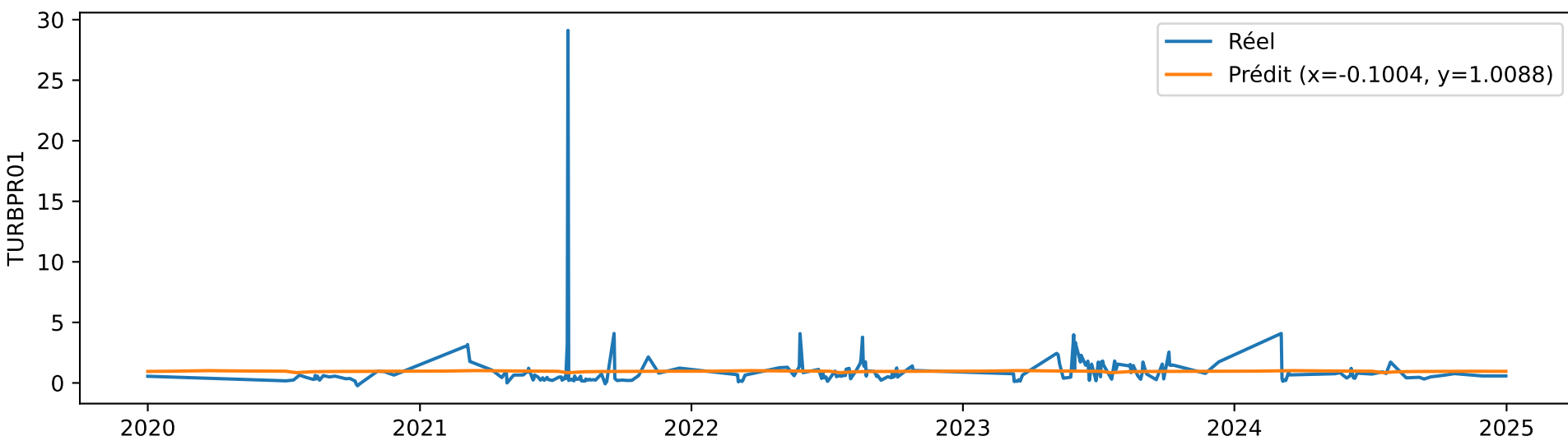
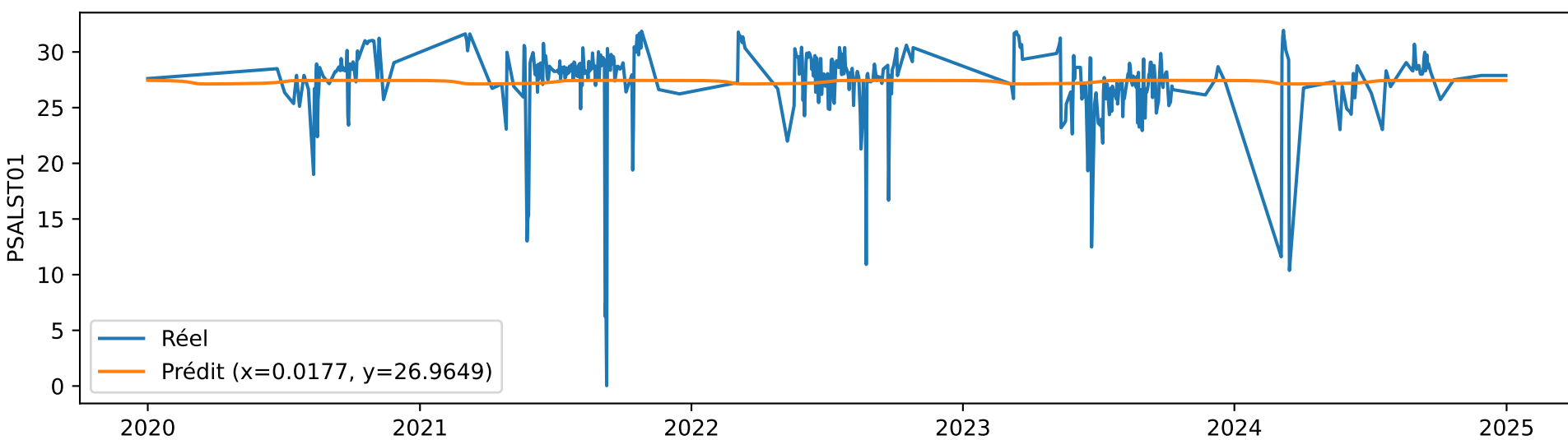


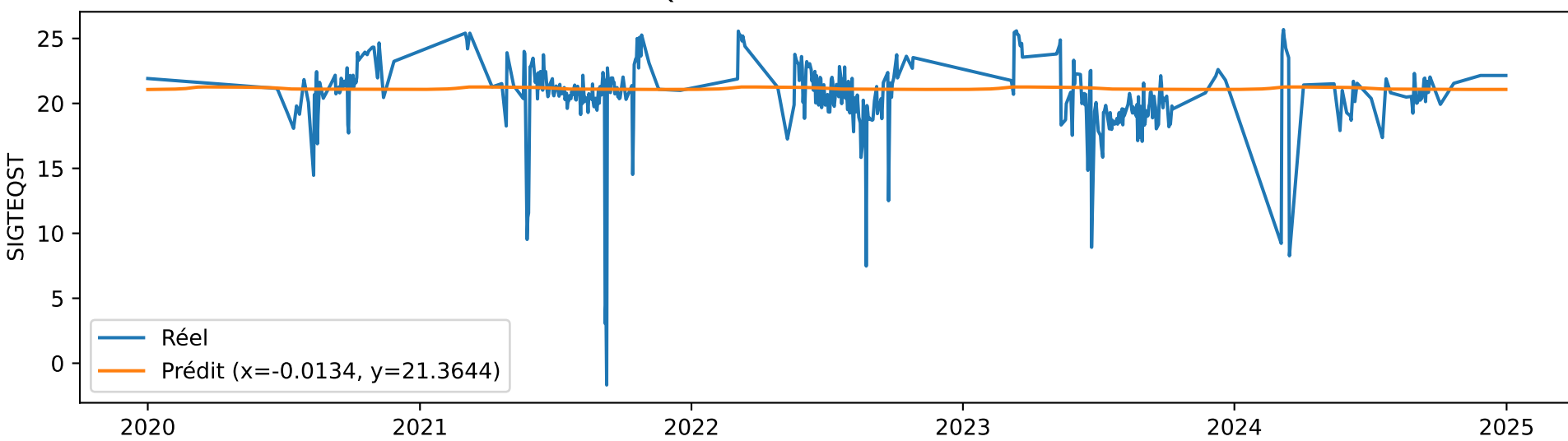
TURBPR01 — RMSE=0.980 R2=0.001



PSALST01 — RMSE=3.074 R2=0.002



SIGTEQST — RMSE=2.543 R2=0.001



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) :
- TURBPR01: RMSE=0.9800, R2=0.0013 (x=-0.100389, y=1.008757, R2\_opt=0.001321)
  - PSALST01: RMSE=3.0743, R2=0.0018 (x=0.017676, y=26.964863, R2\_opt=0.001822)
  - SIGTEQST: RMSE=2.5428, R2=0.0009 (x=-0.013382, y=21.364401, R2\_opt=0.000865)