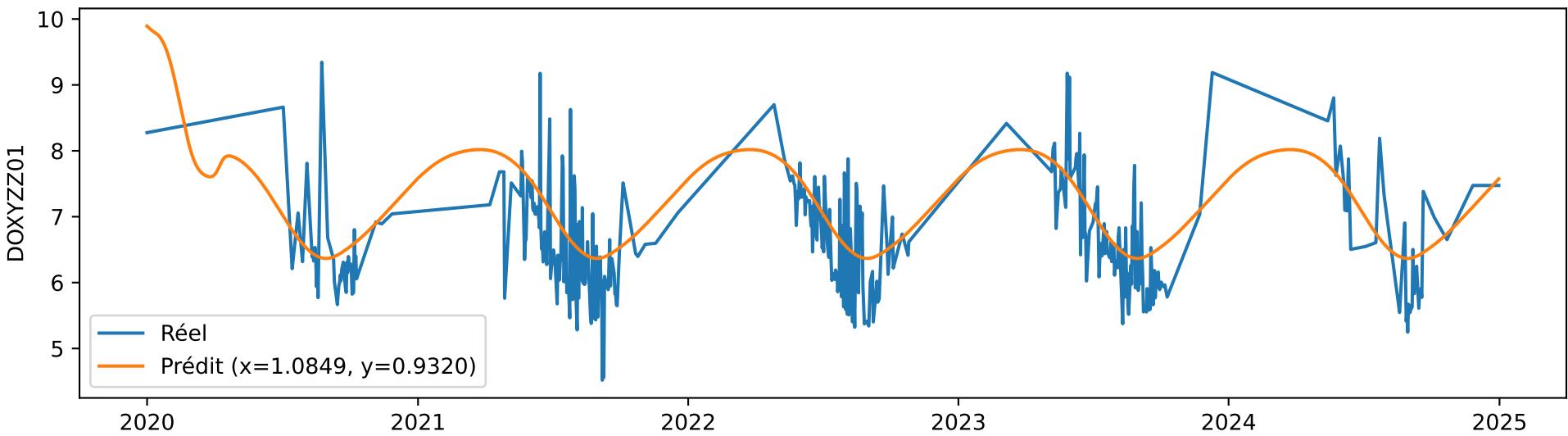
TEMPS901 — RMSE=3.510 R2=0.628



TURBPR01 — RMSE=0.973 R2=0.016



DOXYZZ01 — RMSE=0.656 R2=0.514



## 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=3.5102, R2=0.6277 ( $x=1.855143$ ,  $y=-1.106051$ ,  $R2_{opt}=0.627729$ )
- TURBPR01: RMSE=0.9727, R2=0.0161 ( $x=0.026464$ ,  $y=0.425088$ ,  $R2_{opt}=0.016147$ )
- DOXYZZ01: RMSE=0.6555, R2=0.5136 ( $x=1.084914$ ,  $y=0.931992$ ,  $R2_{opt}=0.513571$ )