B. Loss of Load Duration Curves for all Scenarios and Physical Disruptions

Appendix B. Disruption Comparison Charts

Climate Change Phase II Resource Set
Chart 1 - CLCPA Case - Summer: DE Resource Generation Duration Curves for Base, Temperature Wave, and Wind Lull Scenarios
Chart 2 - CLCPA Case - Summer: DE Resource Generation Duration Curves for Storm and Drought Scenarios
Chart 3 - CLCPA Case - Summer: LOLO Duration Curves for all Scenarios
Chart 4 - CLCPA Case - Winter: DE Resource Generation Duration Curves for Base, Temperature Wave, and Wind Lull Scenarios
Chart 5 - CLCPA Case - Winter: DE Resource Generation Duration Curves for Storm and Icing Scenarios
Chart 6 - CLCPA Case - Winter: LOLO Duration Curves for all Scenarios
Chart 7 - Reference Case - Summer: DE Resource Generation Duration Curves for Base, Temperature Wave, and Wind Lull Scenarios
Chart 8 - Reference Case - Summer: DE Resource Generation Duration Curves for Storm and Drought Scenarios
Chart 9 - Reference Case - Summer: LOLO Duration Curves for all Scenarios
Chart 10 - Reference Case - Winter: DE Resource Generation Duration Curves for Base, Temperature Wave, and Wind Lull Scenarios
Chart 11 - Reference Case - Winter: DE Resource Generation Duration Curves for Storm and Icing Scenarios
Chart 12 - Reference Case - Winter: LOLO Duration Curves for all Scenarios

Grid in Transition Resource Set
Chart 13 - CLCPA Case - Summer: DE Resource Generation Duration Curves for Base, Temperature Wave, and Wind Lull Scenarios
Chart 14 - CLCPA Case - Summer: DE Resource Generation Duration Curves for Storm and Drought Scenarios
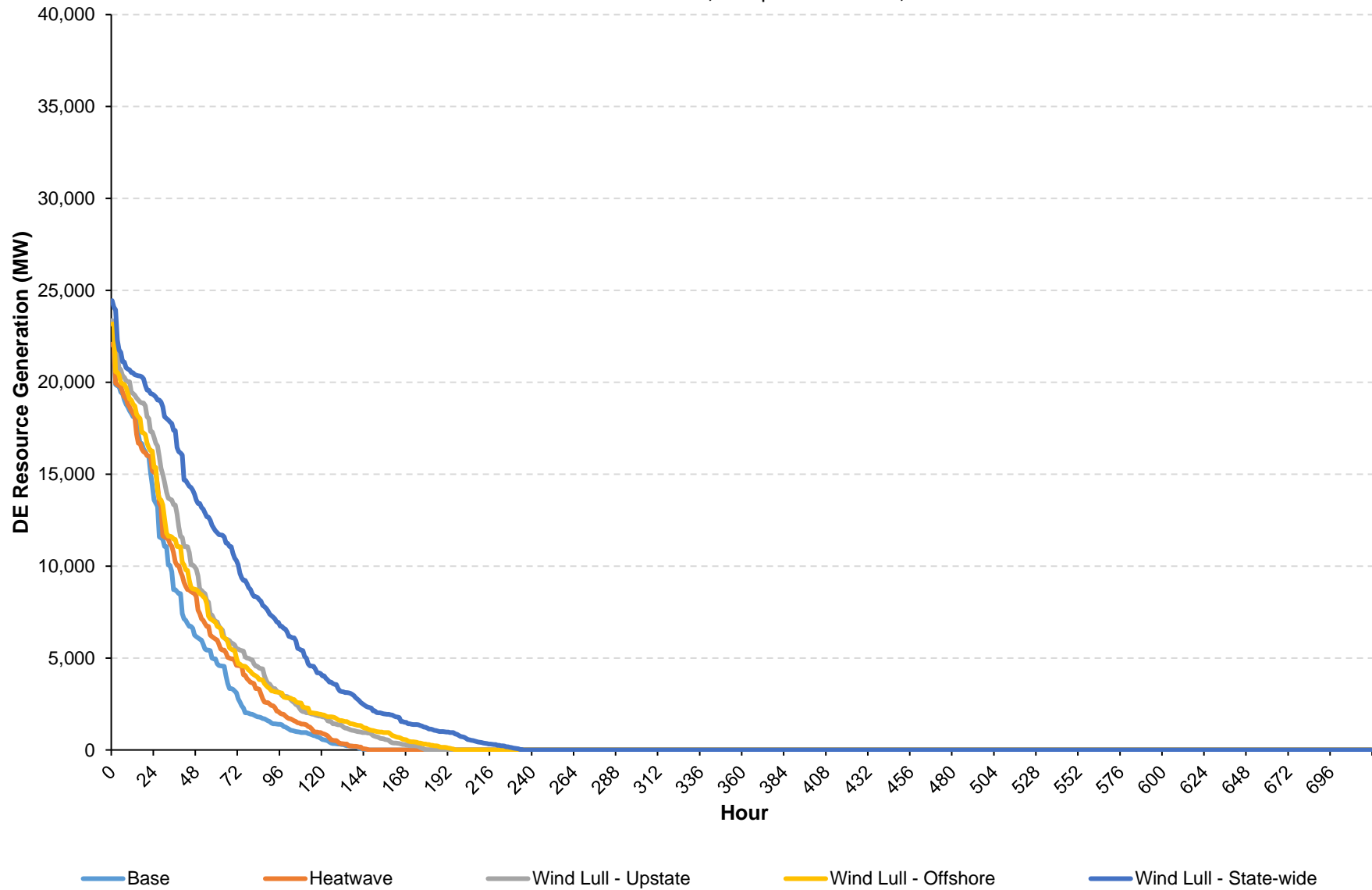**Chart 15 - CLCPA Case - Summer: LOLO Duration Curves for all Scenarios**
Chart 16 - CLCPA Case - Winter: DE Resource Generation Duration Curves for Base, Temperature Wave, and Wind Lull Scenarios
Chart 17 - CLCPA Case - Winter: DE Resource Generation Duration Curves for Storm and Icing Scenarios
Chart 18 - CLCPA Case - Winter: LOLO Duration Curves for all Scenarios
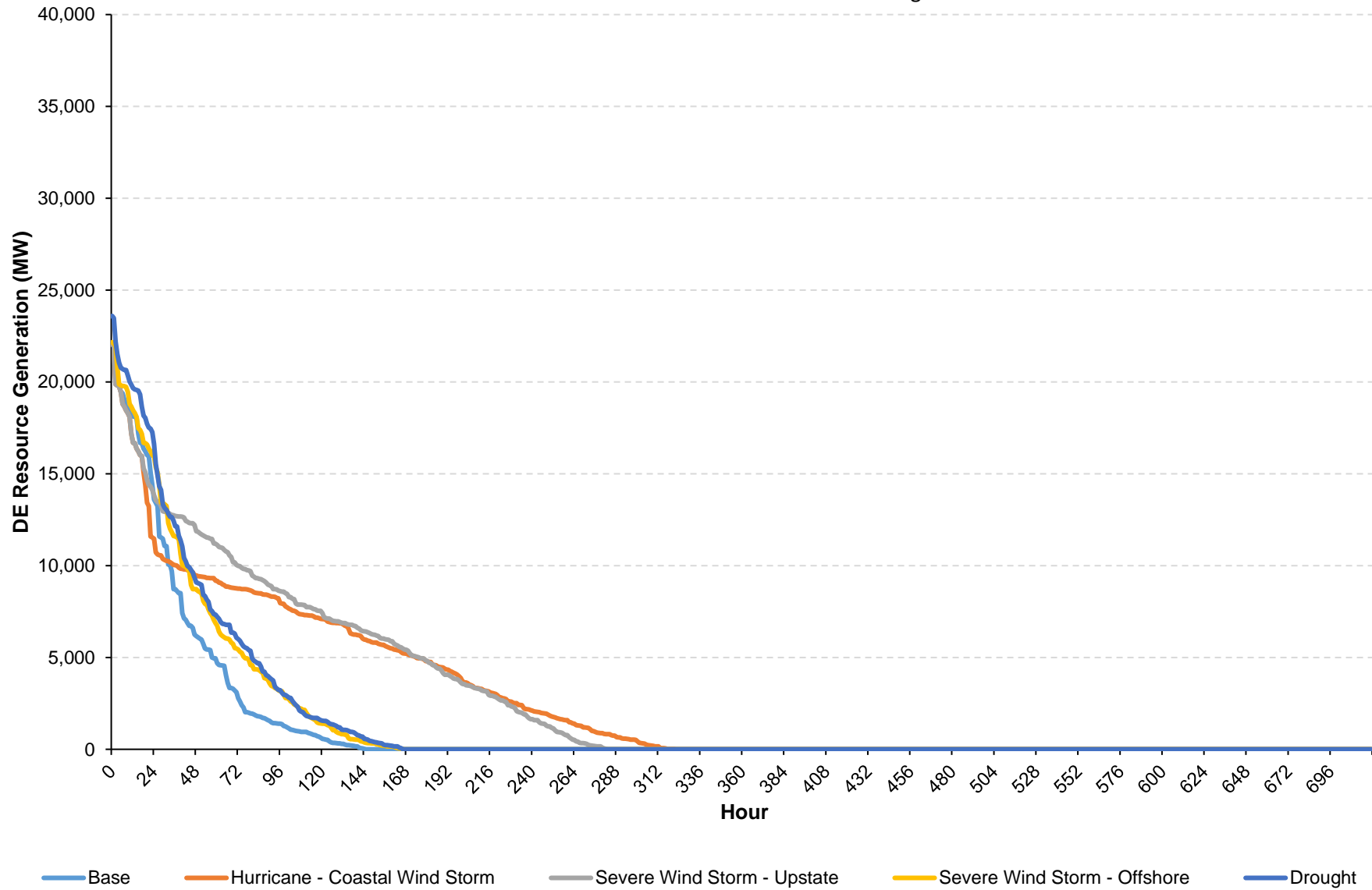
NYCA
DE Resource Generation (MW)

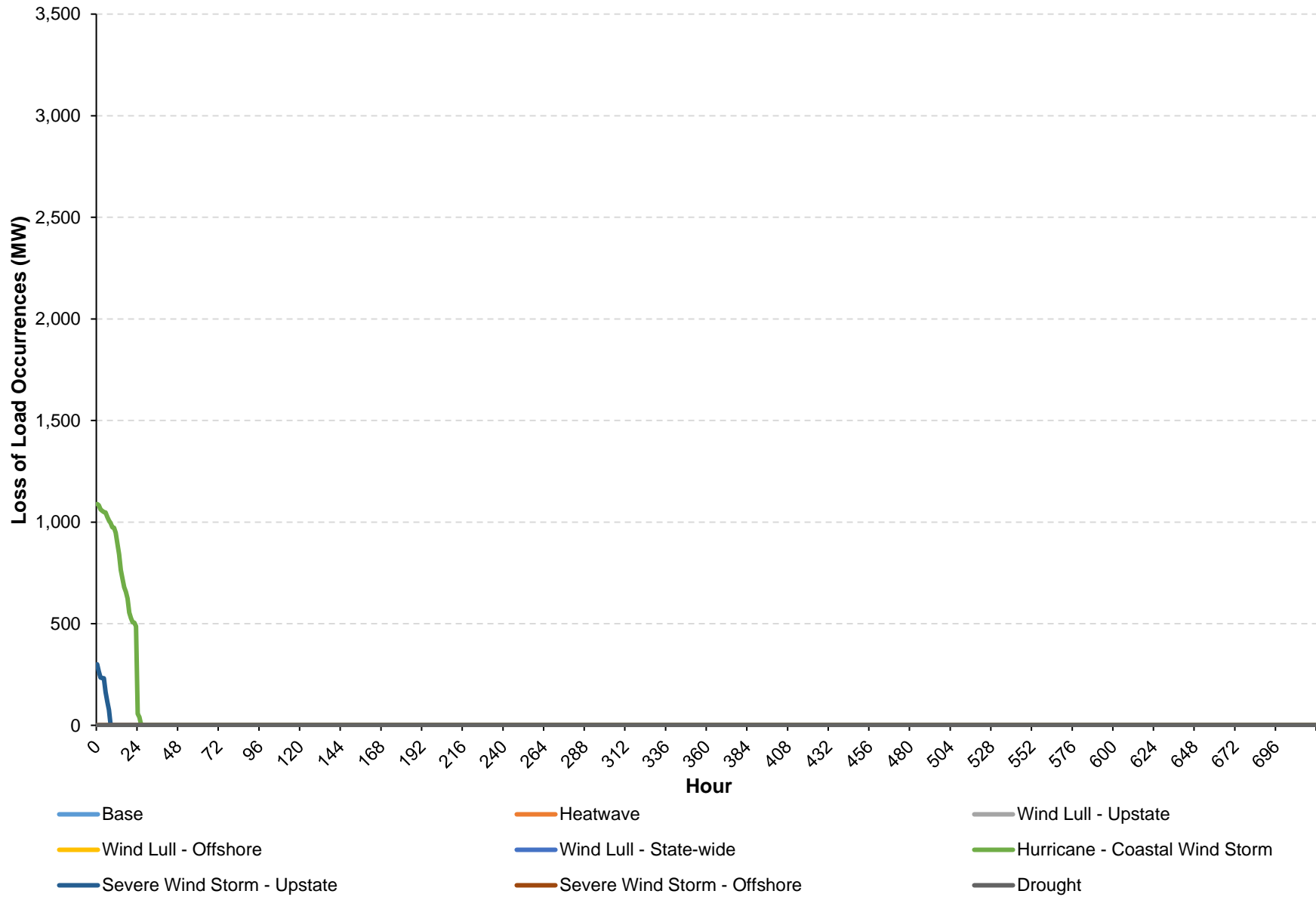CLCPA Case - Summer - CCP2 Resource Set: Base, Temperature Wave, and Wind Lull Scenarios

NYCA
DE Resource Generation (MW)

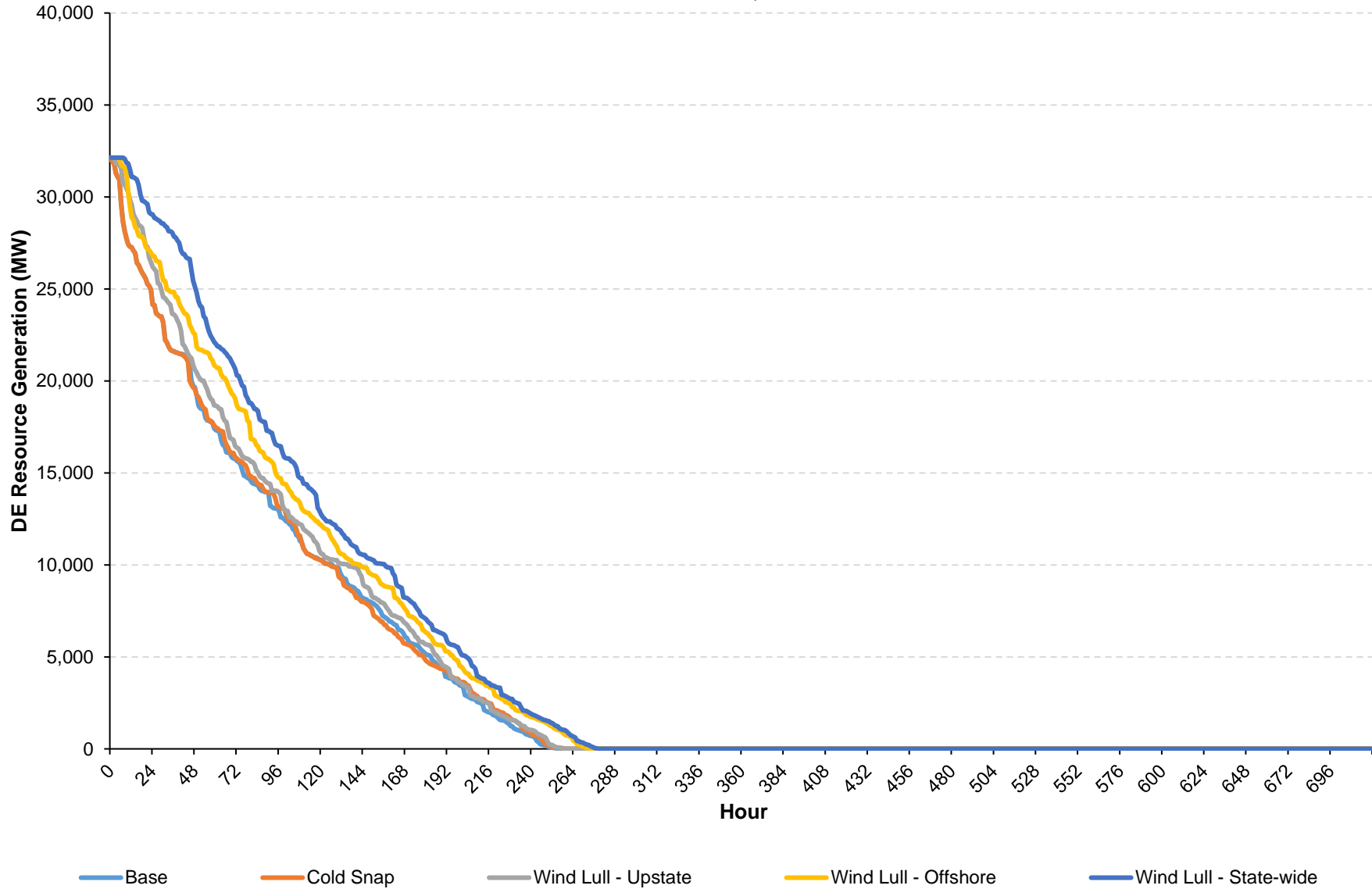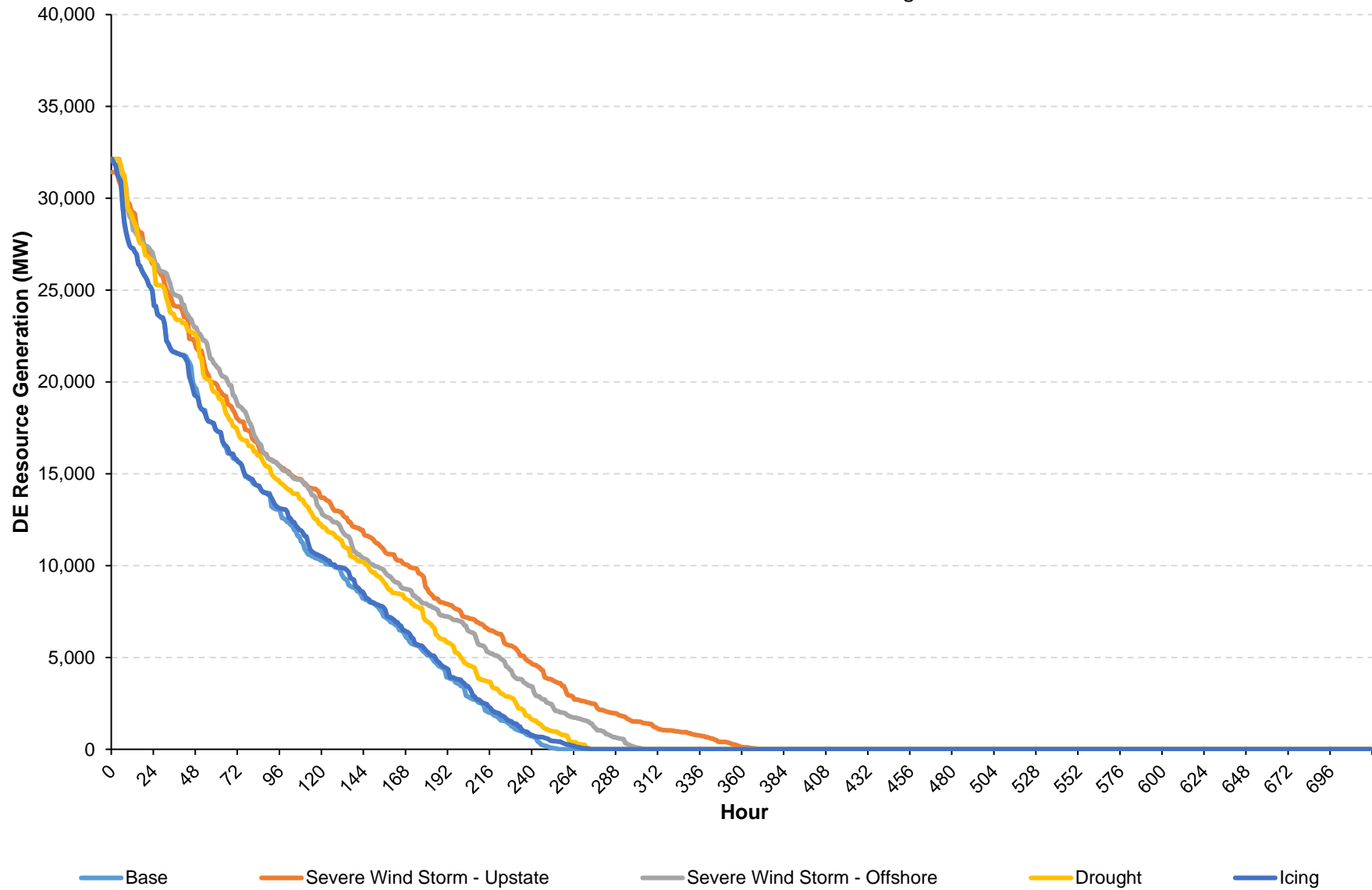CLCPA Case - Summer - CCP2 Resource Set: Storm and Drought Scenarios

Base   Hurricane - Coastal Wind Storm   Severe Wind Storm - Upstate   Severe Wind Storm - Offshore   Drought

NYCA
Loss of Load Occurrences (MW)

CLCPA Case - Summer - CCP2 Resource Set: All Scenarios

Base | Heatwave | Wind Lull - Upstate
Wind Lull - Offshore | Wind Lull - State-wide | Hurricane - Coastal Wind Storm
Severe Wind Storm - Upstate | Severe Wind Storm - Offshore | Drought

NYCA
DE Resource Generation (MW)

CLCPA Case - Winter - CCP2 Resource Set: Base, Temperature Wave, and Wind Lull Scenarios

Legend: Base — Cold Snap — Wind Lull - Upstate — Wind Lull - Offshore — Wind Lull - State-wide
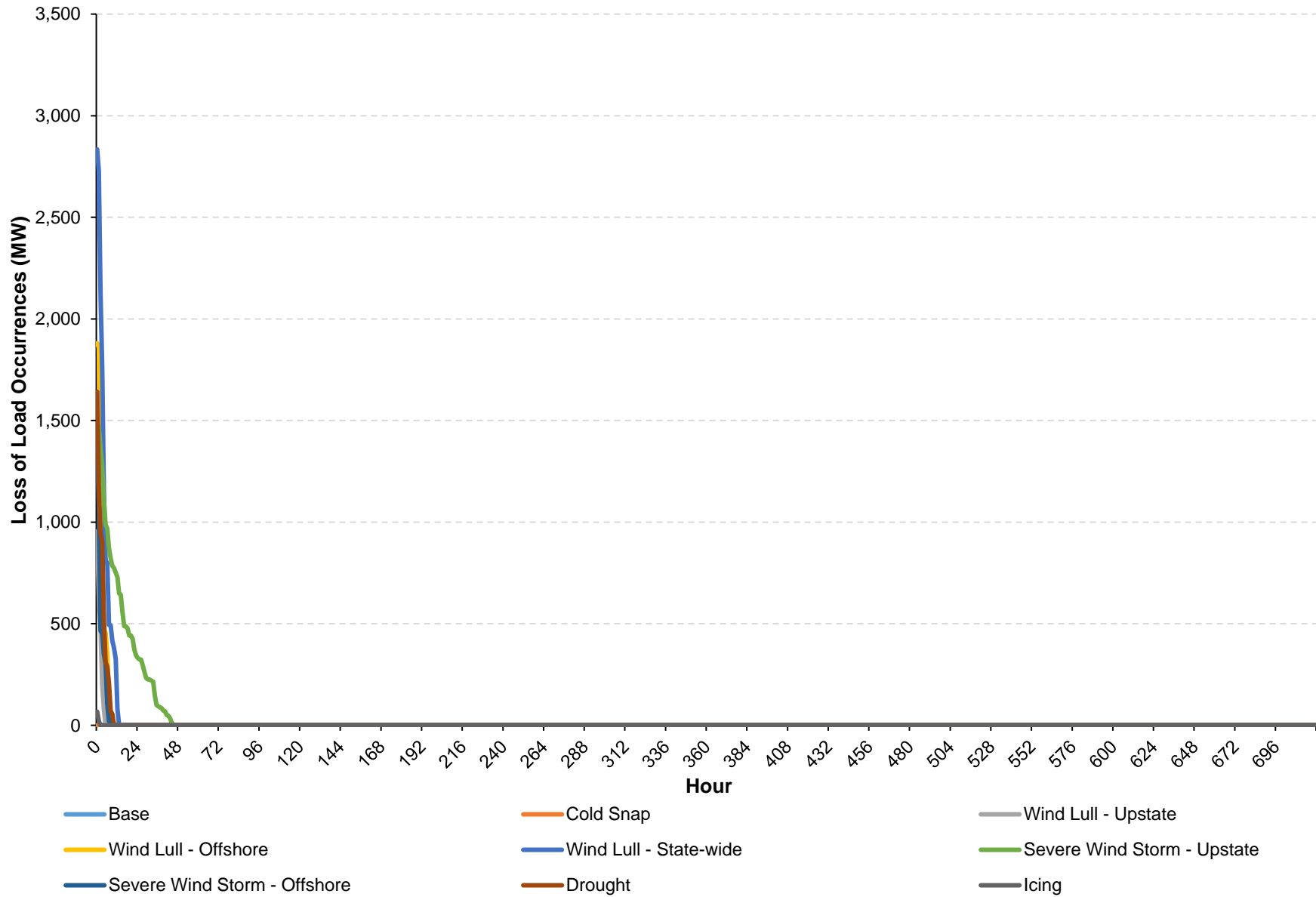
NYCA
DE Resource Generation (MW)
CLCPA Case - Winter - CCP2 Resource Set: Storm and Drought Scenarios

NYCA
Loss of Load Occurrences (MW)

CLCPA Case - Winter - CCP2 Resource Set: All Scenarios

Legend:
- Base
- Cold Snap
- Wind Lull - Upstate
- Wind Lull - Offshore
- Wind Lull - State-wide
- Severe Wind Storm - Upstate
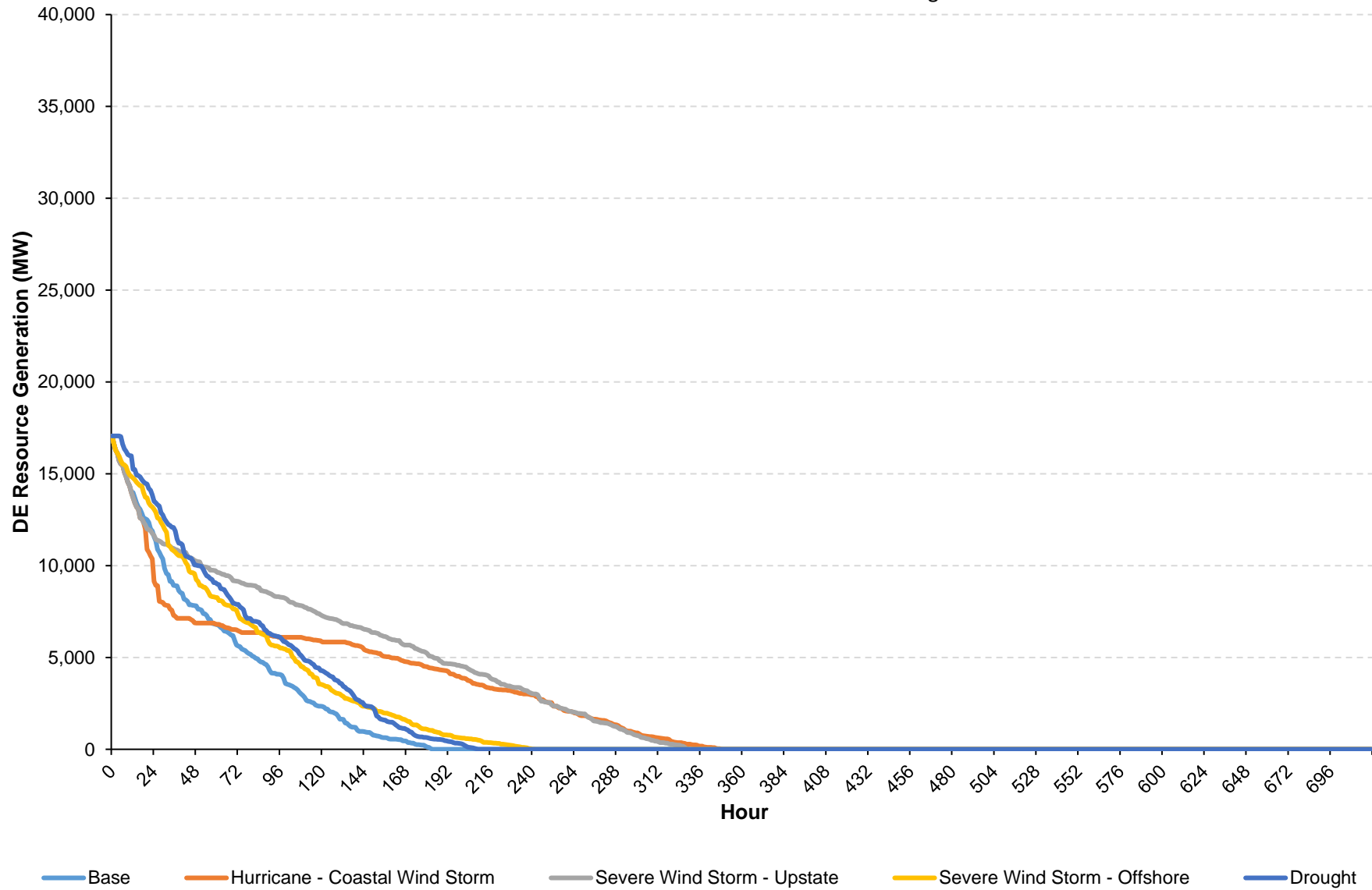- Severe Wind Storm - Offshore
- Drought
- Icing

NYCA
DE Resource Generation (MW)

Reference Case - Summer - CCP2 Resource Set: Base, Temperature Wave, and Wind Lull Scenarios
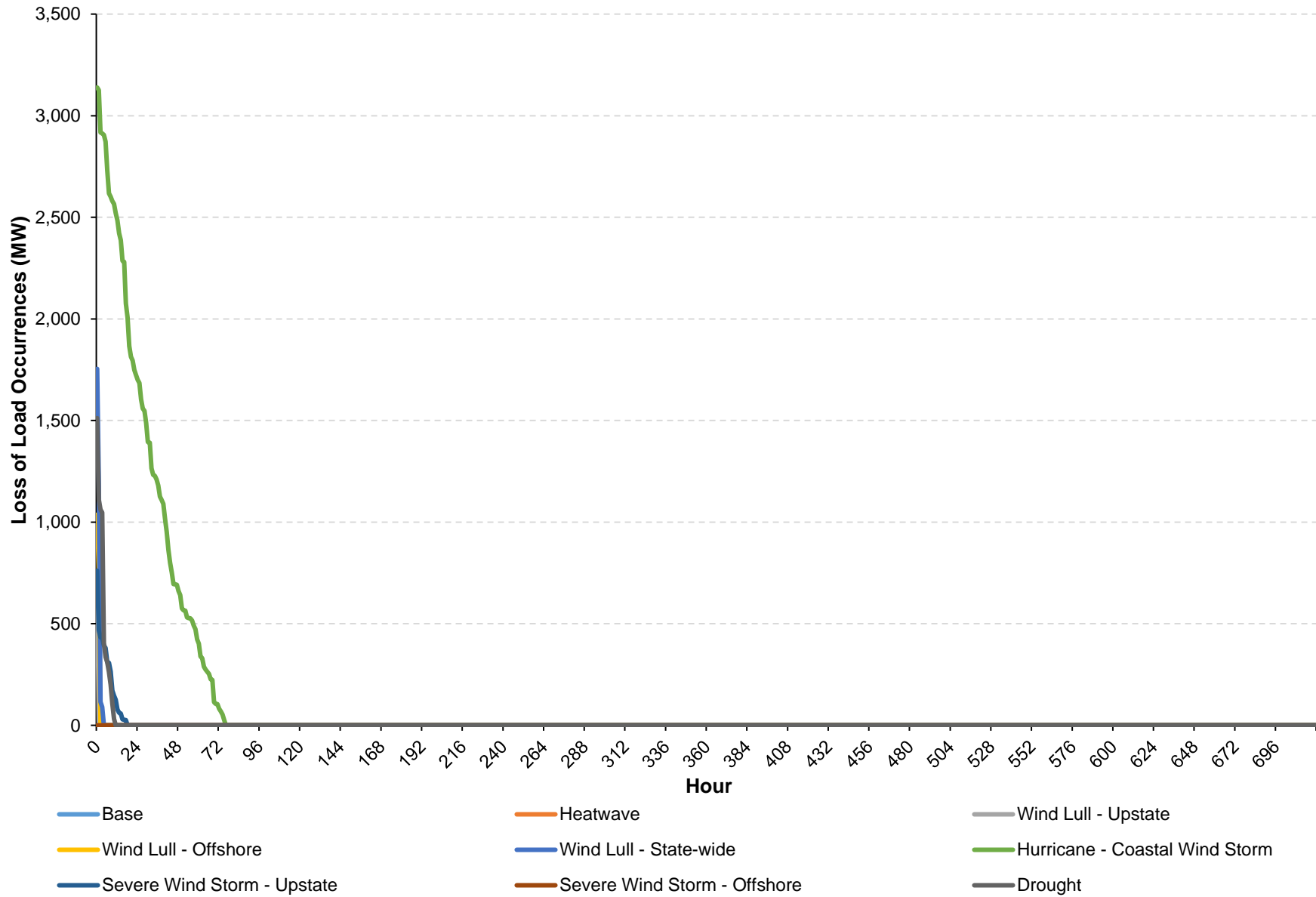
NYCA
DE Resource Generation (MW)

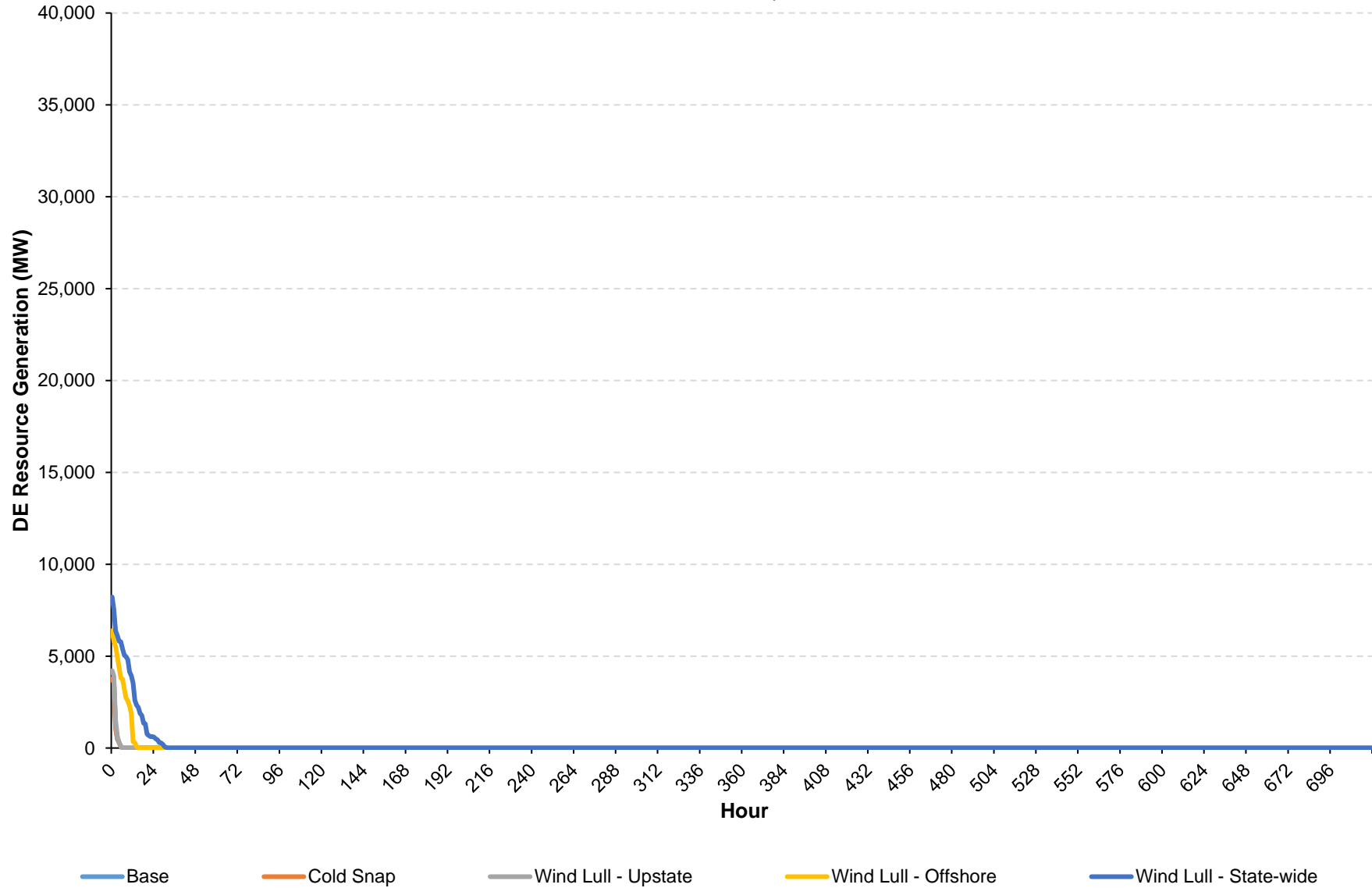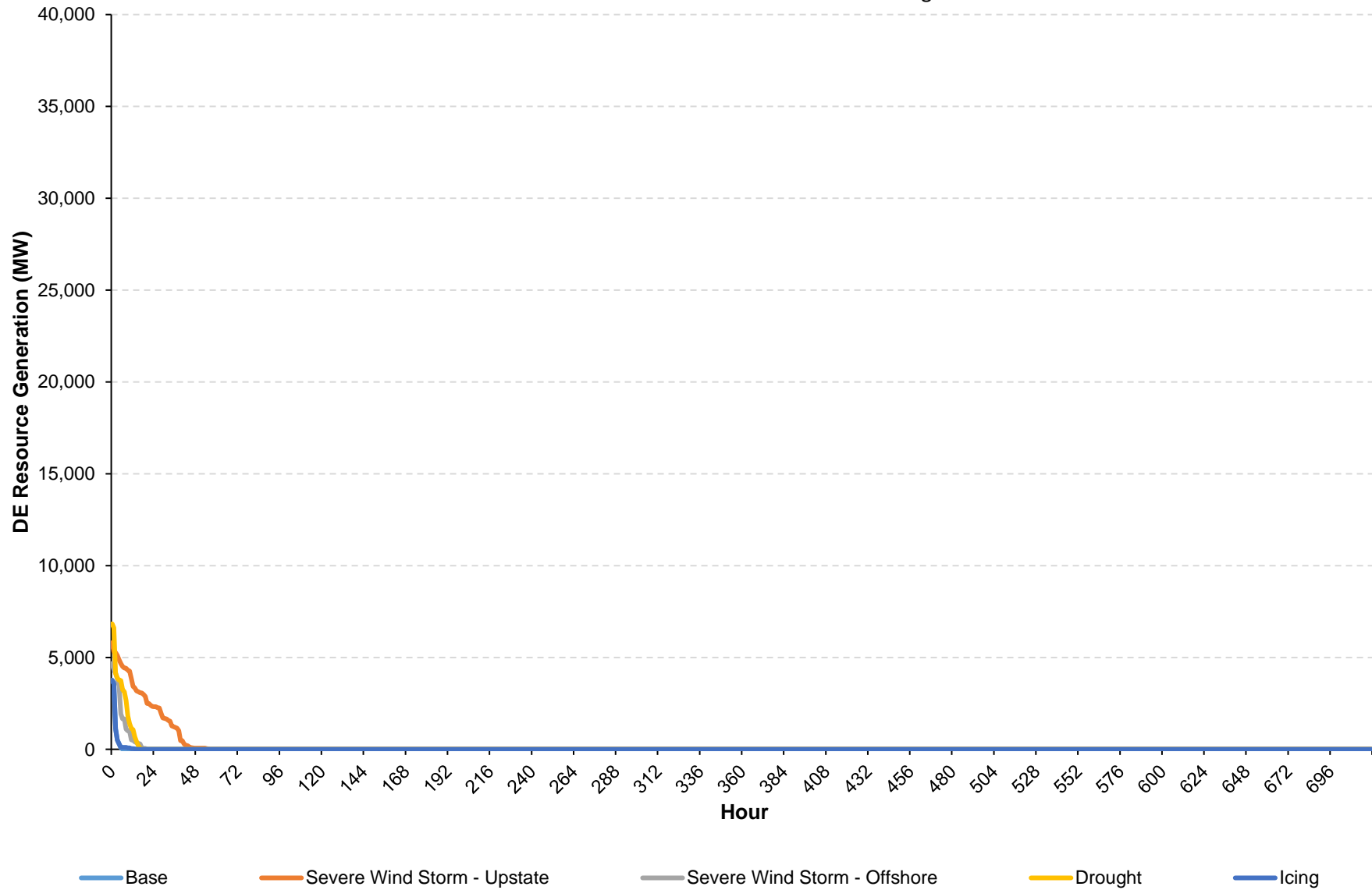Reference Case - Summer - CCP2 Resource Set: Storm and Drought Scenarios

NYCA
Loss of Load Occurrences (MW)

Reference Case - Summer - CCP2 Resource Set: All Scenarios

NYCA
DE Resource Generation (MW)
Reference Case - Winter - CCP2 Resource Set: Base, Temperature Wave, and Wind Lull Scenarios

— Base   — Cold Snap   — Wind Lull - Upstate   — Wind Lull - Offshore   — Wind Lull - State-wide
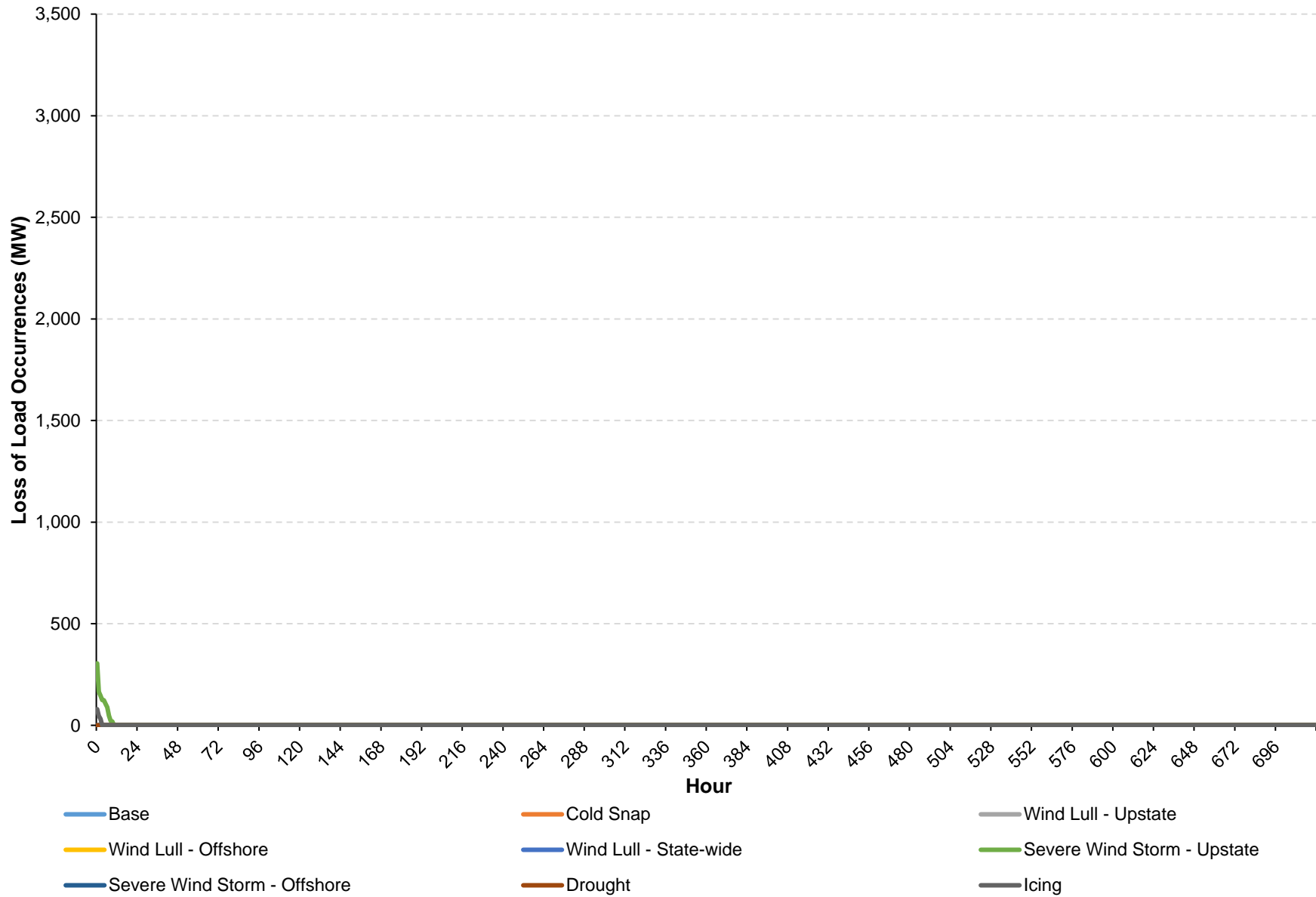
NYCA
DE Resource Generation (MW)

Reference Case - Winter - CCP2 Resource Set: Storm and Drought Scenarios

NYCA
Loss of Load Occurrences (MW)
Reference Case - Winter - CCP2 Resource Set: All Scenarios

Base	Cold Snap	Wind Lull - Upstate
Wind Lull - Offshore	Wind Lull - State-wide	Severe Wind Storm - Upstate
Severe Wind Storm - Offshore	Drought	Icing

NYCA
DE Resource Generation (MW)

CLCPA Case - Summer - GIT Resource Set: Base, Temperature Wave, and Wind Lull Scenarios

NYCA
DE Resource Generation (MW)
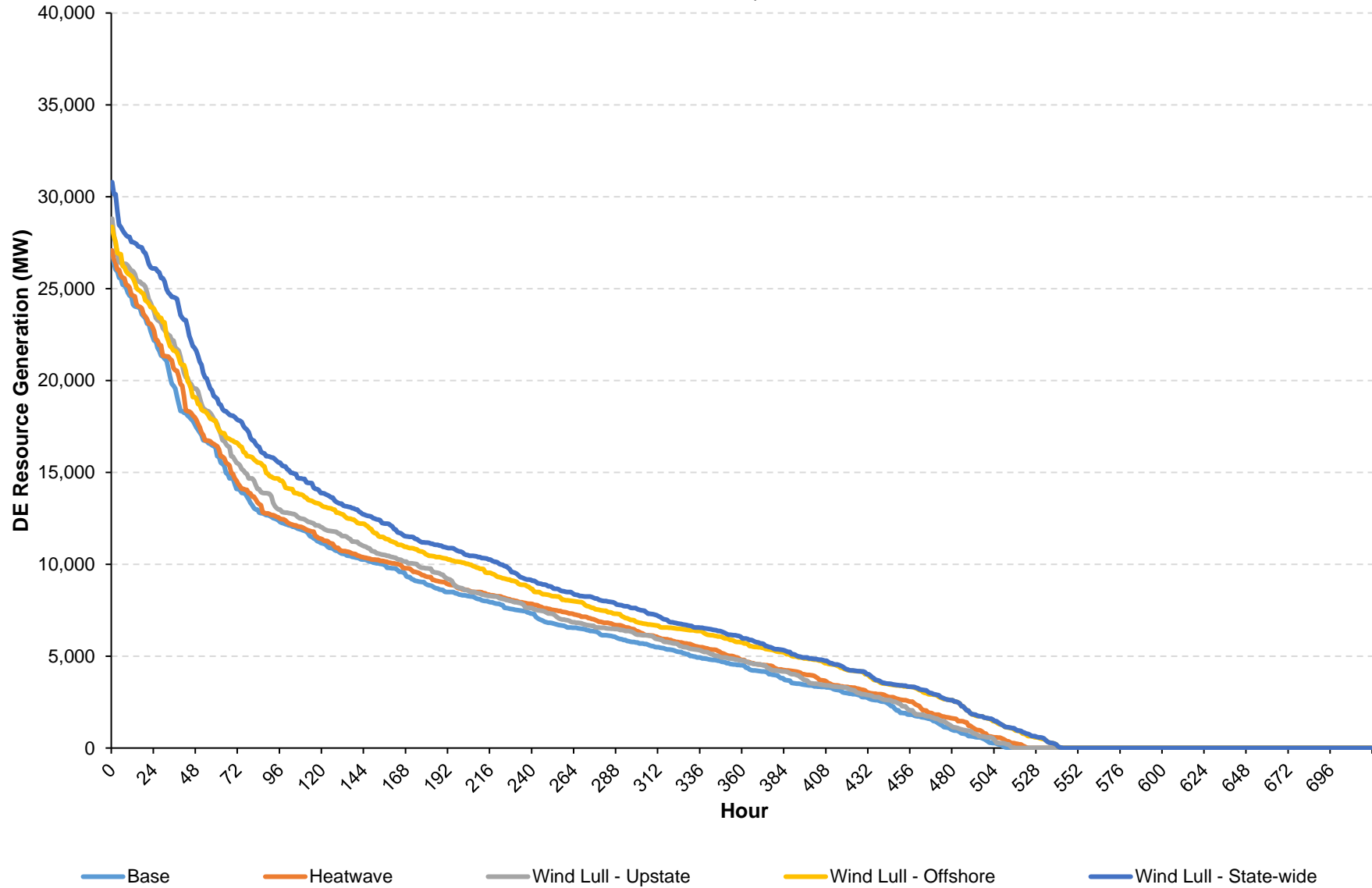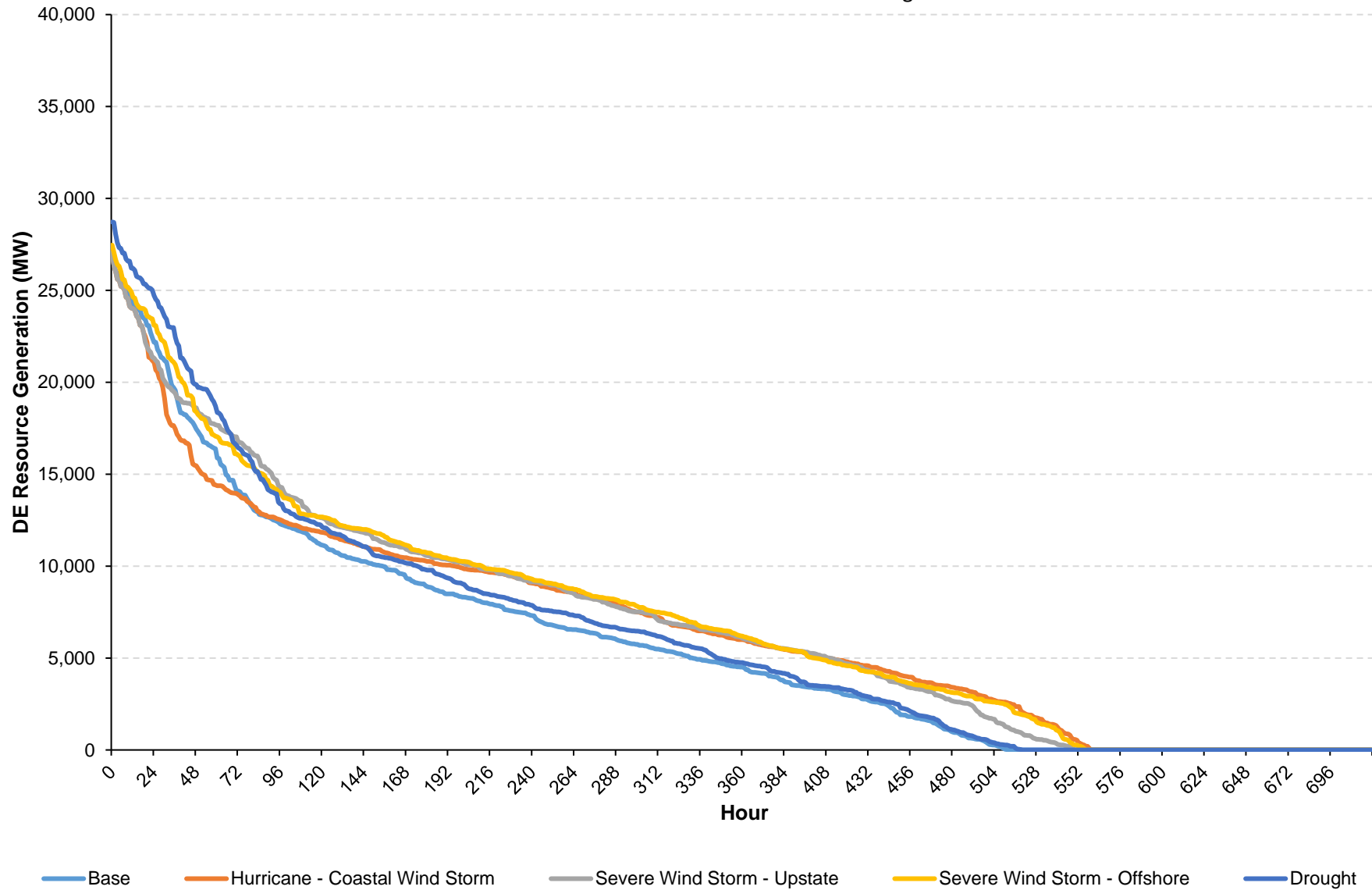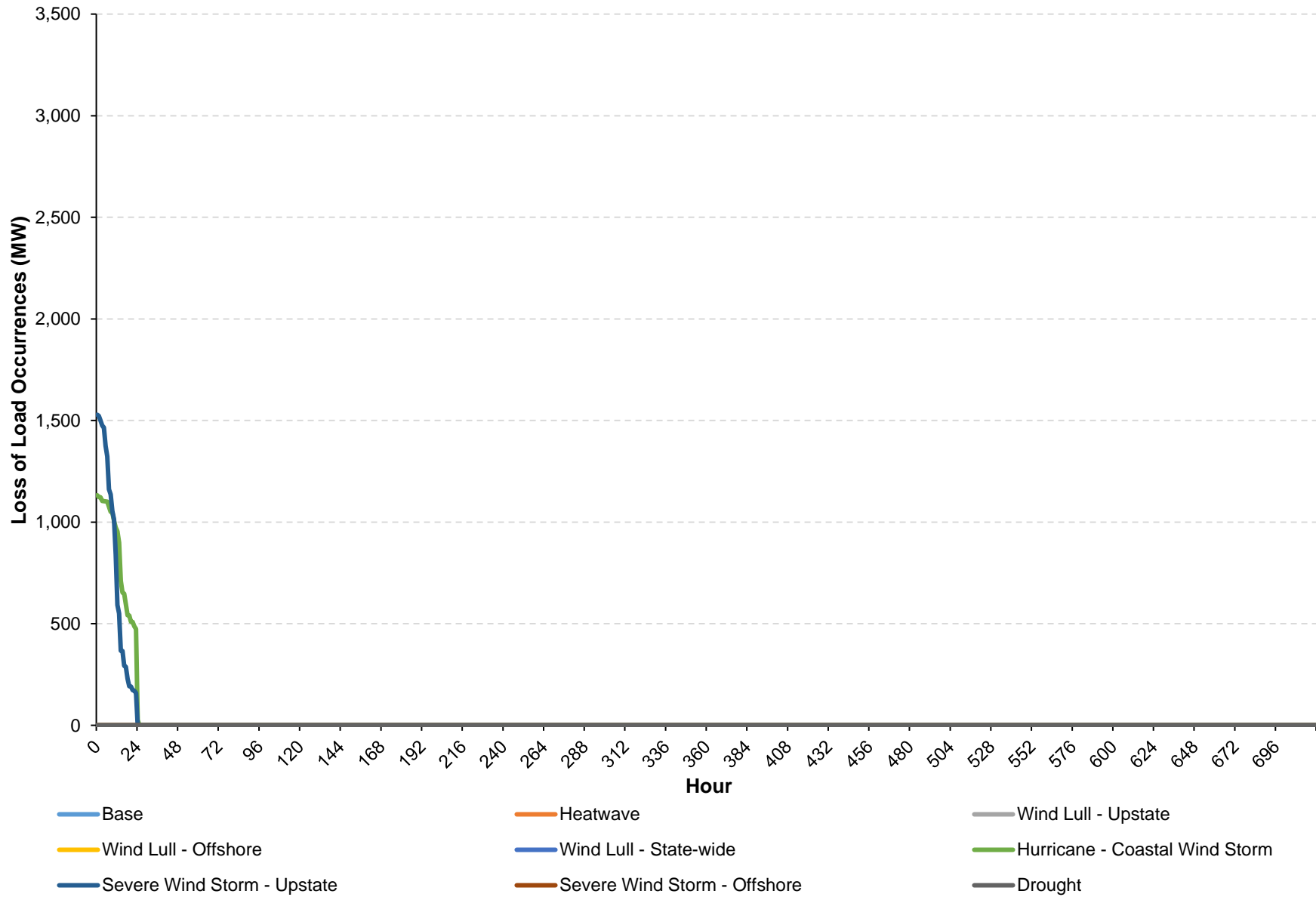### CLCPA Case - Summer - GIT Resource Set: Storm and Drought Scenarios

Legend: Base | Hurricane - Coastal Wind Storm | Severe Wind Storm - Upstate | Severe Wind Storm - Offshore | Drought

NYCA
Loss of Load Occurrences (MW)

CLCPA Case - Summer - GIT Resource Set: All Scenarios

Legend:
- Base
- Heatwave
- Wind Lull - Upstate
- Wind Lull - Offshore
- Wind Lull - State-wide
- Hurricane - Coastal Wind Storm
- Severe Wind Storm - Upstate
- Severe Wind Storm - Offshore
- Drought

NYCA
DE Resource Generation (MW)

CLCPA Case - Winter - GIT Resource Set: Base,Temperature Wave, and Wind Lull Scenarios

NYCA
DE Resource Generation (MW)

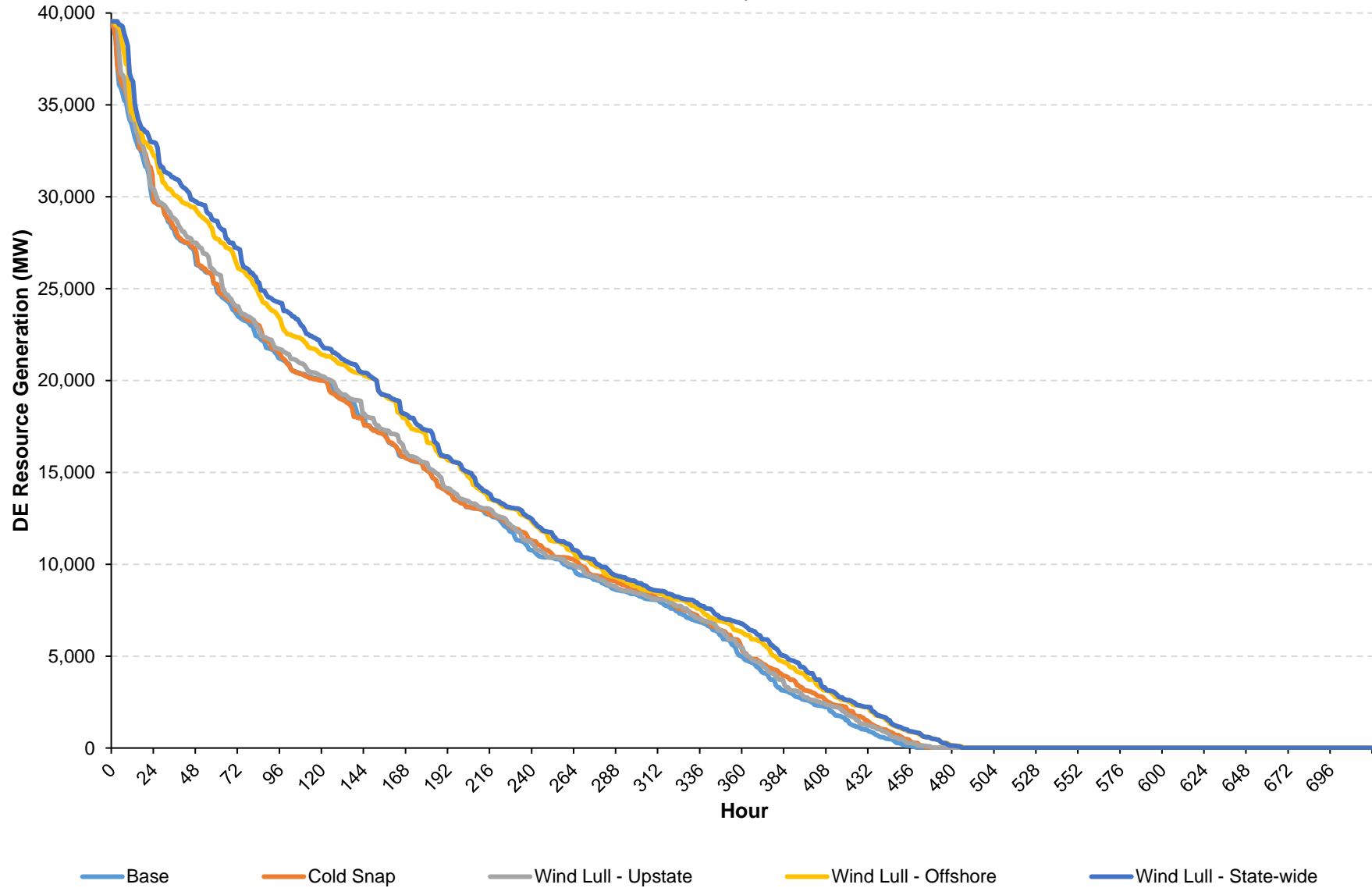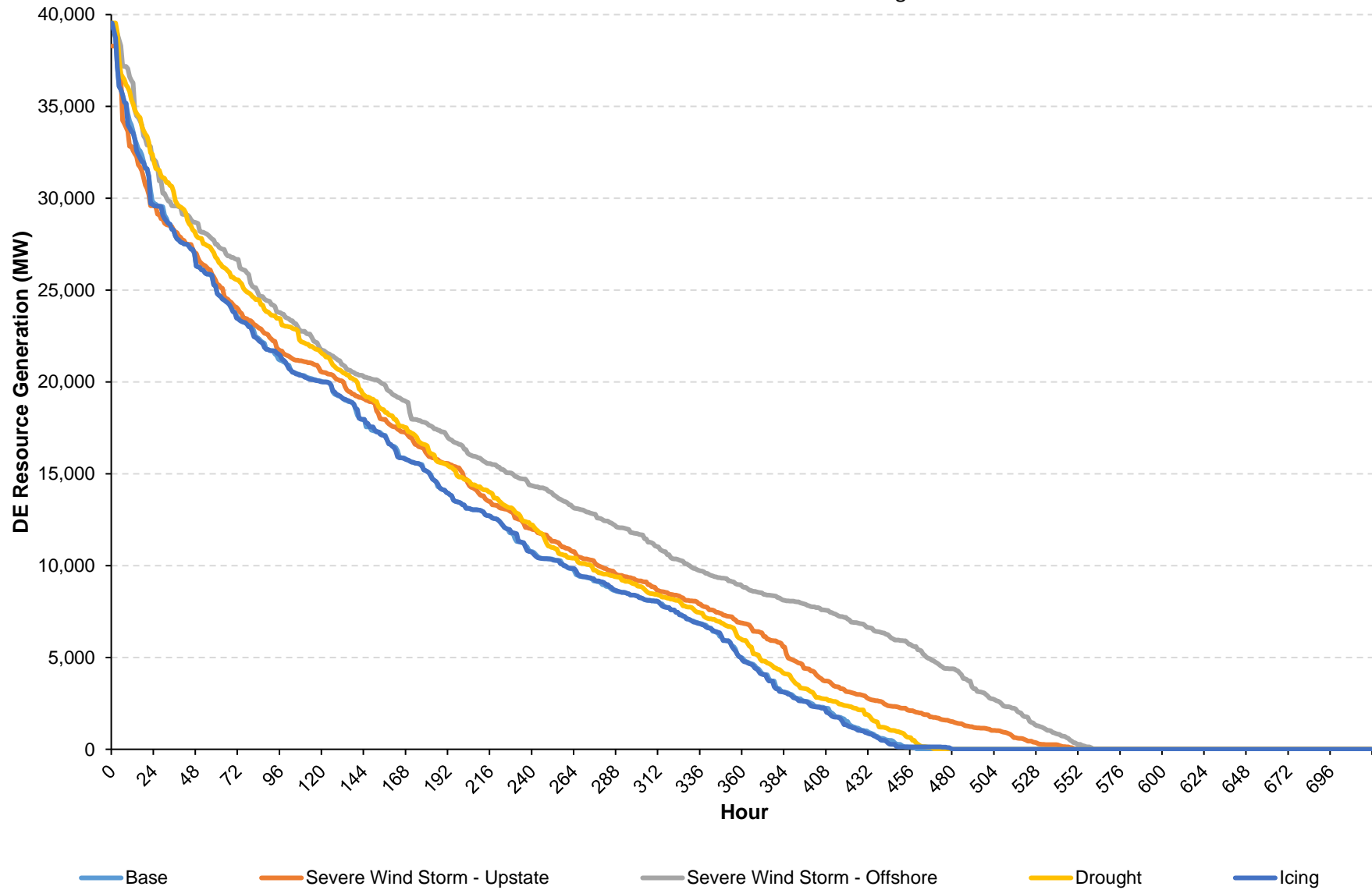CLCPA Case - Winter - GIT Resource Set: Storm and Drought Scenarios

NYCA
Loss of Load Occurrences (MW)
CLCPA Case - Winter - GIT Resource Set: All Scenarios

Legend:
- Base
- Cold Snap
- Wind Lull - Upstate
- Wind Lull - Offshore
- Wind Lull - State-wide
- Severe Wind Storm - Upstate
- Severe Wind Storm - Offshore
- Drought
- Icing