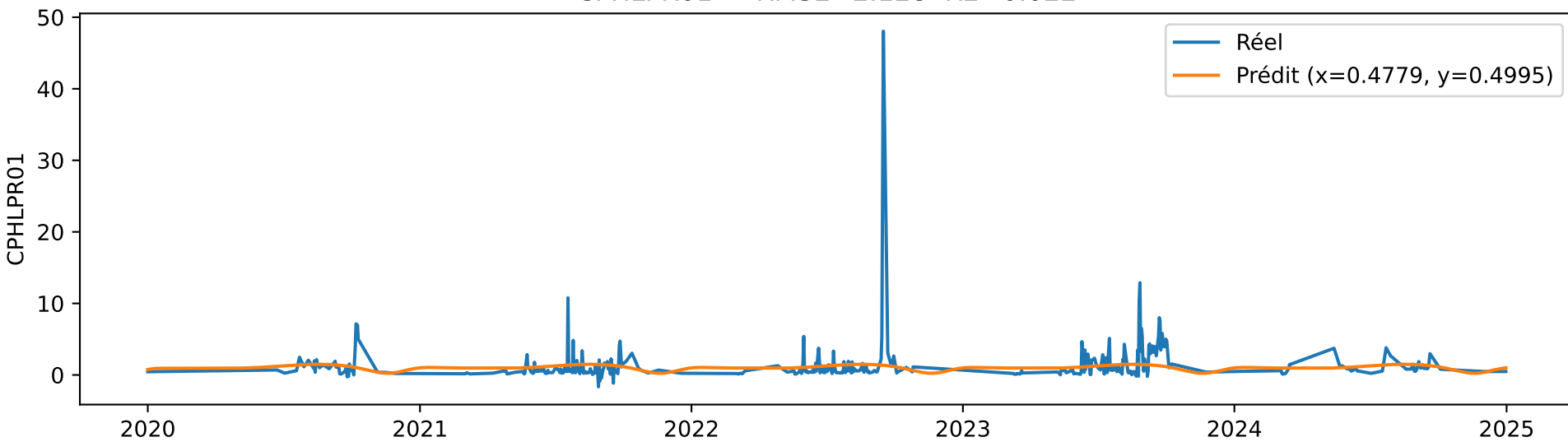
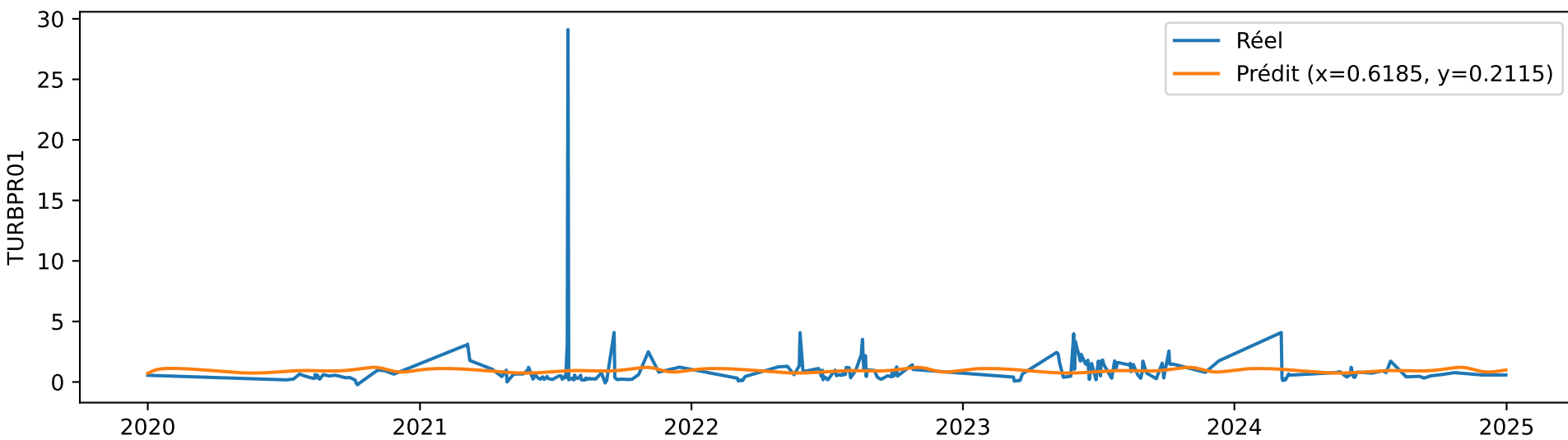


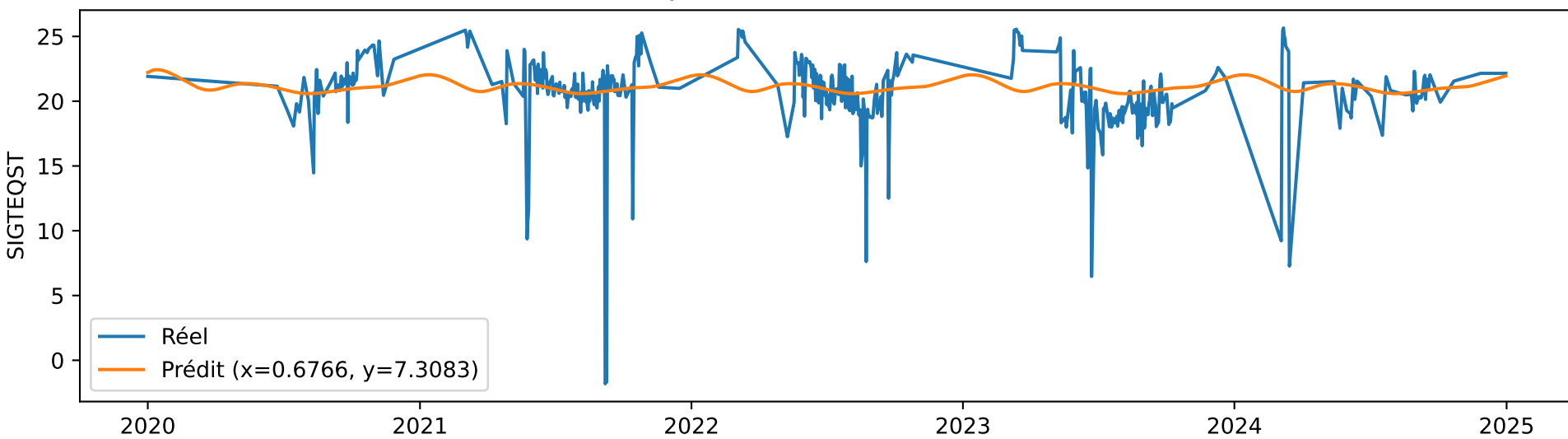
CPHLPR01 — RMSE=2.128 R2=0.022



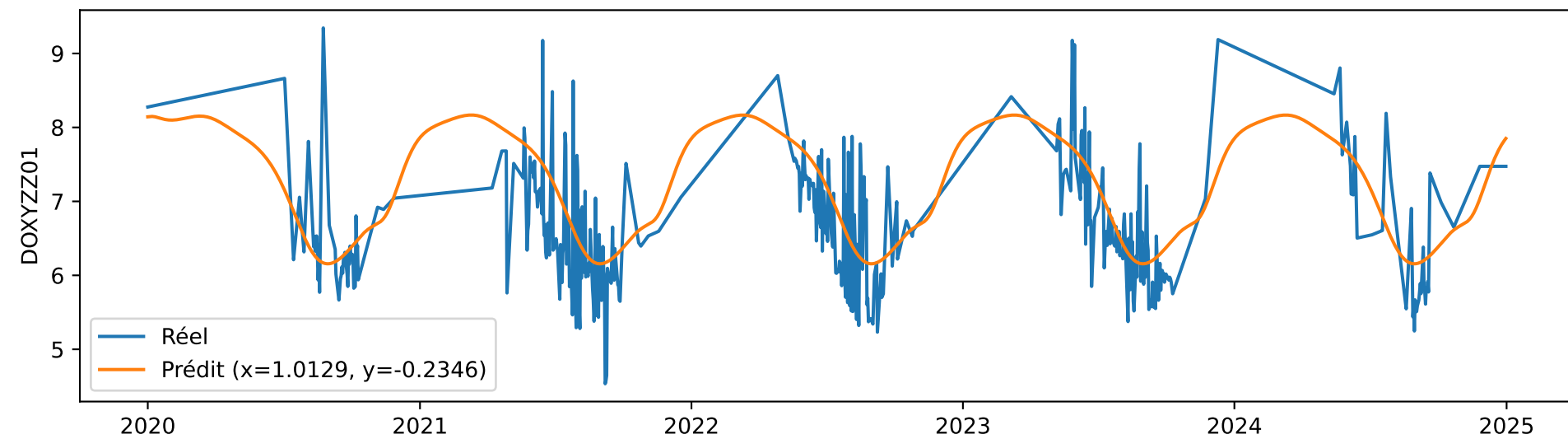
TURBPR01 — RMSE=0.982 R2=0.016



SIGTEQST — RMSE=2.630 R2=0.025



DOXYZZ01 — RMSE=0.618 R2=0.572



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=2.1279, R2=0.0219 (x=0.477853, y=0.499533, R2_opt=0.021935)
 - TURBPR01: RMSE=0.9824, R2=0.0164 (x=0.618530, y=0.211466, R2_opt=0.016404)
 - SIGTEQST: RMSE=2.6298, R2=0.0254 (x=0.676551, y=7.308337, R2_opt=0.025430)
 - DOXYZZ01: RMSE=0.6177, R2=0.5721 (x=1.012915, y=-0.234629, R2_opt=0.572061)