You should demonstrate whether that “expectation” is true:

how good a predicter of future gasoline prices are oil futures?

What is the lag?

<https://www.thebalance.com/how-crude-oil-prices-affect-gas-prices-3306230>

Is the response different when crude prices are falling than when they are rising?

Are there additional explanatory variables?

refinery and distribution costs, corporate profits, and state and federal taxes

<https://www.thebalance.com/how-can-you-predict-tomorrow-s-gas-prices-today-3305649>

Do crude prices contain predictive power for the concentration of carbon dioxide in the atmosphere?

Are there additional data that improve the forecast?

What are the implications contained in the current forecast?

Assumptions:

For US or for whole world?

Period? weekly

How many years? 1993-today