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UGI Utilities, Inc.
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Wilkes-Barre, PA 18711

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SECRETARY'S BUREAU

August 26, 2021

M-2021-3023564

VIA FEDERAL-EXPRESS

**Ms. Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Harrisburg, PA. 17120**

**Re: UGI Utilities, Inc. — Electric Division Unscheduled Service Outage Report
Filed pursuant to 52 Pa. Code §67.1**

Dear Secretary Chiavetta:

**Enclosed for filing please find an original and one copy of UGI Utilities, Inc. — Electric
Division's Unscheduled Service Outage Report, filed pursuant to the provisions of 52 Pa. Code §67.1,
related to an August 12th, 2021 outage event. A copy of this report has also been e-mailed to RA-
PUCPEMA@state.pa.us.**

Respectfully submitted,

**Eric Sorber
Vice President and General Manger
UGI Utilities Inc. - Electric Division**

**Enclosures
es/jd**

**ELECTRIC UTILITY REPORT OF OUTAGE TO
PENNSYLVANIA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU
400 NORTH STREET
HARRISBURG, PA 17105-3265**

Phone-In Reports: Always call (717) 941-0003
Email RA-PUCPEMA@pa.gov

An original and one copy of this report are to be mailed to the Secretary's Bureau at the address above, even if an electronic copy has been emailed to the address above.

Information Required:

1. Reporting Utility: UGI Utilities, Inc. – Electric Division
Address: 511 E North Hampton Street
Wilkes-Barre, 18711 PA

2. Name and title of person making report:

Eric Sorber
(Name)

VP & GM- Electric Division
(Title)

3. Telephone number: 570-332-4272
(Telephone Number)

4. Date and time initial telephonic* report was made to Commission:

*Notification by Email
August 12
(Date)

23:12
(Time)

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5. Interruption or Outage:

(a) Number of customers affected: 10,182

(b) Approximate number of outage cases and trouble cases for each county affected during the event: _____

Luzerne County – 82 outage cases

Wyoming County – 6 outage cases

(c) Approximate number of outages for each county affected during the event: .

Luzerne County – 10061 Customers affected

Wyoming County – 121 Customers Affected

(d) Approximate number of outage cases exceeding 6 or more hours in duration:

59 outage cases exceeding 6 hours

(e) A listing of each outage case exceeding 6 or more hours in duration, including the following information:

Outage Case (OMS Event Number)	Approximate Geographic Location (county, city, muni or twp)	Total Number of Customers Affected	Duration of the Outage (Hours)	Initial Date and Time of the Outage	Restoration Date and Time
35266	LUZERNE	8	46.05	2021-08-12 14:39:44	2021-08-14 12:42:49
35352	LUZERNE	1	41.26	2021-08-12 22:14:21	2021-08-14 15:30:00
35219	LUZERNE	1	40.16	2021-08-12 18:08:24	2021-08-14 10:17:43
35279	LUZERNE	1	37.99	2021-08-12 21:58:56	2021-08-14 11:58:33
35284	LUZERNE	1	36.43	2021-08-12 22:10:17	2021-08-14 10:36:21
35068	LUZERNE	8	28.43	2021-08-12 14:27:12	2021-08-13 18:52:52
35101	LUZERNE	1	28.36	2021-08-12 14:48:01	2021-08-13 19:09:33
35435	LUZERNE	6	28.34	2021-08-12 14:46:11	2021-08-13 19:06:22
35375	LUZERNE	1	27.94	2021-08-13 06:47:34	2021-08-14 10:44:01
35313	LUZERNE	773	25.65	2021-08-12 14:46:11	2021-08-13 16:25:09
35152	LUZERNE	1	25.58	2021-08-12 15:45:22	2021-08-13 17:20:00
35309	LUZERNE	255	25.22	2021-08-12 14:46:11	2021-08-13 15:59:15
35234	LUZERNE	10	25.08	2021-08-12 15:07:08	2021-08-13 16:12:12
35209	LUZERNE	1	24.30	2021-08-12 17:50:46	2021-08-13 18:08:55
35221	LUZERNE	3	23.69	2021-08-12 16:01:53	2021-08-13 15:43:09
35192	WYOMING	2	23.15	2021-08-12 14:31:45	2021-08-13 13:40:37
35121	LUZERNE	3	23.11	2021-08-12 15:06:53	2021-08-13 14:13:16
35100	LUZERNE	2	23.09	2021-08-12 14:47:55	2021-08-13 13:53:26
35415	LUZERNE	248	23.02	2021-08-12 16:10:43	2021-08-13 15:12:09
35123	LUZERNE	4	22.94	2021-08-12 15:10:44	2021-08-13 14:07:20
35365	LUZERNE	89	22.83	2021-08-12 16:10:43	2021-08-13 15:00:43
35124	LUZERNE	1	21.58	2021-08-12 15:11:14	2021-08-13 12:46:08
35132	WYOMING	1	21.45	2021-08-12 15:23:16	2021-08-13 12:50:12
35074	LUZERNE	14	20.70	2021-08-12 14:37:09	2021-08-13 11:19:26
35329	LUZERNE	21	19.96	2021-08-12 22:02:36	2021-08-13 18:00:00
35289	LUZERNE	8	19.61	2021-08-12 22:18:11	2021-08-13 17:54:51
35099	LUZERNE	7	18.72	2021-08-12 14:46:41	2021-08-13 09:30:00
35334	LUZERNE	4	18.42	2021-08-12 22:49:50	2021-08-13 17:14:45
35276	LUZERNE	1	18.03	2021-08-12 21:58:20	2021-08-13 16:00:00
35089	LUZERNE	3	17.88	2021-08-12 14:41:57	2021-08-13 08:35:00
35256	LUZERNE	76	16.97	2021-08-12 16:52:05	2021-08-13 09:50:17
35235	WYOMING	3	16.80	2021-08-12 19:11:00	2021-08-13 11:59:08
35377	LUZERNE	10	16.73	2021-08-12 21:53:37	2021-08-13 14:37:08
35243	LUZERNE	12	16.71	2021-08-12 20:01:24	2021-08-13 12:44:00
35307	LUZERNE	1	16.09	2021-08-13 00:11:45	2021-08-13 16:17:00
35161	LUZERNE	73	15.84	2021-08-12 15:58:16	2021-08-13 07:48:45
35265	LUZERNE	174	15.68	2021-08-12 21:44:29	2021-08-13 13:25:00
35230	LUZERNE	55	15.40	2021-08-12 18:27:30	2021-08-13 09:51:27
35393	LUZERNE	22	15.02	2021-08-12 21:53:37	2021-08-13 12:55:00
35270	LUZERNE	15	14.52	2021-08-12 21:51:23	2021-08-13 12:22:25
35381	LUZERNE	106	14.42	2021-08-12 21:53:37	2021-08-13 12:19:00
35445	LUZERNE	1	14.22	2021-08-13 19:43:30	2021-08-14 09:56:38
35324	LUZERNE	515	12.92	2021-08-12 21:53:37	2021-08-13 10:49:00

35449	LUZERNE	1	12.61	2021-08-13 20:29:06	2021-08-14 09:05:41
35339	LUZERNE	1	12.35	2021-08-13 07:53:36	2021-08-13 20:14:31
35331	LUZERNE	12	11.72	2021-08-13 06:33:42	2021-08-13 18:16:50
35267	LUZERNE	18	11.71	2021-08-12 21:49:58	2021-08-13 09:32:21
35345	LUZERNE	25	11.01	2021-08-12 21:53:37	2021-08-13 08:54:00
35325	LUZERNE	15	10.34	2021-08-12 21:53:37	2021-08-13 08:14:00
35080	LUZERNE	35	9.52	2021-08-12 14:40:00	2021-08-13 00:10:56
35399	LUZERNE	4	8.74	2021-08-13 13:15:24	2021-08-13 22:00:00
35337	LUZERNE	1	7.43	2021-08-13 07:33:54	2021-08-13 15:00:00
35122	LUZERNE	161	7.27	2021-08-12 14:39:44	2021-08-12 21:55:57
35450	LUZERNE	1	7.25	2021-08-13 19:57:09	2021-08-14 03:12:00
35226	LUZERNE	18	6.78	2021-08-12 14:43:09	2021-08-12 21:30:00
35271	LUZERNE	81	6.72	2021-08-12 21:53:37	2021-08-13 04:37:00
35093	LUZERNE	27	6.67	2021-08-12 14:44:53	2021-08-12 21:25:00
35200	LUZERNE	70	6.46	2021-08-12 14:37:34	2021-08-12 21:05:00
35113	LUZERNE	48	6.05	2021-08-12 14:57:01	2021-08-12 21:00:00

(f) Reason for the interruption or outages:
On Thursday, August 12, 2021, at approximately 1400 hours and 2200 hours, strong thunderstorms, moved through UGI's service area in Luzerne and Wyoming County, causing damage to conductors, poles, and other equipment.

(g) Projected time of restoration:
August 14

(h) The number of utility workers, contract workers and workers received as mutual aid assigned specifically to the repair work by general function, that is linemen, troublemen, tree crew, and the like:

Utility / Company	# of Workers	General Function
Company	6	Linemen
Onsite Contractor	29	Linemen/Groundhands/Foremen
Mutual Aid	33	General Foreman/ Linemen/Machine Operators
External Contractor	14	Flagging
Onsite Contractor	12	Tree Crew
Company	27	Dispatcher/Crew Coordinators/Damage Assessors/Wire Watchers

(i) The date and time of the first information of a service interruption:
2021-08-12 14:27:12

(j) The date and time that repair crews were assembled:
UGI and On-site contractor crews were already assembled at beginning of event, Thursday, August 12. Additional resources arrived on scene as follows; Asplundh

(Long Island) – 12 FTE arrived on property around 1000 on Friday, August 13,
Matrix - 12 FTE arrived on property around 1030 on Friday, August 13,
Haugland Energy - 9 FTE arrived on property around 2100 on Friday, August 13.

- (k) The actual time that service was restored to the last affected customer:
2021-08-14 15:30:00
- (l) A general description of the physical damage sustained by the utility facilities as a result of the interruption/outage: Damages related to lightning, high winds and off right-of-way trees, including downed wires, broken poles/crossarms, damage to transformers and other components.
- (m) If the interruption / outage event was weather-related, the utility's weather reports, outlooks, or scenarios for the day before and the day of the interruption / outage event:

Day Before the Event – 8/11/2021

UGI DAILY BRIEFING

Summary:
EXECUTIVE SUMMARY:
 Scattered thunderstorms remain in the forecast through Friday, with a few outage producing storms possible each day

RISK OF OUTAGE PRODUCING WEATHER:
 Slight due to thunderstorms

WEATHER DISCUSSION NEXT 24 HOURS (Today/Tonight):
 Hot and humid conditions will continue across the area today. An approaching disturbance will help to spark another round of scattered showers and thunderstorms during the afternoon and evening hours. Widespread severe weather is not expected, but a few outage producing storms capable of localized strong wind gusts and periods of frequent lightning will be possible.

EXTENDED WEATHER DISCUSSION (Next 7 days):
 Look for this weather pattern to continue into Thursday, with hot and humid conditions and afternoon thunderstorms expected. A weak, slow-moving cold front moving into the area on Friday and into Saturday will support increasing chances for rain. High pressure building into the northeastern US will support dry and cooler conditions for Sunday and Monday. Increasing rain chances and humidity levels could return to the forecast towards the middle of next week.

WEDNESDAY 08-11-2021

	Three Hourly Timing								Temperature				Wind			Precipitation				Thunderstorm		
	00-03	03-06	06-09	09-12	12-15	15-18	18-21	21-00	Low	High	Wind Chill	Heat Index	Dir	Sustained	Gusts	Max Isolated Gusts	Probability	Rain	Snow	Ice	Type	T-storm Prob.
UGI Northwest	☁								69	86	88	93	WSW	6	16	36	43	0.26	0.00	0.00	Rain	.20
UGI Northeast	☁								69	87	88	97	SW	8	17	37	39	0.04	0.00	0.00	Rain	.18
UGI Southwest	☁								69	91	88	102	SW	5	16	37	43	0.12	0.00	0.00	Rain	.20
UGI Southeast	☁								71	91	71	88	SW	8	17	38	25	0.06	0.00	0.00	Rain	.18

Day of Event – 8/12/2021

UGI DAILY BRIEFING

Summary:

EXECUTIVE SUMMARY:

Several rounds of showers and thunderstorms remain possible through Saturday.

RISK OF OUTAGE PRODUCING WEATHER:

Slight due to thunderstorms.

WEATHER DISCUSSION NEXT 24 HOURS (Today/Tonight):

Look for hot and humid conditions to continue today. A few isolated thunderstorms could develop during the afternoon, but widespread activity is not expected. Any storms that can develop could become outage producing, however. A line or cluster of storms is then expected to approach the area this evening, but will likely be on a weakening trend. Instances of gusty winds will be possible with this activity, particularly if storms do not dissipate as quickly as currently forecast.

EXTENDED WEATHER DISCUSSION (Next 7 days):

Scattered strong to severe thunderstorms will be possible during the afternoon hours tomorrow. Rain chances will continue into the evening and overnight hours as a cold front tracks across the territory. Additional scattered showers could develop Saturday afternoon before drier air moves into the region for Sunday. A few showers cannot be ruled out each day early next week but significant weather currently is not anticipated.

THURSDAY 08-12-2021

	Time/Time								Temperature				Wind			Precipitation				Thunderstorm						
	00-01	03-06	06-09	09-12	12-15	15-18	18-21	21-00	Low	High	Wind	Heat	Dir	Sustained	Gusts	Min	Isolated	Prob	Rate	Snow	Ice	Type	T-storm	Prob.		
UGI Northwest									69	90	69	87	SW	8	15	38	27	0.07	0.00	0.00						34
UGI Northeast									70	81	70	100	SW	9	18	39	29	0.10	0.00	0.00	Rain					23
UGI Southeast									70	84	70	106	SSW	5	17	38	27	0.07	0.00	0.00	Rain					34
UGI Southwest									73	84	73	102	SSW	8	17	38	25	0.09	0.00	0.00	Rain					33

Reports during the event

First impact from weather system @ 1400

Overall Alert Status For Each Location

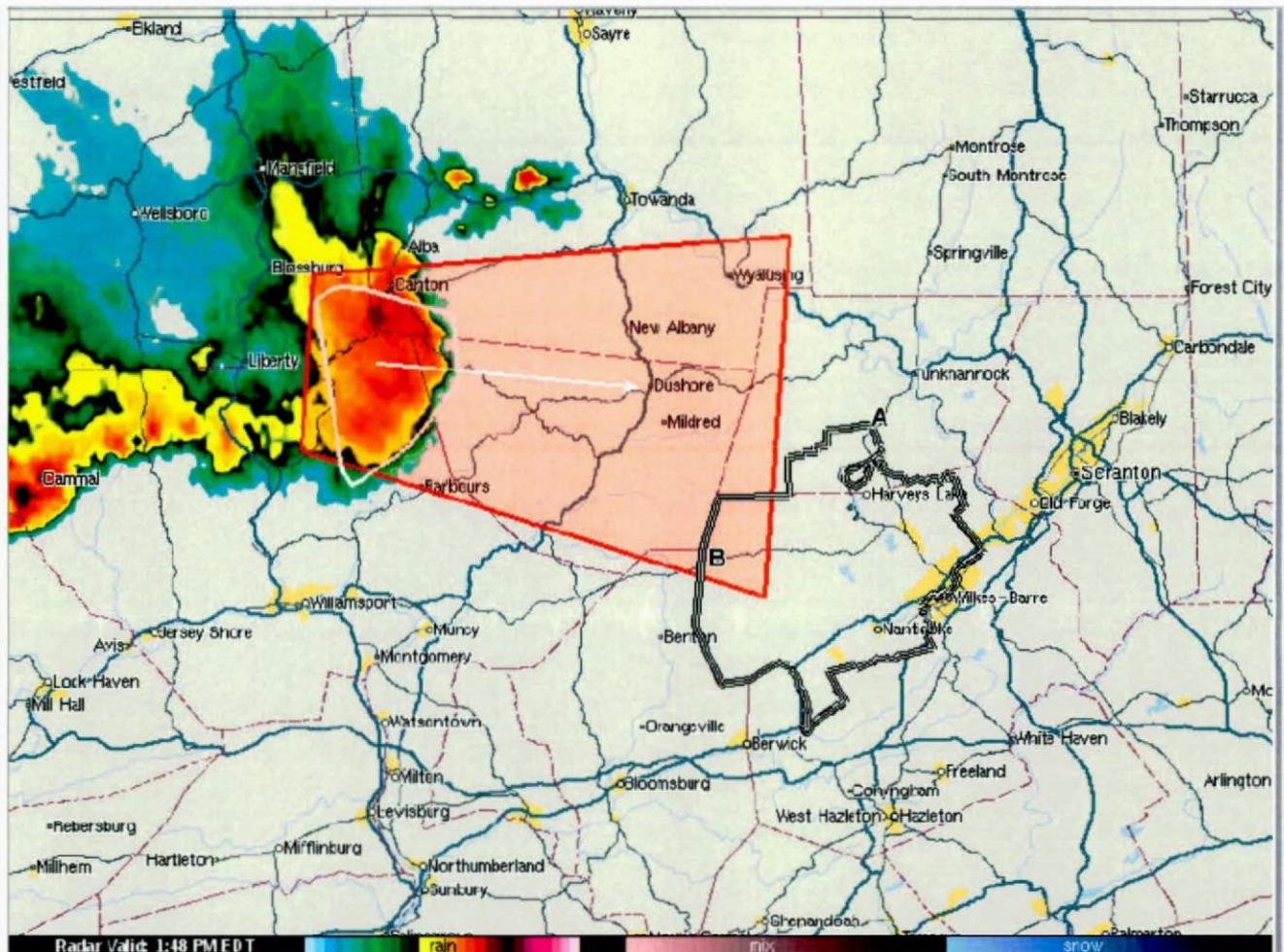
**Condition Red - UGI Utilities, Inc.
Dangerous Thunderstorm Alert**

Valid 1:48 PM to 2:33 PM EDT, Thu, Aug 12, 2021

StormGeo has issued a Condition Red for Dangerous Thunderstorm Alert for the following locations through 2:33 PM EDT.

Numerous in-cloud and cloud-to-ground lightning strikes have been detected with this thunderstorm. It has an increased potential to produce severe weather such as very frequent lightning, heavy rain, hail, and/or damaging winds and tornadoes, and should be considered dangerous.

Label	Location
A	Service Territory
B	UGI Northwest



Arrows (if present) denote movement predicted over the next 30 minutes

Label	Location	Highest Alert Status	Other Alerts
A	Service Territory	Condition Red - Dangerous Thunderstorm Alert until 2:33 PM EDT Condition Red - Dangerous Thunderstorm Alert until 2:33 PM EDT	Condition Orange - Excessive Heat Warning; Condition Yellow - Heat Advisory; Condition Yellow - Severe Thunderstorm Watch; Condition Yellow - Heat Advisory; Condition Yellow - Heat Advisory; Condition Yellow - Severe Thunderstorm Watch
B	UGI Northwest	Condition Red - Dangerous Thunderstorm Alert until 2:33 PM EDT Condition Red - Dangerous Thunderstorm Alert until 2:33 PM EDT	Condition Yellow - Heat Advisory; Condition Yellow - Severe Thunderstorm Watch

Issue time: 13:52 EDT Thursday, August 12, 2021
 Support or questions: support.houston@stormgeo.com
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Second impact from weather system @ 2200

Overall Alert Status For The Location

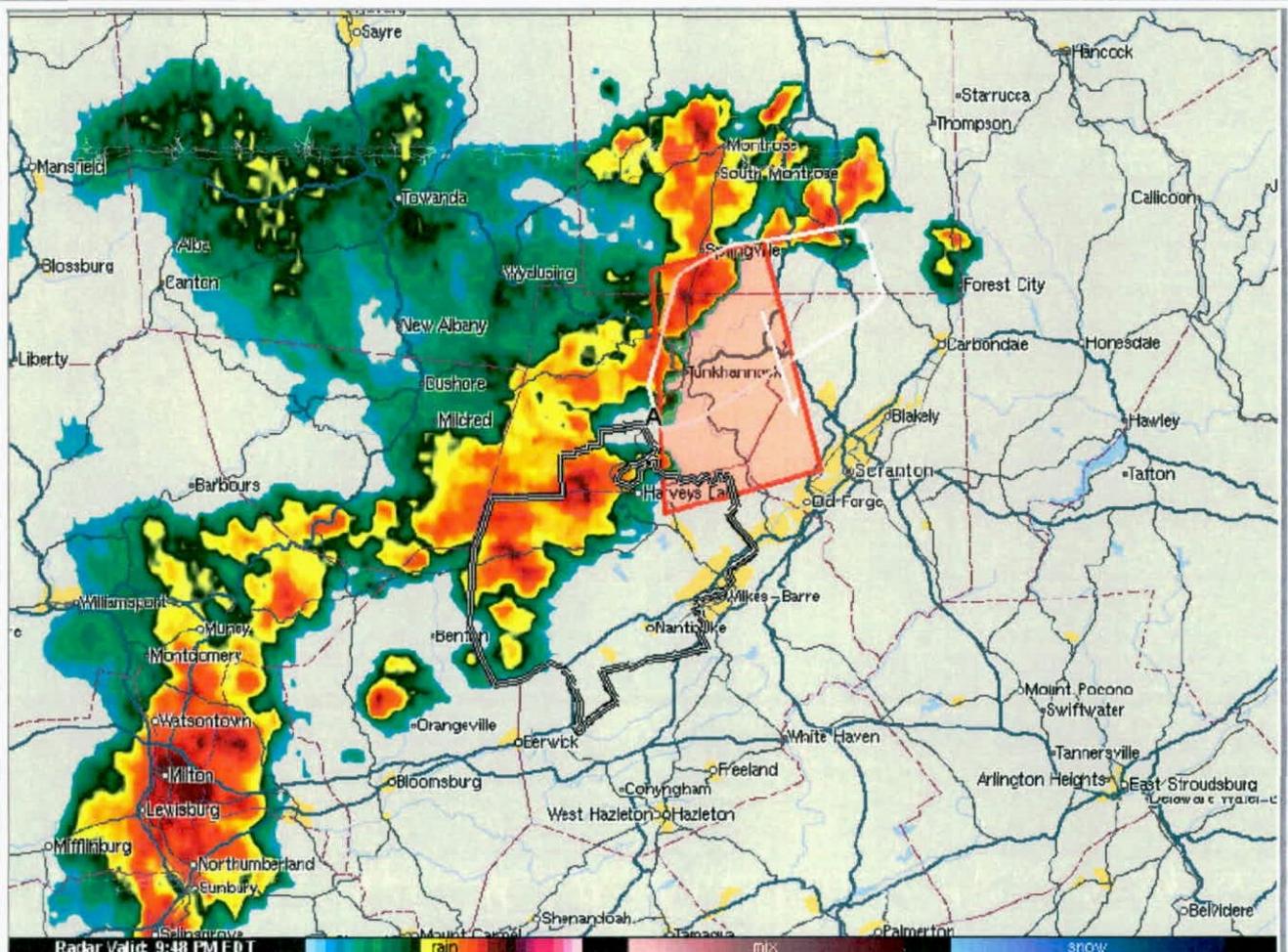
**Condition Red - UGI Utilities, Inc.
Dangerous Thunderstorm Alert**

Valid 9:55 PM to 10:40 PM EDT, Thu, Aug 12, 2021

StormGeo has issued a Condition Red for Dangerous Thunderstorm Alert for the following locations through 10:40 PM EDT.

Numerous in-cloud and cloud-to-ground lightning strikes have been detected with this thunderstorm. It has an increased potential to produce severe weather such as very frequent lightning, heavy rain, hail, and/or damaging winds and tornadoes, and should be considered dangerous.

Label	Location
A	Service Territory



Arrows (if present) denote movement predicted over the next 30 minutes

Label	Location	Highest Alert Status	Other Alerts
A	Service Territory	Condition Red - Dangerous Thunderstorm Alert until 10:41 PM EDT Condition Red - Dangerous Thunderstorm Alert until 10:40 PM EDT	Condition Orange - Severe Thunderstorm Warning; Condition Orange - Severe Thunderstorm Warning; Condition Orange - Severe Thunderstorm Warning; Condition Yellow - Heat Advisory; Condition Yellow - Severe Thunderstorm Watch

Issue time: 21:58 EDT Thursday, August 12, 2021

Support or questions: support.houston@stormgeo.com

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- (n) If the interruption / outage event caused approximate outages that exceed 10% or more of customers in the utility's entire service territory, rank the event in terms of the number and duration of outages and provide 2 comparable events, including the number and duration of outages for those comparable events:

Event and Rank	Event Date	Number of Outages	Duration of Outages
Hurricane Irene	August 2011	35,975	11 Days
June Thunderstorm	June 2008	21,723	6 Days
Hurricane Sandy	October 2012	17,395	4 Days
July Thunderstorm	July, 2014	14,745	4 Days
April Thunderstorm	April, 2019	11,703	2.5 Days
August Thunderstorm	August 12, 2021	10,182	2 Days

Remarks: Outage restoration curve is included below in Figure I

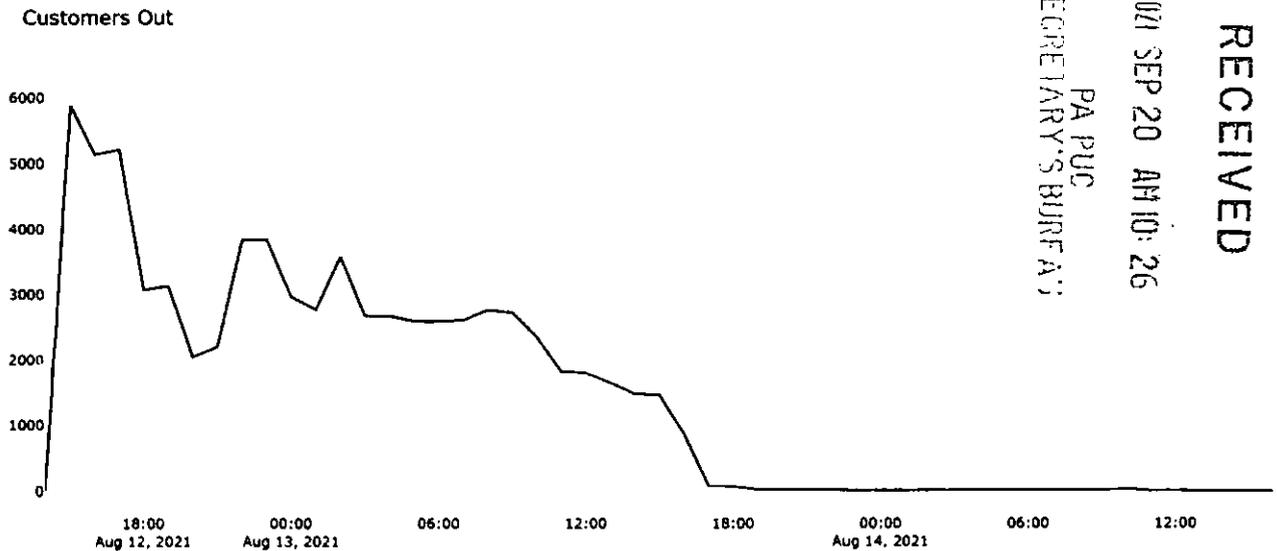


Figure I. Customer Restoration Curve



Energy to do more®

UGI Utilities, Inc.
One UGI Center
Wilkes Barre, PA 18711

LEHIGH VALLEY PA 180

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quadiant

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09/08/2021

US POSTAGE

\$000.73⁰⁰



ZIP 18711
041M11470397

*Ms. Rosemary L. Cheavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
40 North Street
Harrisburg, PA. 17120*

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