



# PJM, Point Heatwave

June, 2024

## PJM

### Heatwave

From June 16-22, 65 million customers in regions like Pennsylvania, New Jersey, Maryland, and Ohio experienced highs of 90-100°F. As temperatures climbed, electricity consumption spiked, with demand frequently exceeding 150,000 MW, compared to PJM's typical summer load of 115,000-130,000 MW. The grid operator struggled to keep pace with demand, risking potential blackouts.



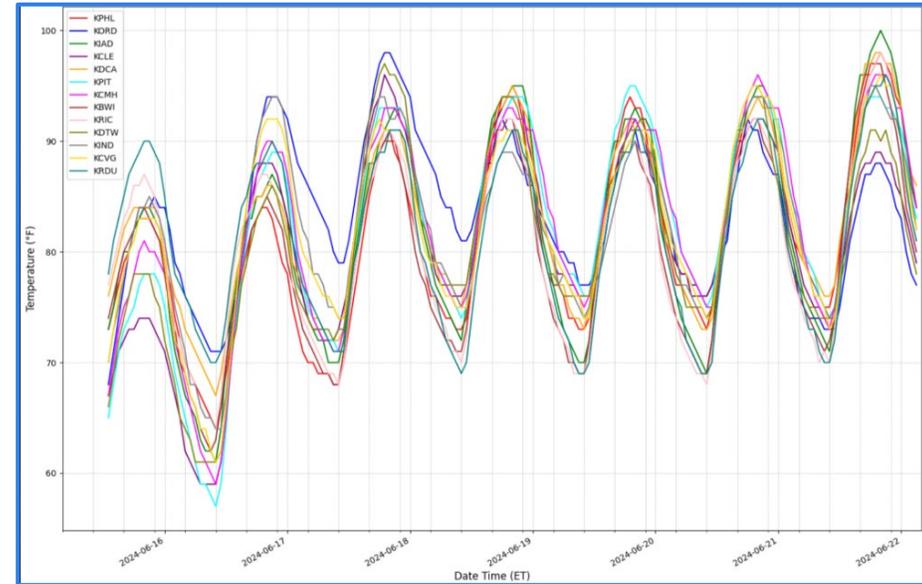
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Climavision's Horizon AI Point Forecast could have provided critical, hyper-local insights into temperature trends during this period. The model forecasted 90+ degree days across PJM's largest cities for June 17-22.

As demand soared, wholesale electricity prices skyrocketed. On June 22nd, PJM's Eastern Hub hit \$93.68 per MWh, well above the typical \$30-\$50 range. If Climavision's forecasts had been used, energy providers could have adjusted their strategies, avoiding price surges and minimizing financial risks.



Climavision Horizon AI Point for June 16-22, shown in a meteogram output

