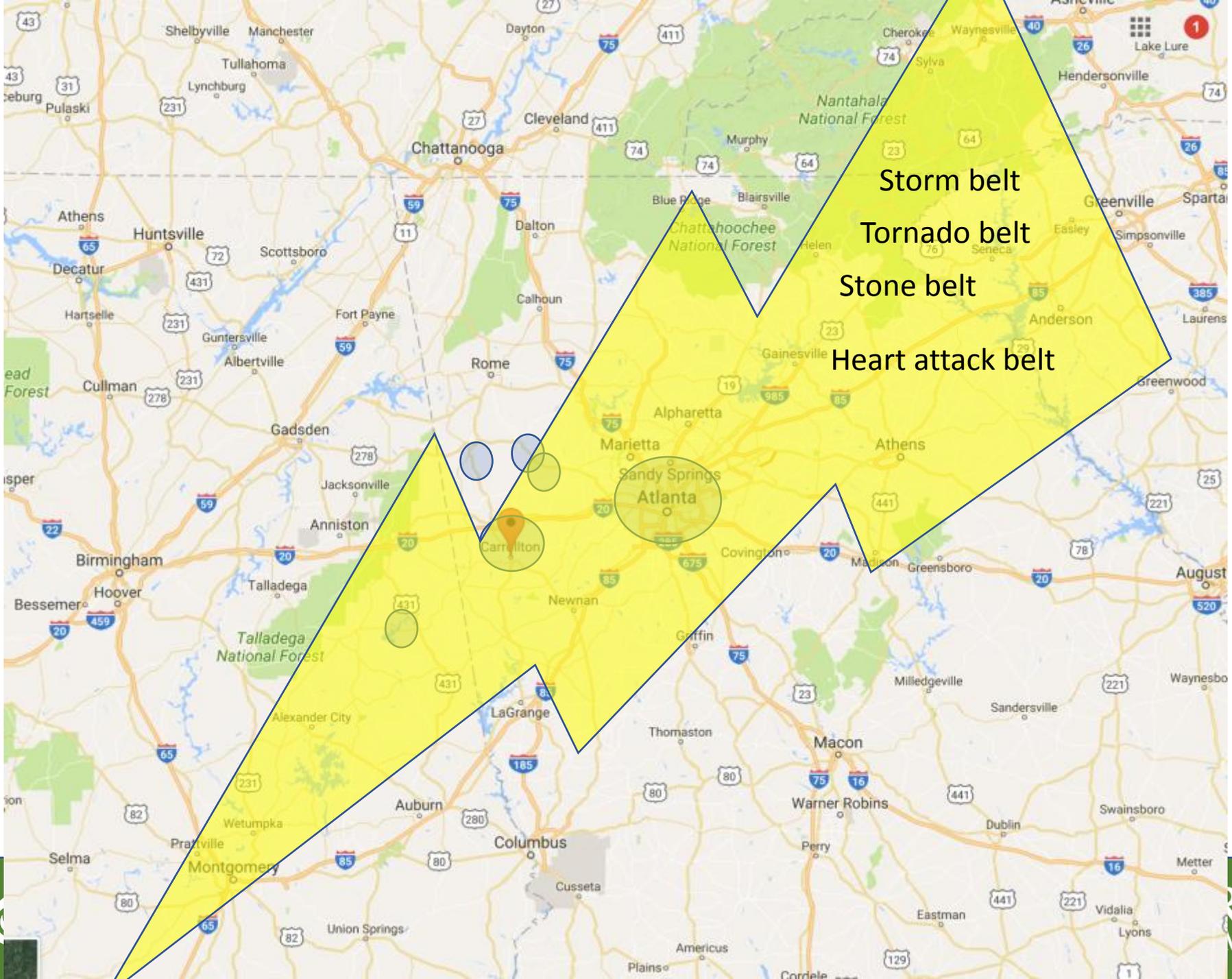




A hair-raising, unnerving 2 hours and 35 minutes at Tanner Health System on Monday, April 3, 2017

When it comes to your facilities, your hospitals, and your patients in those facilities, what is your worst nightmare?



Storm belt

Tornado belt

Stone belt

Heart attack belt

Tanner Health System

- \$500 million in net revenue
- 10% operating margins, 23% EBIDTA margins
- 330 days cash
- 115,000 emergency room visits annually
- 50,000 urgent care visits
- 330,000 Tanner Medical Group physician office visits
- Over 3,000 employees and growing
- \$150,000,000 of construction projects in varying stages

Timeline on April 3, 2017

- 10:50 hours – The National Weather Service (NWS) issued a Severe Thunderstorm Watch that included Carroll County
- 10:52 hours – NWS issued a SEVERE THUNDERSTORM WARNING which included Tanner Medical Center/Carrollton
- 10:57 hours – NWS issued a TORNADO WARNING which included Tanner Medical Center/Carrollton
- 10:58 hours –Patients moved into the hallway
- **10:59 hours – Loss of all Electrical Power to TMC/Carrollton**
- 11:44 hours – Emergency Power restored to Tanner Medical Center/Carrollton
- 11:51 hours –Patients moved back into their rooms.
- **13:25 hours – Normal power from Georgia Power restored to TMC/Carrollton**

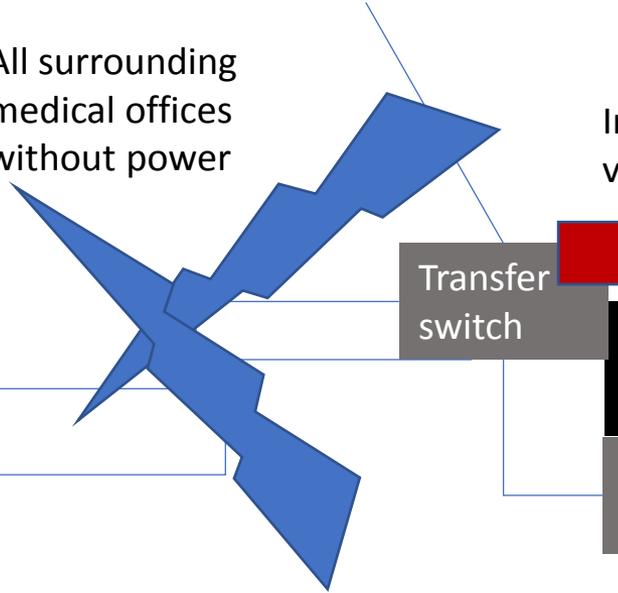


Lost at 115,000 Volt
Main Transmission
Line from local plant



Impacted other high
voltage power lines

All surrounding
medical offices
without power



Transfer
switch

**Tanner Central Energy
Plant**

Generator 1 480 volts	Generator 2 480 volts
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Must be in sync

Resulting power surges knocked the generators out of sync- they were “chasing” each other- one at 580 and one below 480- transfer switch would not lock in due to safeguards- voltage disparity

**Had to completely shut
down generators and
restart to restore
synchronicity-
VOLTAGE REGULATORS**

Impact

- Command center- disaster
- ED Diversion
- 3 surgery patients on table
- 1 cath lab patient on table
- Lost revenue
- Surrounding medical offices and outpatient services
- Atlanta News
- Unforeseen consequences
- Teamwork