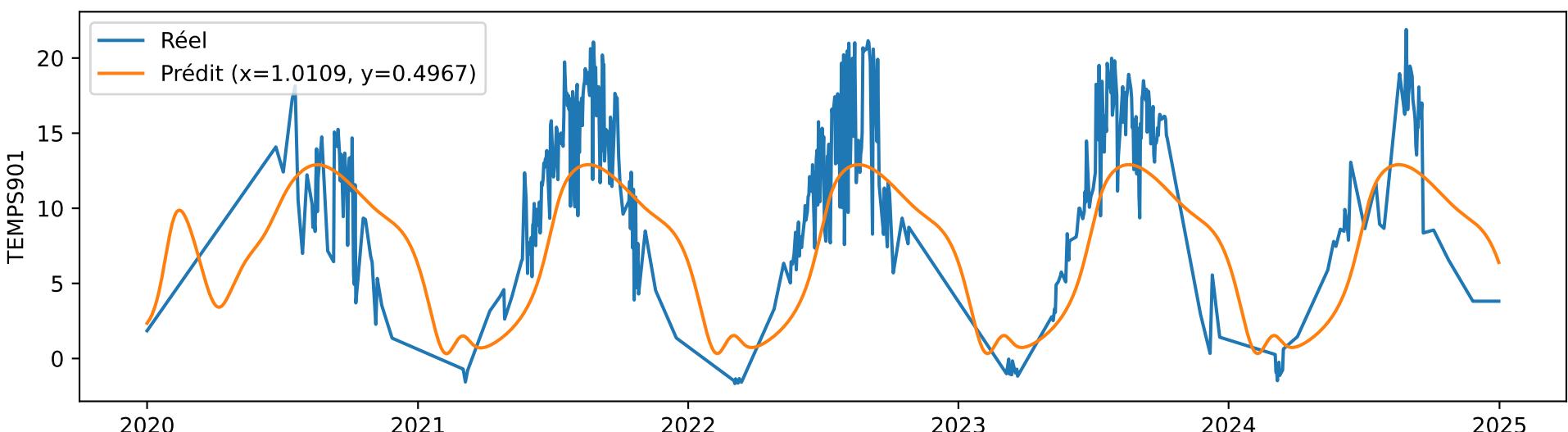
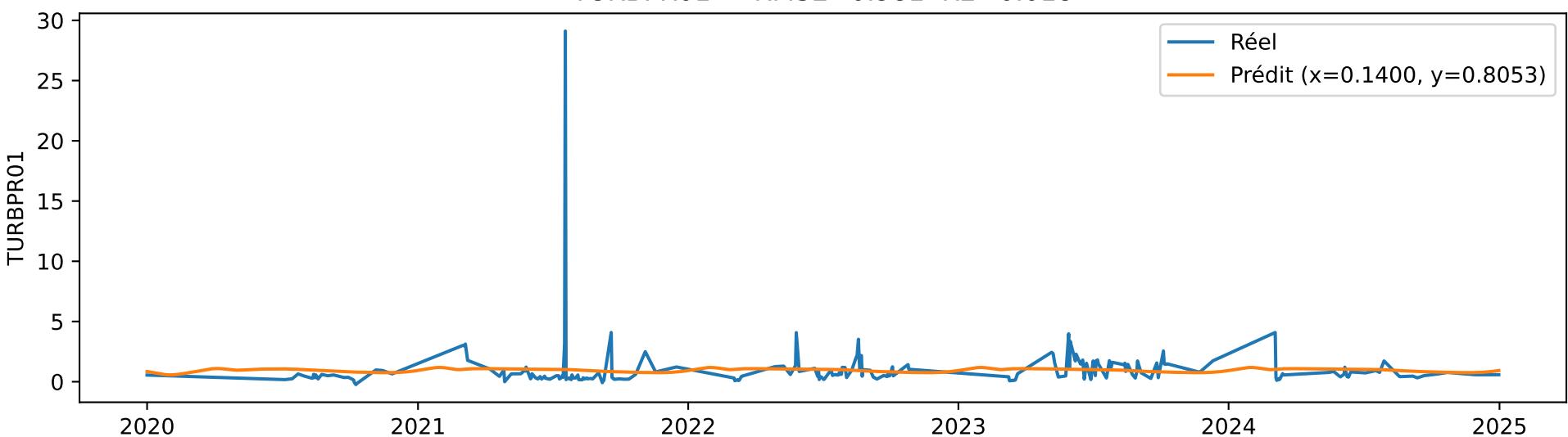


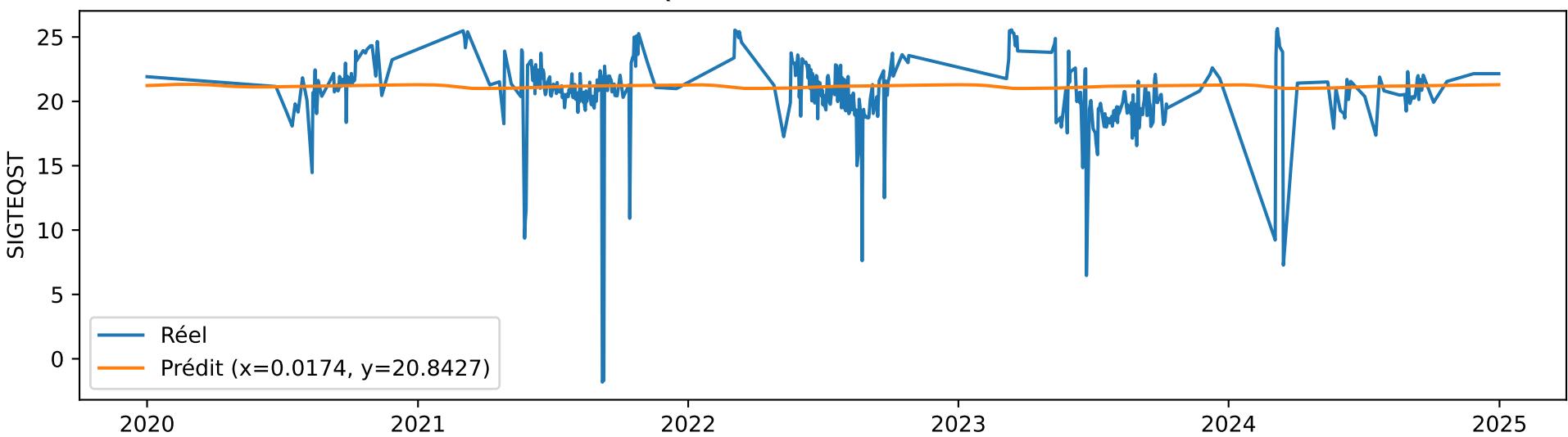
TEMPS901 — RMSE=3.828 R2=0.564



TURBPR01 — RMSE=0.981 R2=0.018



SIGTEQST — RMSE=2.662 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) :

- TEMPS901: RMSE=3.8276, R2=0.5639 ( $x=1.010944$ ,  $y=0.496682$ ,  $R2_{opt}=0.563934$ )
- TURBPR01: RMSE=0.9815, R2=0.0181 ( $x=0.139985$ ,  $y=0.805343$ ,  $R2_{opt}=0.018146$ )
- SIGTEQST: RMSE=2.6622, R2=0.0013 ( $x=0.017446$ ,  $y=20.842707$ ,  $R2_{opt}=0.001285$ )