

City of Williston

RE: Docket No. 20170215-EU – Review of electric utility hurricane preparedness and restoration actions.

Staging for Utility Personal and Mutual Aid

1.

a.

b. N/A

c. N/A

2. Utility Manager – Directs Utility Crew by working in the field to help maintain and restore power. The Utility Manager dispatches to the Utility Administrative Assistant on which sections of the power grid have been restored and / or how long other sections might be out for. (1)

Utility Crew – Utility Personal maintains and restores power. (8 Personal for the initial hit of storm)

Utility Administrative Assistant – Assists with call center. Keeps a detailed list of power outages and dispatches them from the Police Department Dispatch Center to the Utility Manager in the field. The Utility Admin. Assistant keeps all documentation for FEMA during the storm. (1 – Utility Admin. Assistant)

Police Department Dispatch – Takes all calls for power outages. (3 Dispatchers)

Building Officials – Assess all damages after storm. Advises customers of process for obtaining aid and permits for damage. Any permits that are needed the Assistant will process and dispatch to the Utility Crew for assistance that might be needed from the Utility Crew for recovery of power

City Manager – Assisted in Dispatching

3. N/A

4. & 5. Building Officials assess for any major damage and found none. The Utility Crew and Utility Manager assess damage for the sections (NE, SE, NW, SW) as power is being restored. This would prompt damage needing a permit. Crew and Manager would let residents know of why they were still out of power (because of service entrance & masts, etc.). The Manager then advised the Utility Admin. Assistant of the damages and which sections were restored. Also, as customer called to report outages a list was made and customers were filed based on sections (NE, SE, NW, SW). This would allow the Manager to see which areas might have problems still needing restoration.

Once a permit was obtained by the resident and work was completed to regain power, the Admin. Assistant contacted the Building Officials for inspection. Upon approved inspection the Utility Crew was advised to hook power up for service.

Restoration Workload

6. The City of Williston Utility Department begins restoration efforts by patrolling its electric infrastructure. Efforts are made to clear the roadways containing electric infrastructure. This is primarily completed by one of the 2 lines crews with the assistance of public works.

Next, as the electric system is small, Utility Crews (Lineman) isolate the damaged areas then start at the substation and work outwards into the distribution system towards the critical facilities such as Nursing Homes, Hospitals as well as Sewer Lift Stations, water wells and shelters. Efforts are then concentrated on large subdivisions restoring power to many customers at one time. This continues until all service is restored.

7. Utility Manger 25years 5 Crews
8. As explained above in the process of restoring power.
9. N/A

Staffing Considerations

10.

- a. N/A
- b. N/A
- c. 8
- d. N/A
- e. 0
- f. N/A
- g. 0
- h. N/A

11. Hermine – Fully restores 9/02/2016
Irma – Fully restored 9/12/2017

Customer Communication

- 12. a. 1,233
b. peak number of outages due to substation failure from Duke Energy = 1,223
- 13. Customer service closed utilized Police Dispatch.
- 14. 5
- 15. 92
- 16. Phone, paper & pen (by hand).
- 17. N/A – a. none
- 18. They are categorized per address by section.
- 19. No script.
- 20. We do not contact customers.

Material Considerations

- 21. a. b. c. d. – Limited fuel stored on site. City Utility Crew worked with local distributor to insure an adequate supply of fuel. Only issue was for Personal's fuel for commute to and from work.
- 22. None

Restoration Process

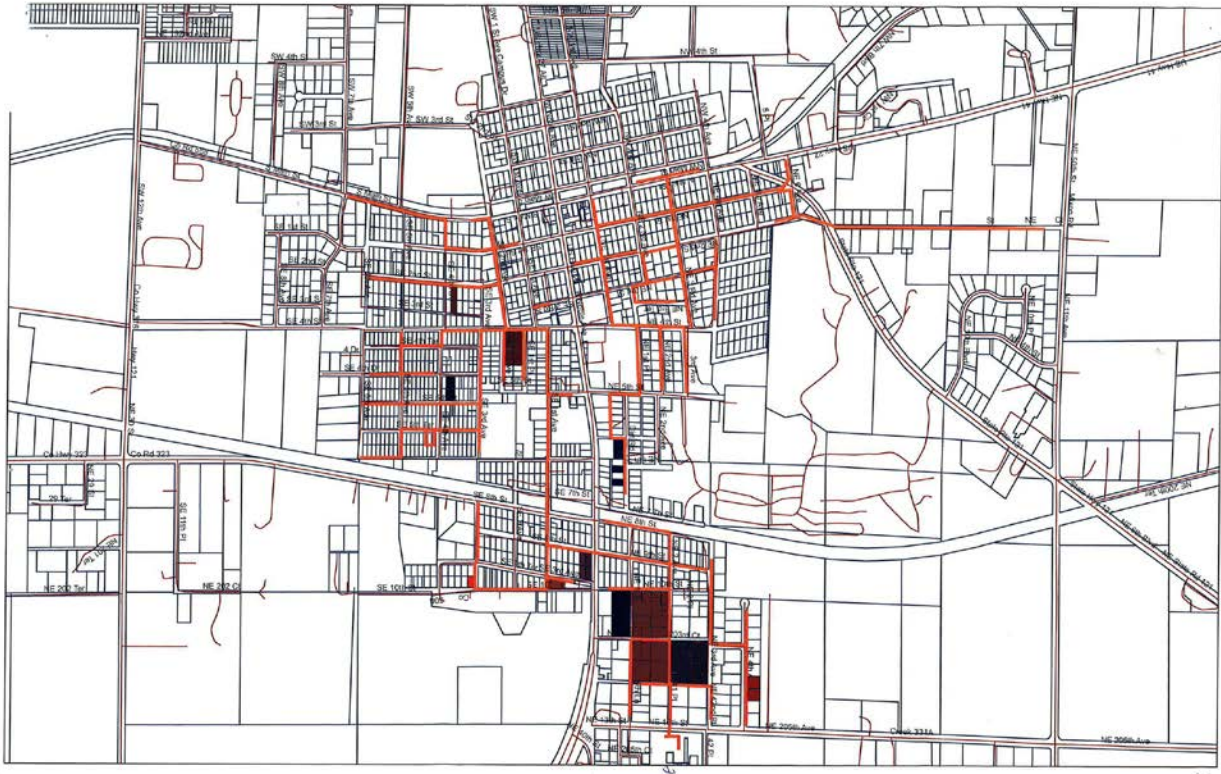
- 23-25. N/A – We are too small of a Utility to have a set on stone preparation and restoration plan.

Outages

- 26. N/A
- 27. N/A

Hardened and Non-Hardened Structures

28. See attached map with City limits.



29.

Hardened Facilities		
Hurricane	Number of Facilities Requiring	
	Repair	Replacement
<i>Transmission</i>		

Structures	0	
Substations	0	
Total	0	
Distribution		
Poles		3
Substation	0	
Feeder OH	12	
Feeder UG	0	
Feeder Combined		
Lateral OH		
Lateral UG		
Lateral Combined		
Total	12	3
Service		
Service OH	15	5
Service UG		
Service Combined		
Total	15	5

30. We have no Non-Hardened Facilities

31. 1. Excessive wind

2. Transmission provider shutdown

32.

33. NONE

34.

Critical Infrastructure Restoration

35.

Hurricane Irma - CIF				
CIF Name/Type	County/Location	Restoration Time	Outage Cause	Number if Facilities Requiring

(i.e Hospital)						
Nature Coast Hospital	Levy	12 hrs	Substation Failure		Repair	Replace
City Water Well	Levy	12 hrs	Same	<i>Transmission</i>		
City Sewer Station	Levy	12 hrs	Same	Structures		
Williston Rehab	Levy	12 hrs	Same	Substations		
				Total		
				<i>Distribution</i>		
				Poles		
Substation owned and operated by Duke Energy. Station was deenergized during the event.				Substation	Repair	
				Feeder OH		
				Feeder UG		
				Feeder Combined		
				Lateral OH		
				Lateral UG		
				Lateral Combined		
				Total		
				<i>Service</i>		
				Service OH		
				Service UG		
				Service Combined		
				Total		

Underground Facilities

36. N/A

37.