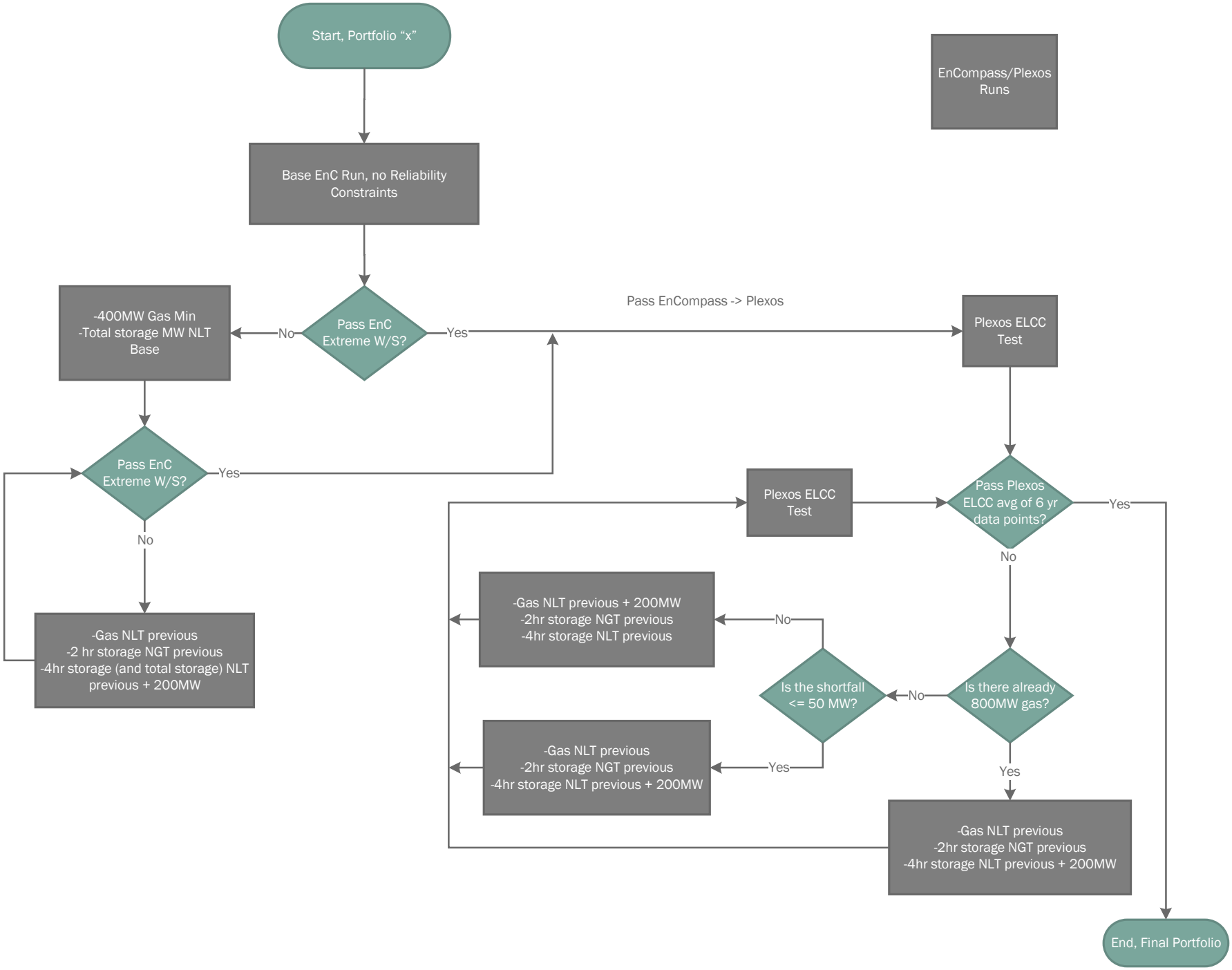
Start, Portfolio "x"
EnCompass/Plexos Runs
Base EnC Run, no Reliability Constraints
Pass EnC Extreme W/S?
No
Yes
-400MW Gas Min
-Total storage MW NLT Base
Pass EnCompass -> Plexos
Plexos ELCC Test
Pass EnC Extreme W/S?
Yes
No
-Gas NLT previous
-2 hr storage NGT previous
-4hr storage (and total storage) NLT previous + 200MW
Plexos ELCC Test
Pass Plexos ELCC avg of 6 yr data points?
Yes
No
-Gas NLT previous + 200MW
-2hr storage NGT previous
-4hr storage NLT previous
No
Is the shortfall <= 50 MW?
No
Is there already 800MW gas?
-Gas NLT previous
-2hr storage NGT previous
-4hr storage NLT previous + 200MW
Yes
Yes
-Gas NLT previous
-2hr storage NGT previous
-4hr storage NLT previous + 200MW
End, Final Portfolio