



Lessons Learned Update: July Storm Restoration Efforts

December 2024

Executive Summary

As a result of the July 31 storm, OPPD is proud of the significant response which included:

Coordination of largest storm restoration effort in our history

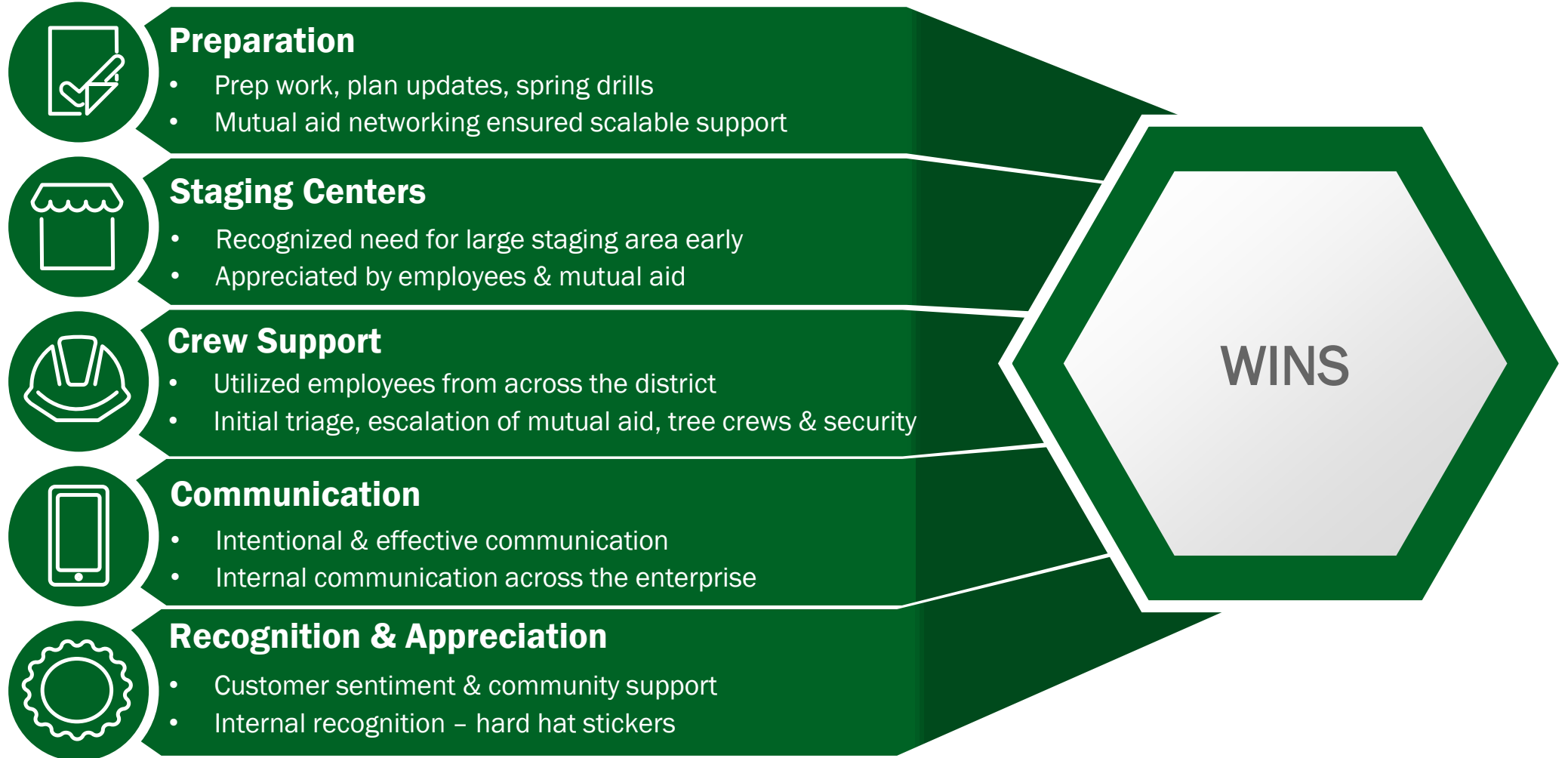
- Mobilization of 1,500 mutual aid workers
- Set up large-scale staging center to support mutual aid crews
- Employees & mutual aid crews working long shifts in adverse conditions

Following the storm, OPPD acted to learn and improve from this historic outage:

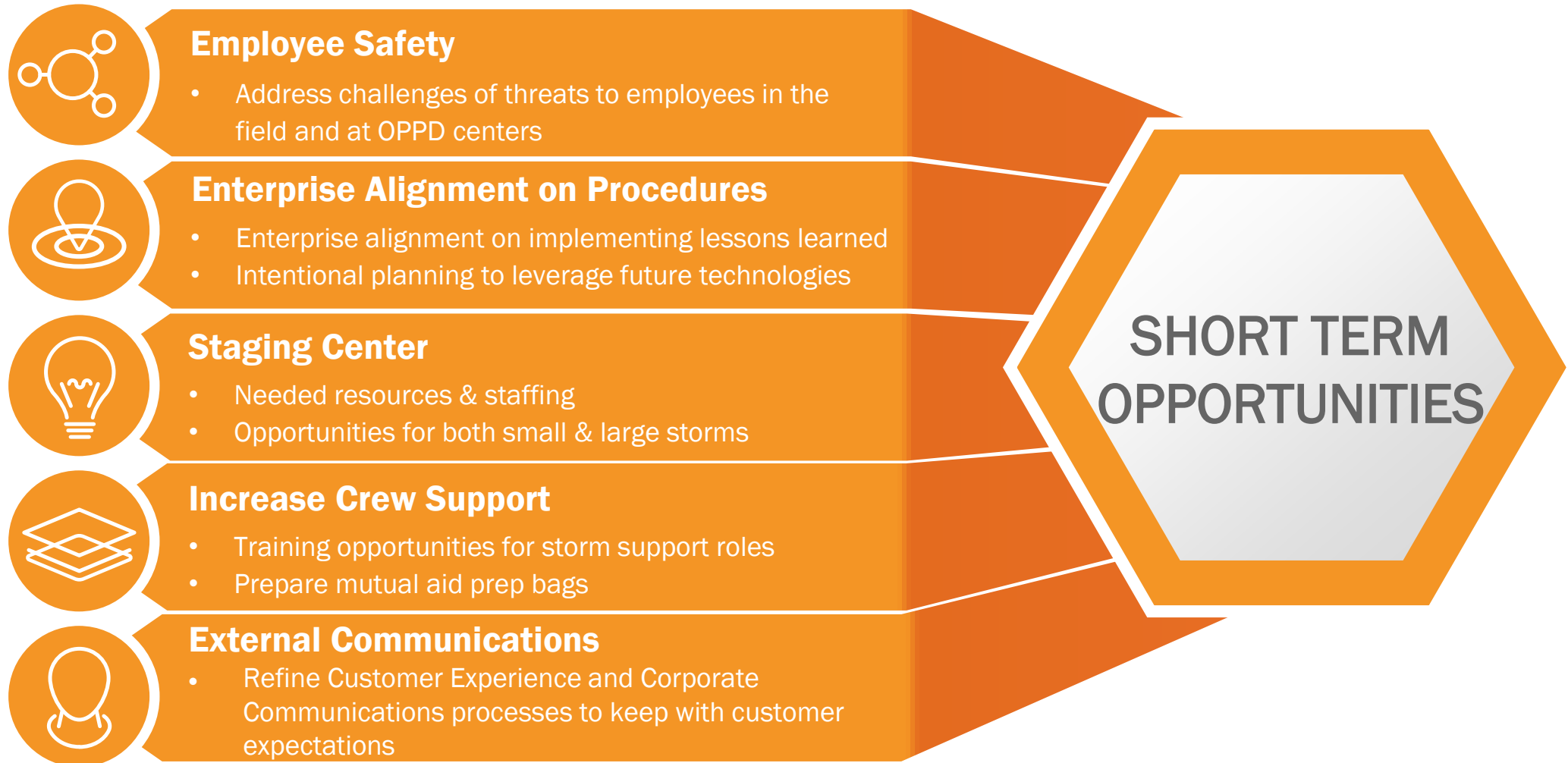
- Leadership engaged employees for feedback on storm restoration efforts – approximately 360 wins, lessons learned and ideas were submitted
- OPPD conducted a review of all submitted lessons learned and prioritized efforts to better prepare for future events.



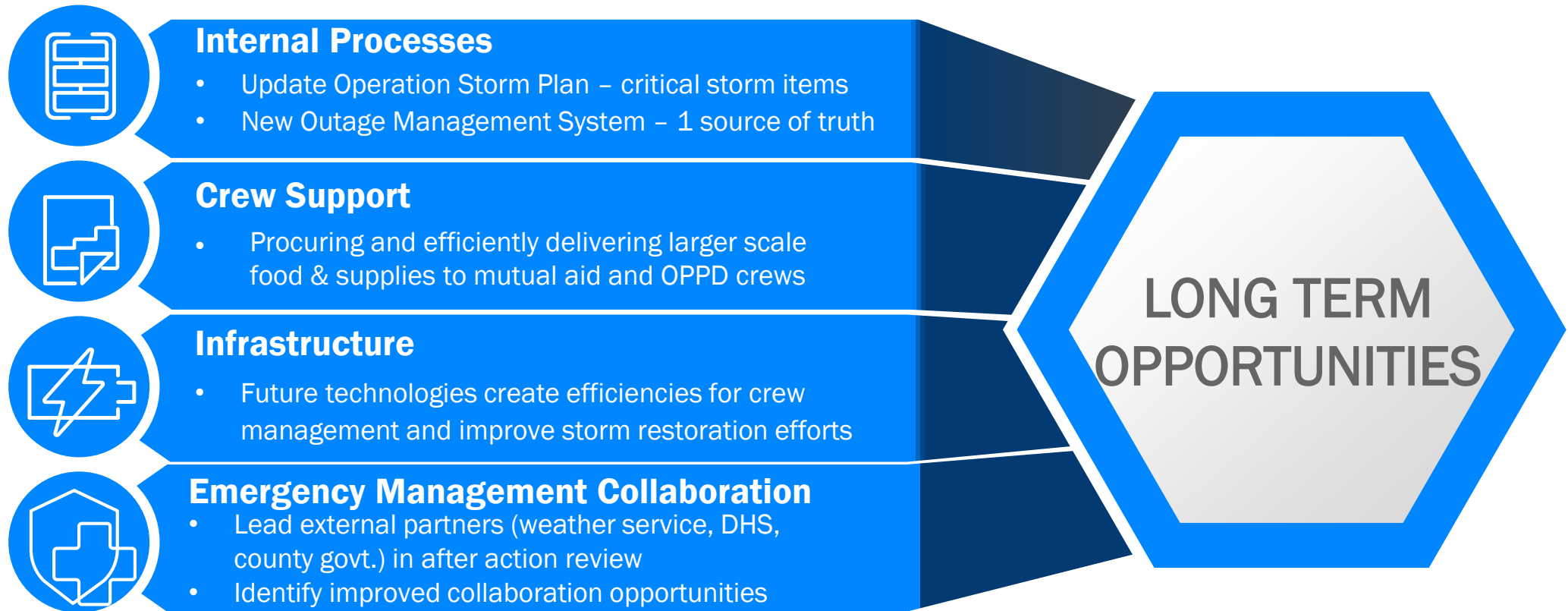
Lessons Learned



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Systems Weather Hardening

OPPD's 2025 Corporate Operating Plan, includes \$36M investment in weather hardening our system, including:

- ✓ Increasing tree trimming
- ✓ Targeted transition of overhead equipment to underground facilities
- ✓ Upgrading generating facilities to reduce risks of extreme weather impacts
- ✓ Enhancing design standards (airflow spoilers, steel poles, conductor replacements)
- ✓ Implementing grid automation technologies

Next Steps

- Action items have been assigned
- Plan & execute large-scale storm table-top exercise
 - Validate changes to storm plan will work
- Alignment between the enterprise and storm plan on changes / lessons learned

