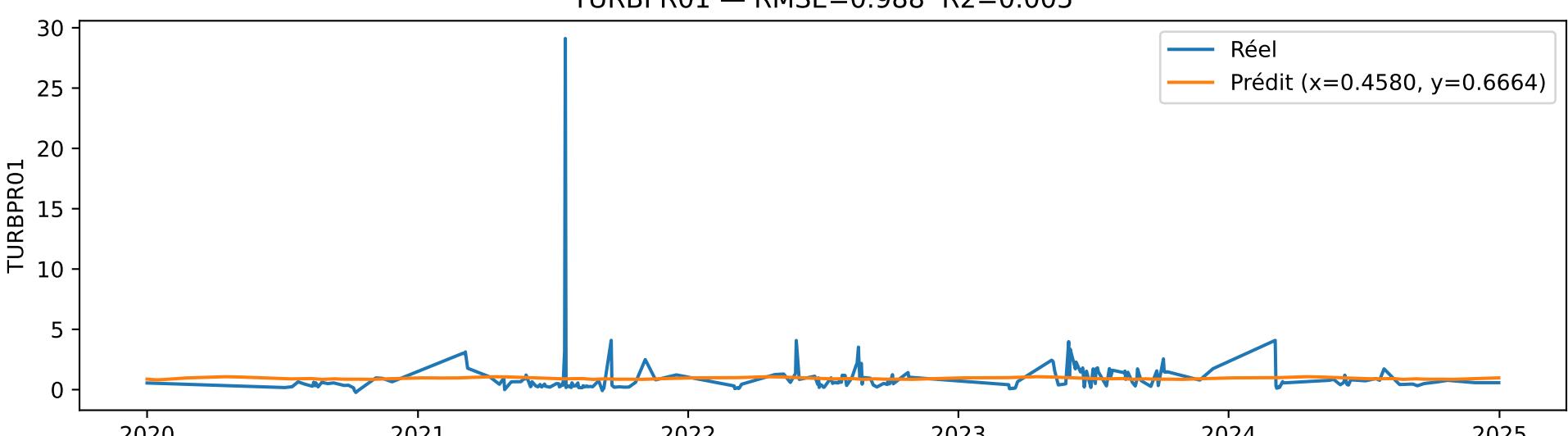
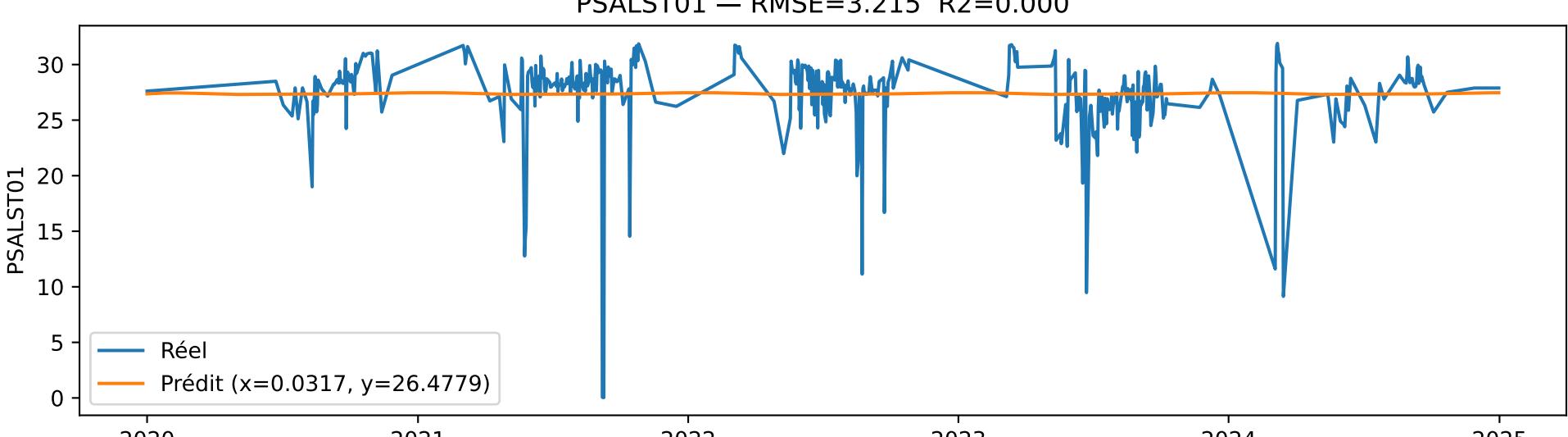


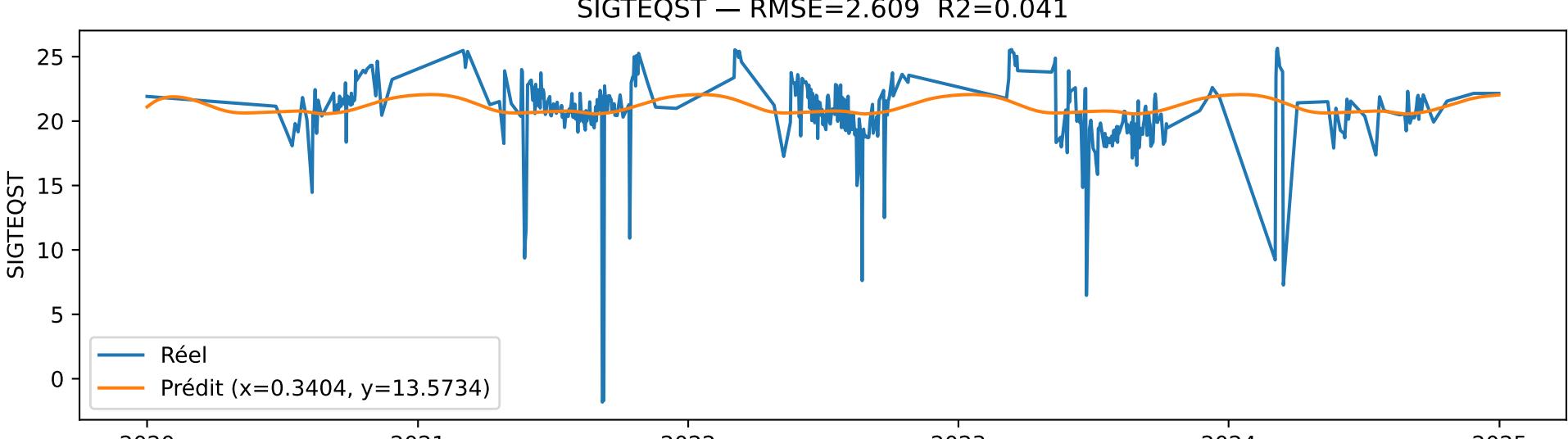
TURBPR01 — RMSE=0.988 R2=0.005



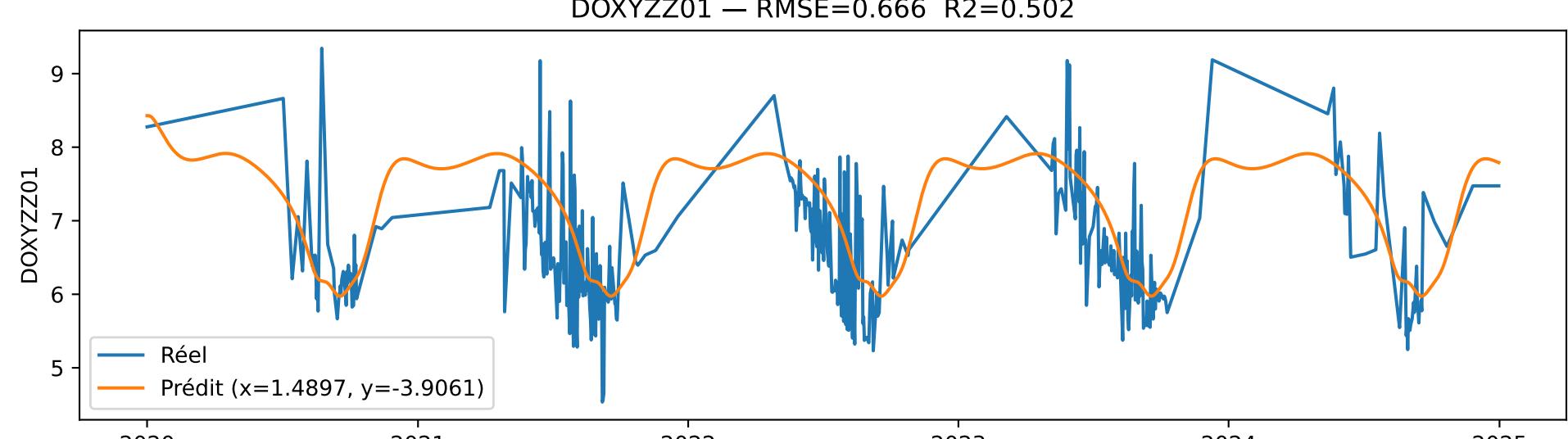
PSALST01 — RMSE=3.215 R2=0.000



SIGTEQST — RMSE=2.609 R2=0.041



DOXYZZ01 — RMSE=0.666 R2=0.502



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) :

- CPHLPR01: RMSE=2.0992, R2=0.0481 ($x=0.707559$, $y=0.759606$, $R2_{opt}=0.048069$)
- TURBPR01: RMSE=0.9882, R2=0.0046 ($x=0.457959$, $y=0.666363$, $R2_{opt}=0.004585$)
- PSALST01: RMSE=3.2148, R2=0.0003 ($x=0.031699$, $y=26.477905$, $R2_{opt}=0.000265$)
- SIGTEQST: RMSE=2.6090, R2=0.0408 ($x=0.340388$, $y=13.573380$, $R2_{opt}=0.040826$)
- DOXYZZ01: RMSE=0.6662, R2=0.5021 ($x=1.489657$, $y=-3.906072$, $R2_{opt}=0.502142$)