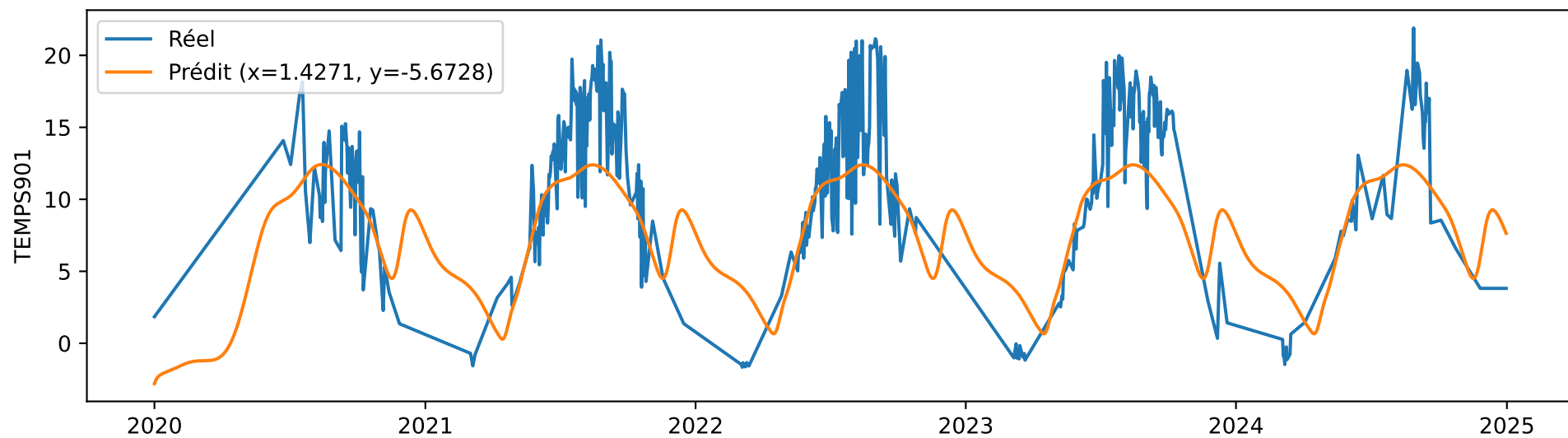
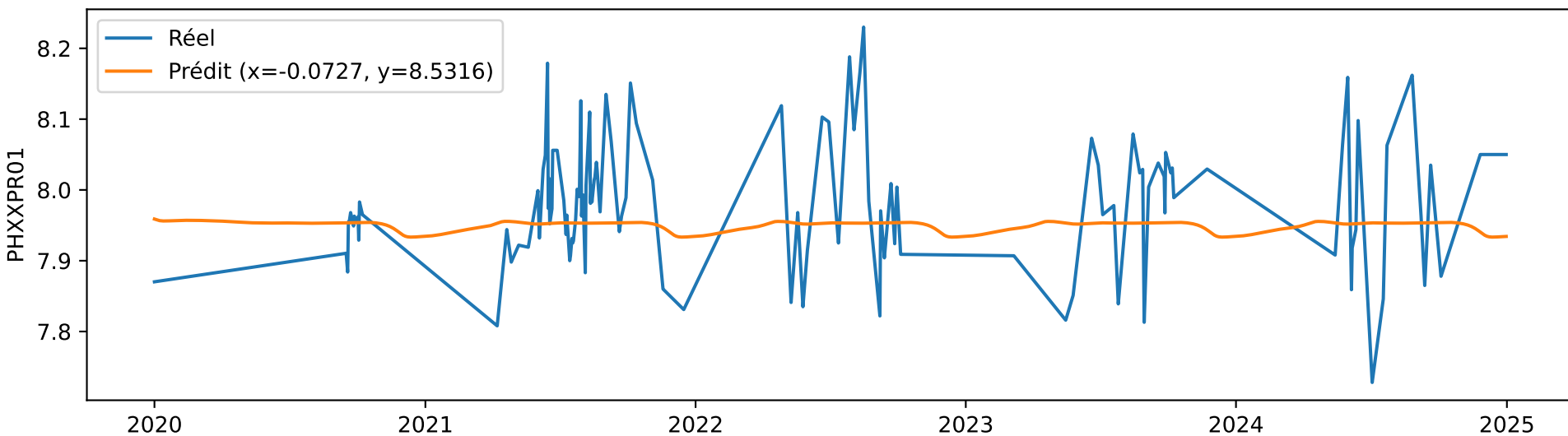


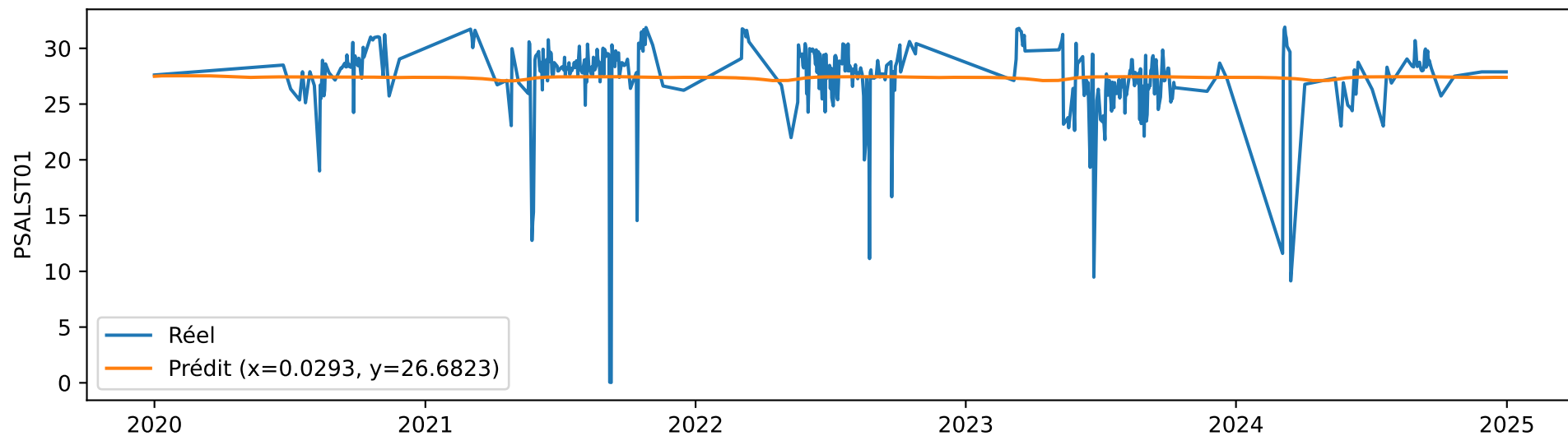
TEMPS901 — RMSE=4.225 R2=0.469



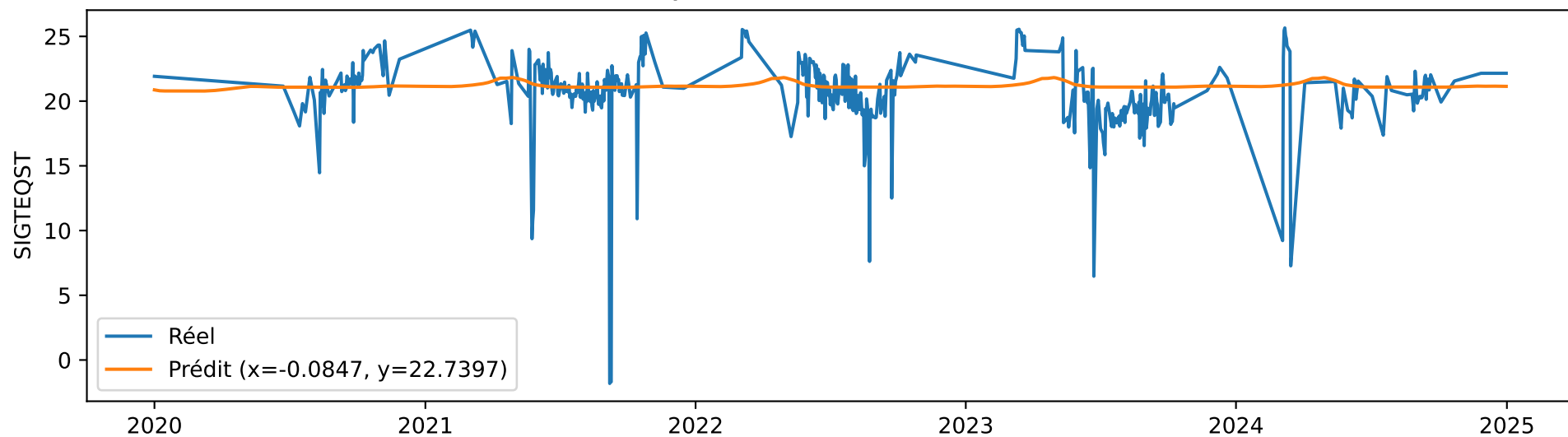
PHXXPR01 — RMSE=0.080 R2=0.008



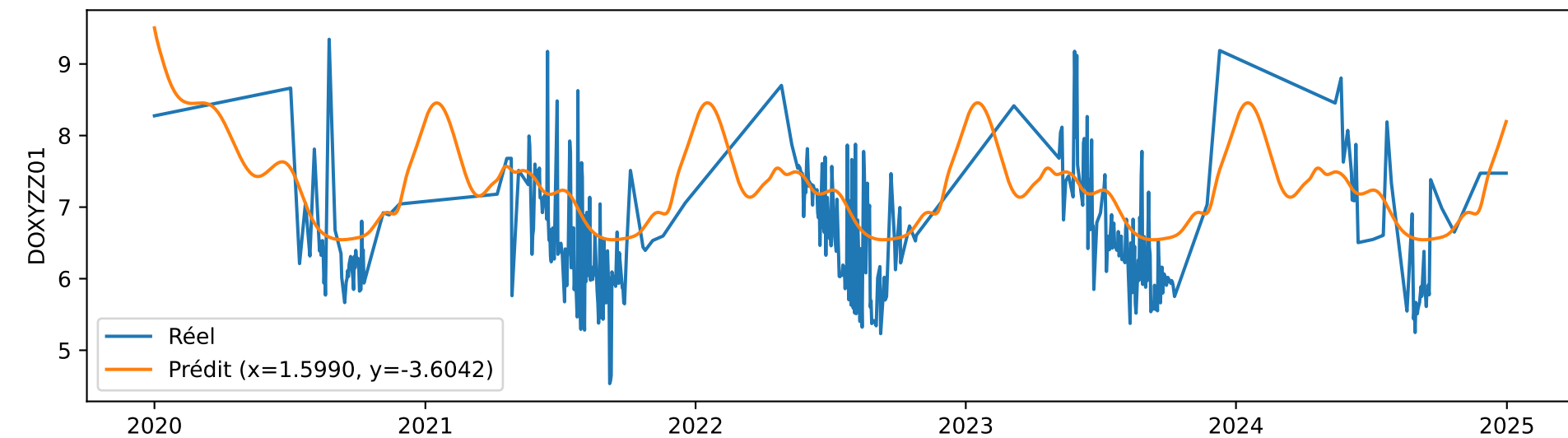
PSALST01 — RMSE=3.214 R2=0.001



SIGTEQST — RMSE=2.655 R2=0.006



DOXYZZ01 — RMSE=0.732 R2=0.399



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=4.2251, R2=0.4687 (x=1.427143, y=-5.672803, R2\_opt=0.468661)
  - PHXXPR01: RMSE=0.0796, R2=0.0080 (x=-0.072683, y=8.531558, R2\_opt=0.008003)
  - PSALST01: RMSE=3.2136, R2=0.0010 (x=0.029258, y=26.682259, R2\_opt=0.001005)
  - SIGTEQST: RMSE=2.6555, R2=0.0063 (x=-0.084731, y=22.739687, R2\_opt=0.006334)
  - DOXYZZ01: RMSE=0.7321, R2=0.3987 (x=1.599046, y=-3.604230, R2\_opt=0.398741)