Winter Storm Elliott

February 2023

Southern Company

Winter Storm Elliott Event Summary

- Loads set all-time December highs, with the coldest December temperatures since 1989
- Forecasts were significantly below actual loads, expecting typical declines in demand over weekends and holidays
- Combination of higher demand and loss of generation early Christmas Eve morning led to an EEA1, progressing to an EEA2
- Actions taken with declarations of EEA1 and EEA2 both reducing demand and increasing supply mitigated risk of firm load shed
- Extreme cold weather design changes were tested and should continue to be implemented
- All generation types and fuels contributed to serving loads throughout the event
- Fuel assurance strategies and our diverse fuel mix proved critical to system operations
- Communications and collaboration across functions and neighboring utilities were critical to managing system reliability

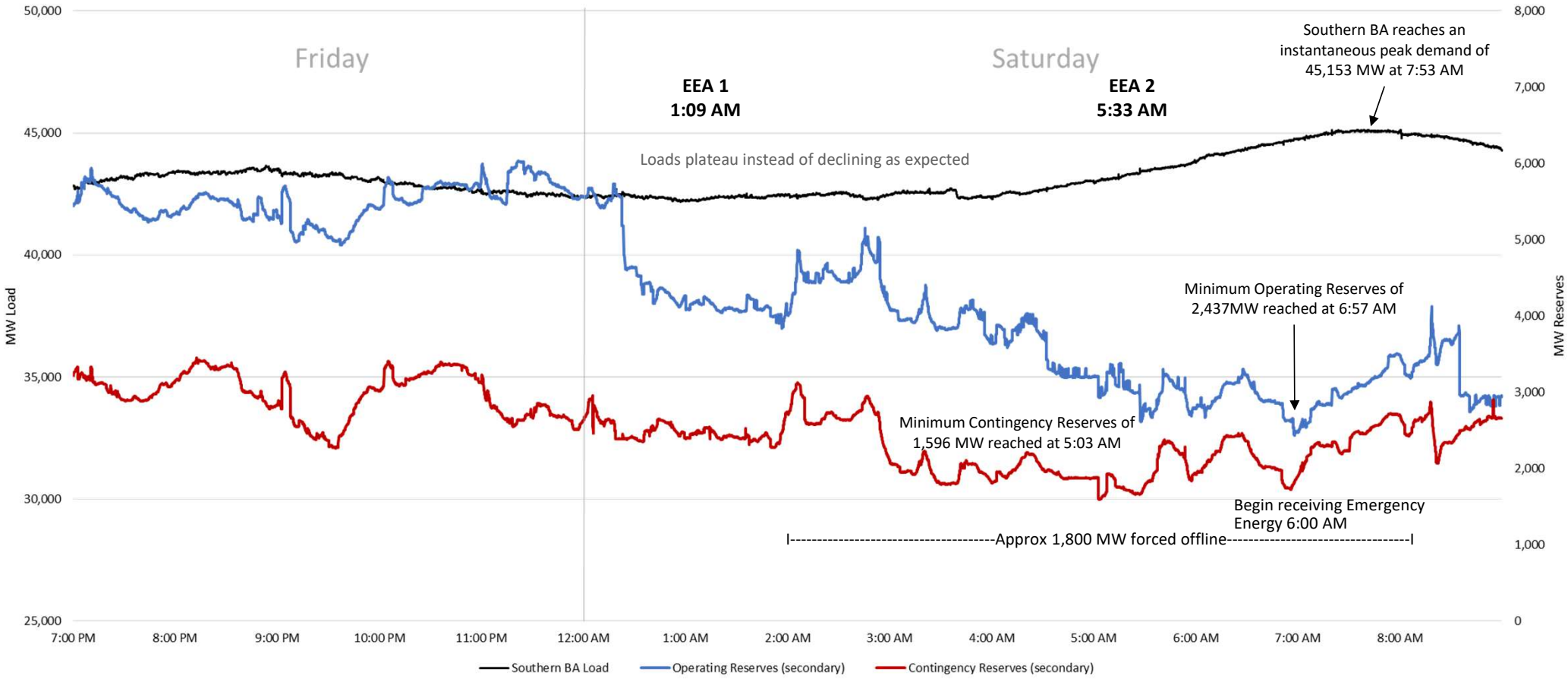
Timeline



*Operating Reserves increase as loads ramping down, some generating capacity returns and solar ramps up

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Southern Balancing Area (SBA)



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