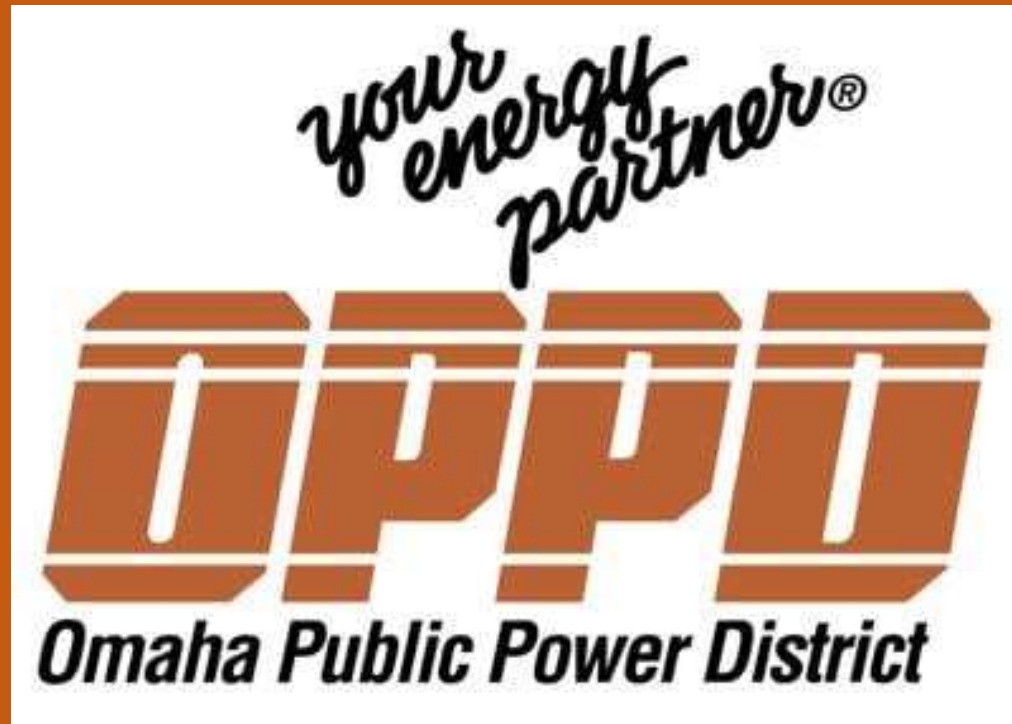


STORM
RESTORATION
EVENT

PAUL ODDO-"BIRD DOG"



The Event July 9th, 2021

- A storm system made its way across Nebraska on July 9th and 10th producing hail and high winds.
- Damage was seen statewide and wind gusts greater than 60 mph were observed at several reporting stations (86 mph at Alliance, 70 mph at North Platte, 84 mph at Grand Island, 65 mph at Lincoln and **93 mph at Omaha**)



EVENT FACTS

- National Weather Service meteorologist reported Omaha's Eppley Airfield recorded a wind gust of 96 mph at one point during the storm. That would be the highest wind gust ever recorded at the airport
- OPPD's service territory, covers 5,000 square miles. Damage was done to 1/3 of that territory
- Nearly 185,000 homes and businesses lost power on July 10th, making it one of the worst in 24 years.
- 185,000 power outages. In terms of outages this was worse than the 1997 October snowstorm and the 2008 June windstorm by more than 30,000 outages.

Steps to restore power

1 Receive outage report



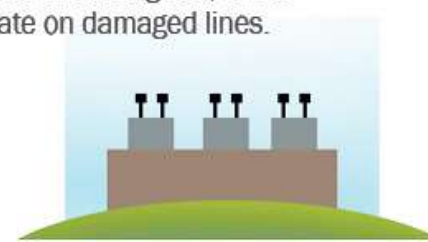
2 Protect public safety

Clear downed lines and prioritize public health and safety facilities.



3 Check generation facilities and substations

As long as the plants are running and substations are energized, OPPD can concentrate on damaged lines.



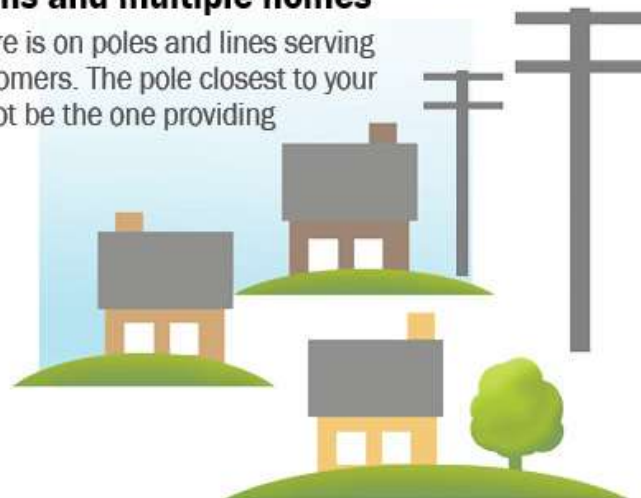
4 Check main distribution lines

Main lines affect multiple customers. They are repaired first.



5 Repair lines serving subdivisions and multiple homes

The focus here is on poles and lines serving multiple customers. The pole closest to your house may not be the one providing your power.



6 Repair individual service lines

If the service line from the pole to your individual meter is damaged, this may explain why your neighbors have power and you don't.



EMERGENCY SOP

- Survey Of Damage/As soon as it safe
- Mapping outages/Dispatch information on Circuit Lockouts
- Assembly Calls to those in mutual assistance agreement
- Onboarding of Manpower through Actalent
- Prep Meetings
- Execution: Prioritizing of outages and emergency downed live lines. Outages are prioritized by the number of customers on a circuit, so the largest number of customers can be brought back online at one time.

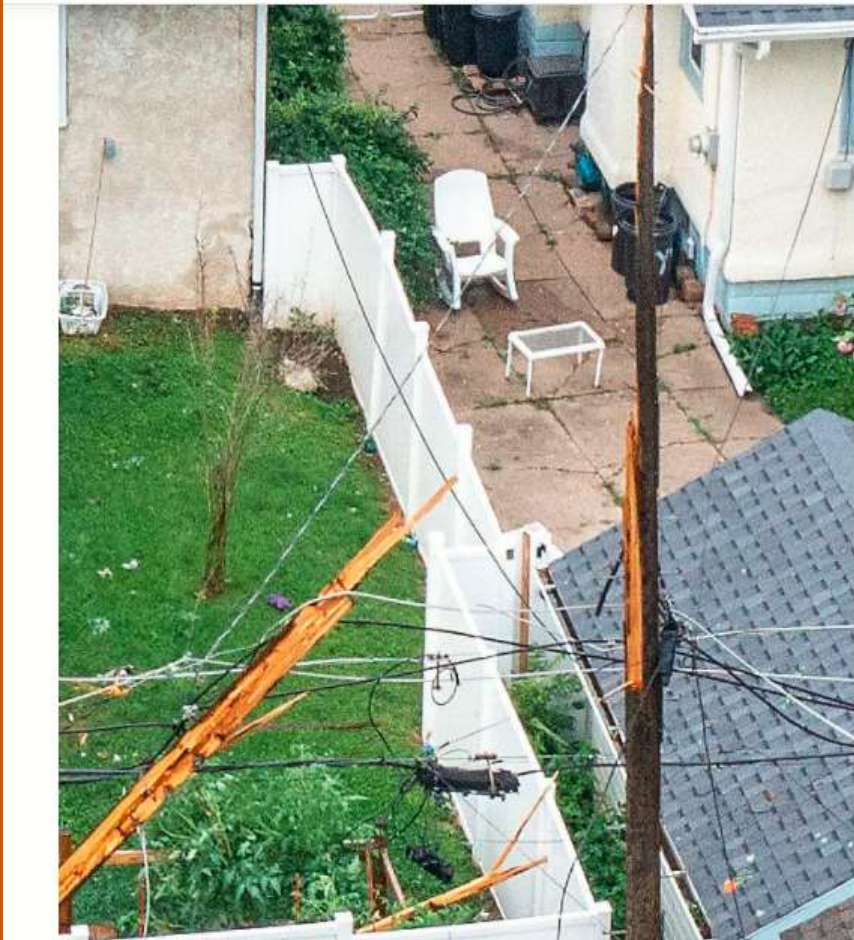
STORM EVENT PHOTOS



EVENT PHOTOS



STORM EVENT PHOTOS





MANPOWER- BIRD DOGS

- Electrical Lineman-More than 130-line workers available to help once weather rolls in.
- Crew Leaders: Access to 30-100/Former OPPD managers are onboarded through Actalent. This revolves around a list of that is built as people retire and are called in for emergencies.
- 900 field workers Total – from damage assessment and downed wire crews to tree crews and line techs –
- Hours were 12+ Hours and Actalent Bird Dogs logged more than 100+ hours in 6.5 Days.



OUTAGES TIMELINE

- 7/9/2021 12:10 PM outages begin 185,000 total outages
- 7/10/2021 5:00 AM 177,000 total Outages
- 7/10/2021 7:30 AM 167,000 Total Outages
- 7/10/2021 1:48 PM 110,000 Total Outages
- 7/13/2021 6:00 PM 7,100 Total Outages

Goal of 99.5% Restoration by Friday was achieved at 8:30 PM

Execution

The How

What does the day to day look like for such a large storm Restoration project?





MANPOWER-LOGISTICS

- Crews-Most are 3–5-man crews
- Lodging- Hotels/Dormitories at UNO (a first for this storm)
- Food-Catered in and/or distributed to crews by OPPD support personnel. Breakfast and Lunch. Crews on their own for Dinner
- Water/Gatorade/Ice/Healthy snacks at staging sites (UNO Parking Lot/Papillion Center/Omaha Center/Elkhorn Center/Ralston Arena Parking Lot)
- Communication-Laptops, cell phones

CALL TO ACTION- OPPD



- Update of new contacts and removing old contacts and connections.
- 3 Million Dollars was budgeted for proactive tree trimming from July to November.
- Sought consumer feedback for future storms. Continuing to add mutual aid partners that can 1099 or Onboard through Actalent.



What Can you do!

- That includes securing outdoor furniture, moving holiday decorations inside and having an extra source of light in case your electricity goes out.
- Keep Trees Maintained and Trimmed
- Consider a Generator for short term outages
- Check your emergency preparedness kit and make sure it has flashlights and those kinds of things that are good to have any time of the year."
- If you experience a power outage to call it in. Don't assume workers will automatically be aware of your situation.