

**STAFF 1-73**

Provide the following information concerning your vegetation management staff:

- a. Provide the current size of your vegetation management staff. Your response should include a separate figure for full-time staff and independent contractors.
- b. Provide the average size of your vegetation management staff over the last 5 years. Your response should include a separate figure for full-time staff and independent contractors.
- c. Please explain how you determined the appropriate level of full-time vegetation management staff for each of the last 5 years.
- d. Provide the cost difference per circuit-mile between using contractors versus in-house vegetation management crews.
- e. Whether you retain an arborist as part of your permanent vegetation management staff or have an arborist consult with your vegetation management crews.

**RESPONSE:**

- a. All line crew personnel are trained in the operation and maintenance of tree cutting equipment. MidSouth employs a total of 46 in-house linemen and two in-house vegetation management contractor coordinators. MidSouth utilizes 33 contract employees for vegetation management.
- b. MidSouth added 6 contract employees in 2023 and can ramp up as needed in order to meet demand.
- c. MidSouth completes vegetation management on a 3-5 year cycle and staff is determined based off this time frame and can ramp up as necessary.
- d. All crew utilized for day-to-day vegetation management are contract employees.
- e. MidSouth does not have an arborist on staff.

Sponsor: Kerry Kelton

**STAFF 1-74**

Please describe the minimum clearance standard for vegetation along transmission and distribution power lines at various voltage levels and how these clearances were derived based on your service territory.

**RESPONSE:**

MidSouth maintains a minimum 20-foot-wide ROW width along the center of the pole line (10 feet on either side of the pole line), unless otherwise mandated by governing entities, such as TxDOT, the railroad companies, counties, or the US Army Corps of Engineers. The minimum required ROW width applies to both single and 3-phase overhead distribution lines within private easements.

Sponsor: Kerry Kelton

**STAFF 1-75**

Does your company incorporate any inspection of high customer count circuit segments to proactively identify problematic vegetation for circuits that may be outside their normal cycle period?

**RESPONSE:**

Feeders with high customer count circuit segments are on a shortened rotation schedule for inspection to proactively identify problematic vegetation.

Sponsor: Kerry Kelton

**STAFF 1-76**

Please provide inspection logs and field reports from workers who performed VM services in the Impacted Area for the past five years.

**RESPONSE:** The information responsive to this request is considered confidential protected material; please see the Confidentiality Statement below. MidSouth will supplement this response if it can produce the material confidentially.

**CONFIDENTIALITY STATEMENT**

The response to this RFI contains confidential protected material protected against public disclosure under Tex. Gov't Code §§ 552.101 (in conjunction with Tex. Util. Code § 32.101(c) and 16 Tex. Admin. Code § 25.272(c)(5), (g)(1)). The confidential material contains personal identifying information, which may include customer name, phone number, location, and gate code. The information constitutes customer-specific information protected by Tex. Util. Code § 32.101(c) and 16 Tex. Admin. Code § 25.272(c)(5) & (g)(1).

Sponsor: Kerry Kelton

**STAFF 1-77**

Does your company conduct proactive vegetation management on feeders located in hurricane prone areas? If so, how far in advance of hurricane season do you send out vegetation management crews?

**RESPONSE:**

MidSouth conducts proactive vegetation management in hurricane prone areas by conducting yearly trimming on a 3–5-year rotation.

Sponsor: Kerry Kelton

**STAFF 1-78**

Please provide a list of the circuits that experienced a vegetation-related outage during the May 2024 Derecho and Hurricane Beryl, and provide the following information pertaining to the circuits identified:

- a. The name of the circuit(s);
- b. The date, time, and duration of the outage;
- c. The voltage of the circuit(s);
- d. A description of the cause of the outage; and
- e. The NERC category (Grow-In, Fall-In, Blow-In) associated with the outage.

**RESPONSE:**

OutageRecID	Event	Outage Cause	Circuit	Circuit kV	OutageStartTime	Duration Minutes
2024-05-16-1286	May 2024 Derecho	Blow-In	012404	14.4	2024-05-16 16:54:01.000 - 0500	282
2024-05-16-1380	May 2024 Derecho	Blow-In	012404	14.4	2024-05-16 18:05:46.000 - 0500	332
2024-07-08-0352	Hurricane Beryl	Blow-In	012404	14.4	2024-07-08 10:51:27.000 - 0500	576
2024-07-08-0371	Hurricane Beryl	Blow-In	012404	14.4	2024-07-08 11:03:06.000 - 0500	2059
2024-07-08-0453	Hurricane Beryl	Blow-In	012404	14.4	2024-07-08 12:25:13.000 - 0500	1944
2024-07-08-0751	Hurricane Beryl	Blow-In	012404	14.4	2024-07-08 20:44:00.000 - 0500	1079
2024-07-09-1128	Hurricane Beryl	Blow-In	012404	14.4	2024-07-09 12:21:20.000 - 0500	68
2024-07-09-1130	Hurricane Beryl	Blow-In	012404	14.4	2024-07-09 12:27:47.000 - 0500	61
2024-07-09-1236	Hurricane Beryl	Blow-In	012404	14.4	2024-07-09 16:18:08.000 - 0500	142
2024-05-16-1227	May 2024 Derecho	Blow-In	142402	14.4	2024-05-16 15:28:38.000 - 0500	118
2024-07-08-0485	Hurricane Beryl	Blow-In	142402	14.4	2024-07-08 12:48:23.000 - 0500	2672
2024-05-16-1502	May 2024 Derecho	Blow-In	142403	14.4	2024-05-16 20:30:00.000 - 0500	22
2024-05-16-1516	May 2024 Derecho	Blow-In	142403	14.4	2024-05-16 20:58:00.000 - 0500	227
2024-05-16-1528	May 2024 Derecho	Blow-In	142403	14.4	2024-05-16 22:01:49.000 - 0500	435
2024-05-17-1613	May 2024 Derecho	Blow-In	142403	14.4	2024-05-17 12:12:56.000 - 0500	140
2024-05-17-1623	May 2024 Derecho	Blow-In	142403	14.4	2024-05-17 15:33:05.000 - 0500	257
2024-07-09-1365	Hurricane Beryl	Blow-In	142403	14.4	2024-07-09 22:45:00.000 - 0500	1247
2024-07-10-1591	Hurricane Beryl	Blow-In	142403	14.4	2024-07-10 19:33:11.000 - 0500	1388
2024-07-08-0463	Hurricane Beryl	Blow-In	122411	14.4	2024-07-08 12:34:27.000 - 0500	331

2024-07-08-0644	Hurricane Beryl	Blow-In	122411	14.4	2024-07-08 18:05:45.000 - 0500	4
2024-07-08-0399	Hurricane Beryl	Blow-In	122412	14.4	2024-07-08 11:35:44.000 - 0500	3060
2024-07-08-0606	Hurricane Beryl	Blow-In	122413	14.4	2024-07-08 15:29:54.000 - 0500	2597
2024-07-09-1158	Hurricane Beryl	Blow-In	122413	14.4	2024-07-09 13:22:48.000 - 0500	2457
2024-07-09-1306	Hurricane Beryl	Blow-In	122413	14.4	2024-07-09 16:46:05.000 - 0500	983
2024-07-09-1307	Hurricane Beryl	Blow-In	122413	14.4	2024-07-09 17:47:05.000 - 0500	923
2024-07-09-1305	Hurricane Beryl	Blow-In	122413	14.4	2024-07-09 18:42:06.000 - 0500	908
2024-07-08-0459	Hurricane Beryl	Blow-In	122414	14.4	2024-07-08 12:30:34.000 - 0500	1750
2024-07-09-1311	Hurricane Beryl	Blow-In	122414	14.4	2024-07-09 20:11:44.000 - 0500	1324
2024-07-08-0190	Hurricane Beryl	Blow-In	222412	14.4	2024-07-08 08:45:52.000 - 0500	970
2024-07-09-0849	Hurricane Beryl	Blow-In	222412	14.4	2024-07-09 01:27:00.000 - 0500	496
2024-07-09-1076	Hurricane Beryl	Blow-In	222412	14.4	2024-07-09 09:49:50.000 - 0500	1711
2024-07-09-1091	Hurricane Beryl	Blow-In	222412	14.4	2024-07-09 09:55:12.000 - 0500	3270
2024-05-16-1348	May 2024 Derecho	Blow-In	222413	14.4	2024-05-16 17:43:06.000 - 0500	609
2024-05-17-1591	May 2024 Derecho	Blow-In	222413	14.4	2024-05-17 08:37:20.000 - 0500	420
2024-07-08-0158	Hurricane Beryl	Blow-In	222413	14.4	2024-07-08 06:54:54.000 - 0500	1080
2024-07-08-0185	Hurricane Beryl	Blow-In	222413	14.4	2024-07-08 08:34:10.000 - 0500	738
2024-07-08-0206	Hurricane Beryl	Blow-In	222413	14.4	2024-07-08 08:57:30.000 - 0500	4609
2024-07-08-0831	Hurricane Beryl	Blow-In	222413	14.4	2024-07-08 20:54:44.000 - 0500	975
2024-07-08-0829	Hurricane Beryl	Blow-In	222413	14.4	2024-07-08 20:56:59.000 - 0500	969
2024-07-09-0842	Hurricane Beryl	Blow-In	222413	14.4	2024-07-09 01:01:00.000 - 0500	565
2024-07-09-1155	Hurricane Beryl	Blow-In	222413	14.4	2024-07-09 13:21:39.000 - 0500	2950
2024-07-09-1156	Hurricane Beryl	Blow-In	222413	14.4	2024-07-09 13:22:31.000 - 0500	2826
2024-07-09-1161	Hurricane Beryl	Blow-In	222413	14.4	2024-07-09 13:23:01.000 - 0500	2660
2024-07-09-1162	Hurricane Beryl	Blow-In	222413	14.4	2024-07-09 13:25:12.000 - 0500	2824
2024-07-11-1795	Hurricane Beryl	Blow-In	222413	14.4	2024-07-11 16:38:34.000 - 0500	166
2024-07-08-0295	Hurricane Beryl	Blow-In	222415	14.4	2024-07-08 10:06:14.000 - 0500	891
2024-07-09-0841	Hurricane Beryl	Blow-In	222415	14.4	2024-07-09 00:58:16.000 - 0500	457
2024-05-16-1314	May 2024 Derecho	Blow-In	032412	14.4	2024-05-16 17:13:00.000 - 0500	601
2024-07-08-0254	Hurricane Beryl	Blow-In	032412	14.4	2024-07-08 09:33:10.000 - 0500	789
2024-05-16-1252	May 2024 Derecho	Blow-In	032413	14.4	2024-05-16 16:37:48.000 - 0500	232
2024-05-16-1277	May 2024 Derecho	Blow-In	032413	14.4	2024-05-16 16:51:42.000 - 0500	150
2024-05-16-1279	May 2024 Derecho	Blow-In	032413	14.4	2024-05-16 16:52:00.000 - 0500	557

2024-05-16-1312	May 2024 Derecho	Blow-In	032413	14.4	2024-05-16 17:12:07.000 - 0500	1348
2024-05-16-1338	May 2024 Derecho	Blow-In	032413	14.4	2024-05-16 17:28:59.000 - 0500	651
2024-05-16-1342	May 2024 Derecho	Blow-In	032413	14.4	2024-05-16 17:35:10.000 - 0500	1297
2024-05-16-1394	May 2024 Derecho	Blow-In	032413	14.4	2024-05-16 18:14:59.000 - 0500	135
2024-05-17-1578	May 2024 Derecho	Blow-In	032413	14.4	2024-05-17 06:13:00.000 - 0500	588
2024-05-17-1594	May 2024 Derecho	Blow-In	032413	14.4	2024-05-17 08:32:40.000 - 0500	491
2024-05-17-1593	May 2024 Derecho	Blow-In	032413	14.4	2024-05-17 08:54:58.000 - 0500	482
2024-05-17-1616	May 2024 Derecho	Blow-In	032413	14.4	2024-05-17 13:24:48.000 - 0500	267
2024-07-08-0182	Hurricane Beryl	Blow-In	032413	14.4	2024-07-08 08:13:54.000 - 0500	4456
2024-07-08-0193	Hurricane Beryl	Blow-In	032413	14.4	2024-07-08 08:47:46.000 - 0500	4366
2024-07-08-0239	Hurricane Beryl	Blow-In	032413	14.4	2024-07-08 09:16:34.000 - 0500	3839
2024-07-08-0242	Hurricane Beryl	Blow-In	032413	14.4	2024-07-08 09:19:00.000 - 0500	4471
2024-07-08-0257	Hurricane Beryl	Blow-In	032413	14.4	2024-07-08 09:37:10.000 - 0500	4702
2024-07-08-0275	Hurricane Beryl	Blow-In	032413	14.4	2024-07-08 09:51:59.000 - 0500	4350
2024-07-08-0290	Hurricane Beryl	Blow-In	032413	14.4	2024-07-08 10:01:17.000 - 0500	3474
2024-07-08-0293	Hurricane Beryl	Blow-In	032413	14.4	2024-07-08 10:05:28.000 - 0500	521
2024-07-08-0310	Hurricane Beryl	Blow-In	032413	14.4	2024-07-08 10:19:53.000 - 0500	2129
2024-07-08-0312	Hurricane Beryl	Blow-In	032413	14.4	2024-07-08 10:23:59.000 - 0500	4438
2024-07-08-0334	Hurricane Beryl	Blow-In	032413	14.4	2024-07-08 10:36:26.000 - 0500	3451
2024-07-08-0375	Hurricane Beryl	Blow-In	032413	14.4	2024-07-08 11:08:49.000 - 0500	4792
2024-07-08-0377	Hurricane Beryl	Blow-In	032413	14.4	2024-07-08 11:09:25.000 - 0500	2901
2024-07-08-0378	Hurricane Beryl	Blow-In	032413	14.4	2024-07-08 11:10:00.000 - 0500	4501
2024-07-08-0452	Hurricane Beryl	Blow-In	032413	14.4	2024-07-08 12:23:06.000 - 0500	3307
2024-07-08-0500	Hurricane Beryl	Blow-In	032413	14.4	2024-07-08 13:08:11.000 - 0500	4571
2024-07-08-0619	Hurricane Beryl	Blow-In	032413	14.4	2024-07-08 15:34:09.000 - 0500	4265
2024-07-09-1127	Hurricane Beryl	Blow-In	032413	14.4	2024-07-09 12:18:04.000 - 0500	3037
2024-07-11-1653	Hurricane Beryl	Blow-In	032413	14.4	2024-07-11 01:16:44.000 - 0500	699
2024-07-11-1718	Hurricane Beryl	Blow-In	032413	14.4	2024-07-11 10:05:00.000 - 0500	541
2024-07-11-1749	Hurricane Beryl	Blow-In	032413	14.4	2024-07-11 12:20:18.000 - 0500	445
2024-07-11-1750	Hurricane Beryl	Blow-In	032413	14.4	2024-07-11 12:21:43.000 - 0500	347
2024-07-12-1835	Hurricane Beryl	Blow-In	032413	14.4	2024-07-12 06:06:18.000 - 0500	79
2024-05-16-1388	May 2024 Derecho	Blow-In	032414	14.4	2024-05-16 18:09:56.000 - 0500	430
2024-07-08-0223	Hurricane Beryl	Blow-In	032414	14.4	2024-07-08 09:08:50.000 - 0500	2135

2024-07-08-0326	Hurricane Beryl	Blow-In	032414	14.4	2024-07-08 10:29:21.000 - 0500	489
2024-07-09-0885	Hurricane Beryl	Blow-In	032414	14.4	2024-07-08 19:11:52.000 - 0500	3698
2024-07-08-0726	Hurricane Beryl	Blow-In	032414	14.4	2024-07-08 20:08:10.000 - 0500	1410
2024-07-09-0892	Hurricane Beryl	Blow-In	032414	14.4	2024-07-09 06:48:15.000 - 0500	1633
2024-07-09-1349	Hurricane Beryl	Blow-In	032414	14.4	2024-07-09 15:14:34.000 - 0500	2786
2024-07-09-1345	Hurricane Beryl	Blow-In	032414	14.4	2024-07-09 16:45:24.000 - 0500	1610
2024-07-10-1432	Hurricane Beryl	Blow-In	032414	14.4	2024-07-10 10:05:57.000 - 0500	649
2024-07-10-1459	Hurricane Beryl	Blow-In	032414	14.4	2024-07-10 11:55:47.000 - 0500	109
2024-07-10-1513	Hurricane Beryl	Blow-In	032414	14.4	2024-07-10 13:46:35.000 - 0500	1291
2024-07-11-1769	Hurricane Beryl	Blow-In	032414	14.4	2024-07-11 14:41:11.000 - 0500	93
2024-05-16-1377	May 2024 Derecho	Blow-In	032422	14.4	2024-05-16 18:05:11.000 - 0500	675
2024-05-16-1487	May 2024 Derecho	Blow-In	032422	14.4	2024-05-16 19:46:56.000 - 0500	464
2024-05-16-1493	May 2024 Derecho	Blow-In	032422	14.4	2024-05-16 20:09:03.000 - 0500	1172
2024-05-16-1498	May 2024 Derecho	Blow-In	032422	14.4	2024-05-16 20:24:38.000 - 0500	477
2024-07-08-0184	Hurricane Beryl	Blow-In	032422	14.4	2024-07-08 08:28:16.000 - 0500	4467
2024-07-08-0265	Hurricane Beryl	Blow-In	032422	14.4	2024-07-08 09:44:13.000 - 0500	3120
2024-07-09-1294	Hurricane Beryl	Blow-In	032422	14.4	2024-07-08 21:33:37.000 - 0500	2730
2024-07-09-1288	Hurricane Beryl	Blow-In	032422	14.4	2024-07-08 22:14:11.000 - 0500	2826
2024-07-09-1285	Hurricane Beryl	Blow-In	032422	14.4	2024-07-08 22:17:30.000 - 0500	2854
2024-07-09-1289	Hurricane Beryl	Blow-In	032422	14.4	2024-07-08 22:18:00.000 - 0500	2515
2024-07-09-1293	Hurricane Beryl	Blow-In	032422	14.4	2024-07-09 06:37:17.000 - 0500	3387
2024-07-09-1284	Hurricane Beryl	Blow-In	032422	14.4	2024-07-09 07:30:04.000 - 0500	1971
2024-07-10-1638	Hurricane Beryl	Blow-In	032422	14.4	2024-07-09 12:53:34.000 - 0500	2717
2024-07-10-1630	Hurricane Beryl	Blow-In	032422	14.4	2024-07-10 21:43:38.000 - 0500	5
2024-07-11-1695	Hurricane Beryl	Blow-In	032422	14.4	2024-07-11 08:30:33.000 - 0500	394
2024-07-10-1403	Hurricane Beryl	Blow-In	152413	14.4	2024-07-10 08:26:37.000 - 0500	387
2024-07-10-1525	Hurricane Beryl	Blow-In	152413	14.4	2024-07-10 14:54:00.000 - 0500	5
2024-07-10-1527	Hurricane Beryl	Blow-In	152413	14.4	2024-07-10 15:02:00.000 - 0500	248
2024-07-10-1608	Hurricane Beryl	Blow-In	152413	14.4	2024-07-10 18:11:12.000 - 0500	224
2024-07-10-1607	Hurricane Beryl	Blow-In	152413	14.4	2024-07-10 19:25:48.000 - 0500	149
2024-07-10-1597	Hurricane Beryl	Blow-In	152413	14.4	2024-07-10 20:14:34.000 - 0500	46
2024-07-11-1736	Hurricane Beryl	Blow-In	152413	14.4	2024-07-11 11:37:11.000 - 0500	522
2024-07-08-0226	Hurricane Beryl	Blow-In	152414	14.4	2024-07-08 09:10:37.000 - 0500	657

2024-05-16-1360	May 2024 Derecho	Blow-In	152423	14.4	2024-05-16 17:58:27.000 - 0500	309
2024-07-08-0228	Hurricane Beryl	Blow-In	152423	14.4	2024-07-08 09:10:45.000 - 0500	638
2024-07-10-1635	Hurricane Beryl	Blow-In	152424	14.4	2024-07-10 21:53:24.000 - 0500	800
2024-05-16-1484	May 2024 Derecho	Blow-In	152432	14.4	2024-05-16 19:38:01.000 - 0500	558
2024-07-08-0168	Hurricane Beryl	Blow-In	152432	14.4	2024-07-08 07:51:48.000 - 0500	844
2024-07-08-0279	Hurricane Beryl	Blow-In	152432	14.4	2024-07-08 09:53:13.000 - 0500	721
2024-07-08-0840	Hurricane Beryl	Blow-In	152432	14.4	2024-07-08 22:00:00.000 - 0500	3609
2024-07-09-0847	Hurricane Beryl	Blow-In	152432	14.4	2024-07-09 01:22:31.000 - 0500	3355
2024-07-09-1119	Hurricane Beryl	Blow-In	152432	14.4	2024-07-09 11:38:20.000 - 0500	1785
2024-07-10-1546	Hurricane Beryl	Blow-In	152432	14.4	2024-07-09 12:50:37.000 - 0500	3304
2024-07-12-1854	Hurricane Beryl	Blow-In	152432	14.4	2024-07-12 10:08:00.000 - 0500	210
2024-07-08-0238	Hurricane Beryl	Blow-In	152434	14.4	2024-07-08 09:16:15.000 - 0500	4499
2024-07-08-0230	Hurricane Beryl	Blow-In	R232412		2024-07-08 09:12:17.000 - 0500	674
2024-07-08-0401	Hurricane Beryl	Blow-In	R232412		2024-07-08 11:37:42.000 - 0500	502
2024-07-09-0952	Hurricane Beryl	Blow-In	R232412		2024-07-09 08:07:36.000 - 0500	2167
2024-07-09-1089	Hurricane Beryl	Blow-In	R232412		2024-07-09 09:53:49.000 - 0500	1788
2024-07-09-1109	Hurricane Beryl	Blow-In	R232412		2024-07-09 10:59:42.000 - 0500	2807
2024-07-09-1335	Hurricane Beryl	Blow-In	R232412		2024-07-09 21:36:56.000 - 0500	1957
2024-07-08-0629	Hurricane Beryl	Blow-In	212412	14.4	2024-07-08 15:49:35.000 - 0500	4161
2024-07-08-0631	Hurricane Beryl	Blow-In	212412	14.4	2024-07-08 15:58:18.000 - 0500	3151
2024-07-11-1702	Hurricane Beryl	Blow-In	212412	14.4	2024-07-11 08:43:34.000 - 0500	268
2024-07-08-0398	Hurricane Beryl	Blow-In	212413	14.4	2024-07-08 11:34:13.000 - 0500	1593
2024-07-10-1453	Hurricane Beryl	Blow-In	212413	14.4	2024-07-10 11:33:48.000 - 0500	1610
2024-07-08-0311	Hurricane Beryl	Blow-In	212414	14.4	2024-07-08 10:23:51.000 - 0500	340
2024-07-08-0341	Hurricane Beryl	Blow-In	202412	14.4	2024-07-08 10:41:05.000 - 0500	3070
2024-07-09-1069	Hurricane Beryl	Blow-In	202412	14.4	2024-07-09 09:37:27.000 - 0500	1741
2024-07-11-1739	Hurricane Beryl	Blow-In	202412	14.4	2024-07-11 11:46:20.000 - 0500	140
2024-07-08-0365	Hurricane Beryl	Blow-In	202414	14.4	2024-07-08 10:59:44.000 - 0500	2958
2024-07-08-0379	Hurricane Beryl	Blow-In	202414	14.4	2024-07-08 11:10:12.000 - 0500	2905
2024-07-11-1684	Hurricane Beryl	Blow-In	202414	14.4	2024-07-11 08:14:41.000 - 0500	601
2024-05-16-1238	May 2024 Derecho	Blow-In	092411	14.4	2024-05-16 16:14:29.000 - 0500	60
2024-05-17-1596	May 2024 Derecho	Blow-In	092411	14.4	2024-05-17 09:15:38.000 - 0500	185
2024-07-08-0336	Hurricane Beryl	Blow-In	092411	14.4	2024-07-08 10:37:02.000 - 0500	3047

2024-07-09-1221	Hurricane Beryl	Blow-In	092411	14.4	2024-07-08 11:54:49.000 - 0500	1990
2024-07-08-0454	Hurricane Beryl	Blow-In	092411	14.4	2024-07-08 12:26:42.000 - 0500	2840
2024-07-08-0572	Hurricane Beryl	Blow-In	092411	14.4	2024-07-08 14:28:00.000 - 0500	2786
2024-07-10-1388	Hurricane Beryl	Blow-In	092411	14.4	2024-07-10 06:18:00.000 - 0500	1620
2024-07-10-1392	Hurricane Beryl	Blow-In	092411	14.4	2024-07-10 06:34:00.000 - 0500	348
2024-07-10-1441	Hurricane Beryl	Blow-In	092411	14.4	2024-07-10 10:31:29.000 - 0500	3
2024-07-10-1506	Hurricane Beryl	Blow-In	092411	14.4	2024-07-10 13:25:54.000 - 0500	222
2024-07-10-1507	Hurricane Beryl	Blow-In	092411	14.4	2024-07-10 13:27:59.000 - 0500	361
2024-07-10-1518	Hurricane Beryl	Blow-In	092411	14.4	2024-07-10 14:14:56.000 - 0500	257
2024-07-11-1794	Hurricane Beryl	Blow-In	092411	14.4	2024-07-11 16:26:07.000 - 0500	90
2024-05-16-1345	May 2024 Derecho	Blow-In	092412	14.4	2024-05-16 17:40:14.000 - 0500	162
2024-07-08-0486	Hurricane Beryl	Blow-In	092412	14.4	2024-07-08 12:51:32.000 - 0500	2866
2024-05-17-1612	May 2024 Derecho	Blow-In	042411	14.4	2024-05-17 12:04:46.000 - 0500	363
2024-07-09-1178	Hurricane Beryl	Blow-In	042411	14.4	2024-07-08 10:47:11.000 - 0500	1636
2024-07-09-1183	Hurricane Beryl	Blow-In	042411	14.4	2024-07-08 11:44:00.000 - 0500	1579
2024-07-09-1187	Hurricane Beryl	Blow-In	042411	14.4	2024-07-09 14:03:44.000 - 0500	3
2024-07-09-1217	Hurricane Beryl	Blow-In	042411	14.4	2024-07-09 14:39:02.000 - 0500	92
2024-07-11-1705	Hurricane Beryl	Blow-In	042411	14.4	2024-07-11 08:54:50.000 - 0500	313
2024-05-17-1609	May 2024 Derecho	Blow-In	042412	14.4	2024-05-17 11:47:13.000 - 0500	381
2024-07-08-0569	Hurricane Beryl	Blow-In	042412	14.4	2024-07-08 14:20:11.000 - 0500	4259
2024-07-08-0602	Hurricane Beryl	Blow-In	042412	14.4	2024-07-08 15:02:45.000 - 0500	3024
2024-07-10-1554	Hurricane Beryl	Blow-In	042412	14.4	2024-07-10 17:18:54.000 - 0500	1458
2024-05-17-1581	May 2024 Derecho	Blow-In	042421	14.4	2024-05-17 07:06:00.000 - 0500	726
2024-05-17-1621	May 2024 Derecho	Blow-In	042421	14.4	2024-05-17 15:00:08.000 - 0500	293
2024-07-11-1778	Hurricane Beryl	Blow-In	042421	14.4	2024-07-11 15:20:09.000 - 0500	7
2024-05-17-1585	May 2024 Derecho	Blow-In	042423	14.4	2024-05-17 08:04:03.000 - 0500	822
2024-07-08-0396	Hurricane Beryl	Blow-In	042423	14.4	2024-07-08 11:33:10.000 - 0500	1899
2024-07-08-0570	Hurricane Beryl	Blow-In	042423	14.4	2024-07-08 14:26:21.000 - 0500	3010
2024-07-09-1300	Hurricane Beryl	Blow-In	042423	14.4	2024-07-09 18:57:59.000 - 0500	1277
2024-07-09-0954	Hurricane Beryl	Blow-In	102412	14.4	2024-07-09 08:14:14.000 - 0500	1595
2024-07-12-1879	Hurricane Beryl	Blow-In	102412	14.4	2024-07-12 14:52:59.000 - 0500	178
2024-07-12-1858	Hurricane Beryl	Blow-In	102422	14.4	2024-07-12 10:47:26.000 - 0500	90
2024-05-16-1431	May 2024 Derecho	Blow-In	262413	14.4	2024-05-16 18:30:59.000 - 0500	253

2024-07-08-0194	Hurricane Beryl	Blow-In	262413	14.4	2024-07-08 08:47:00.000 - 0500	3141
2024-07-08-0219	Hurricane Beryl	Blow-In	262413	14.4	2024-07-08 08:56:00.000 - 0500	3106
2024-07-10-1467	Hurricane Beryl	Blow-In	262413	14.4	2024-07-10 12:39:36.000 - 0500	539
2024-07-10-1561	Hurricane Beryl	Blow-In	262413	14.4	2024-07-10 17:42:15.000 - 0500	1322
2024-07-11-1663	Hurricane Beryl	Blow-In	262413	14.4	2024-07-11 05:49:00.000 - 0500	594
2024-05-16-1358	May 2024 Derecho	Blow-In	262414	14.4	2024-05-16 17:51:56.000 - 0500	1320
2024-07-10-1557	Hurricane Beryl	Blow-In	262414	14.4	2024-07-10 17:31:07.000 - 0500	75
2024-07-10-1562	Hurricane Beryl	Blow-In	262414	14.4	2024-07-10 17:46:00.000 - 0500	67
2024-07-10-1618	Hurricane Beryl	Blow-In	262414	14.4	2024-07-10 17:55:29.000 - 0500	946
2024-07-11-1707	Hurricane Beryl	Blow-In	262414	14.4	2024-07-10 19:02:47.000 - 0500	1059
2024-07-11-1686	Hurricane Beryl	Blow-In	262414	14.4	2024-07-11 08:18:32.000 - 0500	79
2024-07-11-1827	Hurricane Beryl	Blow-In	262414	14.4	2024-07-11 21:13:07.000 - 0500	624
2024-07-10-1622	Hurricane Beryl	Blow-In	262415	14.4	2024-07-10 20:26:55.000 - 0500	834
2024-07-11-1761	Hurricane Beryl	Blow-In	262415	14.4	2024-07-11 13:10:26.000 - 0500	212
2024-07-12-1861	Hurricane Beryl	Blow-In	262415	14.4	2024-07-12 11:31:29.000 - 0500	69
2024-05-16-1341	May 2024 Derecho	Blow-In	262422	14.4	2024-05-16 17:32:50.000 - 0500	513
2024-07-08-0225	Hurricane Beryl	Blow-In	262422	14.4	2024-07-08 09:10:13.000 - 0500	3338
2024-07-11-1655	Hurricane Beryl	Blow-In	262422	14.4	2024-07-10 15:15:59.000 - 0500	1211
2024-07-11-1656	Hurricane Beryl	Blow-In	262422	14.4	2024-07-10 20:41:22.000 - 0500	1169
2024-07-11-1733	Hurricane Beryl	Blow-In	262422	14.4	2024-07-11 11:12:25.000 - 0500	294
2024-07-11-1782	Hurricane Beryl	Blow-In	262422	14.4	2024-07-11 15:39:53.000 - 0500	129
2024-07-11-1789	Hurricane Beryl	Blow-In	262422	14.4	2024-07-11 15:57:39.000 - 0500	126
2024-07-08-0180	Hurricane Beryl	Blow-In	262423	14.4	2024-07-08 08:05:53.000 - 0500	1867
2024-07-10-1508	Hurricane Beryl	Blow-In	262423	14.4	2024-07-10 09:39:44.000 - 0500	1733
2024-07-11-1768	Hurricane Beryl	Blow-In	262423	14.4	2024-07-11 14:40:23.000 - 0500	87
2024-07-08-0191	Hurricane Beryl	Blow-In	262424	14.4	2024-07-08 08:46:27.000 - 0500	2981
2024-07-10-1417	Hurricane Beryl	Blow-In	262424	14.4	2024-07-10 09:30:58.000 - 0500	65
2024-07-10-1418	Hurricane Beryl	Blow-In	262424	14.4	2024-07-10 09:33:40.000 - 0500	31
2024-07-10-1435	Hurricane Beryl	Blow-In	262424	14.4	2024-07-10 10:18:06.000 - 0500	86
2024-07-10-1436	Hurricane Beryl	Blow-In	262424	14.4	2024-07-10 10:18:46.000 - 0500	86
2024-07-10-1455	Hurricane Beryl	Blow-In	262424	14.4	2024-07-10 11:47:12.000 - 0500	1518
2024-07-10-1526	Hurricane Beryl	Blow-In	262424	14.4	2024-07-10 14:58:04.000 - 0500	1100
2024-07-08-0216	Hurricane Beryl	Blow-In	072401	14.4	2024-07-08 09:05:32.000 - 0500	3263

2024-07-08-0264	Hurricane Beryl	Blow-In	072401	14.4	2024-07-08 09:42:00.000 - 0500	3282
2024-07-08-0303	Hurricane Beryl	Blow-In	072401	14.4	2024-07-08 10:15:31.000 - 0500	2798
2024-07-08-0316	Hurricane Beryl	Blow-In	072401	14.4	2024-07-08 10:25:00.000 - 0500	4251
2024-07-08-0382	Hurricane Beryl	Blow-In	072401	14.4	2024-07-08 11:15:06.000 - 0500	1431
2024-07-08-0393	Hurricane Beryl	Blow-In	072401	14.4	2024-07-08 11:31:30.000 - 0500	2052
2024-07-09-1302	Hurricane Beryl	Blow-In	072401	14.4	2024-07-09 19:51:48.000 - 0500	4
2024-07-09-1337	Hurricane Beryl	Blow-In	072401	14.4	2024-07-09 21:43:47.000 - 0500	1123
2024-05-16-1248	May 2024 Derecho	Blow-In	072402	14.4	2024-05-16 16:36:20.000 - 0500	219
2024-05-16-1265	May 2024 Derecho	Blow-In	072402	14.4	2024-05-16 16:42:12.000 - 0500	311
2024-05-16-1489	May 2024 Derecho	Blow-In	072402	14.4	2024-05-16 19:52:44.000 - 0500	24
2024-05-17-1599	May 2024 Derecho	Blow-In	072402	14.4	2024-05-16 19:52:55.000 - 0500	846
2024-05-16-1494	May 2024 Derecho	Blow-In	072402	14.4	2024-05-16 20:18:21.000 - 0500	154
2024-05-17-1570	May 2024 Derecho	Blow-In	072402	14.4	2024-05-17 00:31:39.000 - 0500	193
2024-07-08-0207	Hurricane Beryl	Blow-In	072402	14.4	2024-07-08 08:57:54.000 - 0500	3090
2024-07-08-0208	Hurricane Beryl	Blow-In	072402	14.4	2024-07-08 08:58:18.000 - 0500	3216
2024-07-08-0240	Hurricane Beryl	Blow-In	072402	14.4	2024-07-08 09:18:28.000 - 0500	3647
2024-07-08-0288	Hurricane Beryl	Blow-In	072402	14.4	2024-07-08 09:59:36.000 - 0500	3350
2024-07-08-0337	Hurricane Beryl	Blow-In	072402	14.4	2024-07-08 10:37:05.000 - 0500	3413
2024-07-08-0627	Hurricane Beryl	Blow-In	072402	14.4	2024-07-08 15:38:00.000 - 0500	3062
2024-07-09-1328	Hurricane Beryl	Blow-In	072402	14.4	2024-07-09 21:14:30.000 - 0500	837
2024-07-10-1609	Hurricane Beryl	Blow-In	072402	14.4	2024-07-10 20:59:25.000 - 0500	884
2024-07-11-1700	Hurricane Beryl	Blow-In	072402	14.4	2024-07-10 22:20:40.000 - 0500	697
2024-07-11-1669	Hurricane Beryl	Blow-In	072402	14.4	2024-07-11 06:40:00.000 - 0500	491
2024-07-11-1722	Hurricane Beryl	Blow-In	072402	14.4	2024-07-11 10:21:54.000 - 0500	267
2024-07-12-1884	Hurricane Beryl	Blow-In	072402	14.4	2024-07-12 16:05:07.000 - 0500	138
2024-05-16-1241	May 2024 Derecho	Blow-In	072403	14.4	2024-05-16 16:21:14.000 - 0500	233
2024-05-16-1446	May 2024 Derecho	Blow-In	072403	14.4	2024-05-16 18:44:54.000 - 0500	330
2024-07-08-0281	Hurricane Beryl	Blow-In	072403	14.4	2024-07-08 09:55:18.000 - 0500	2918
2024-07-08-0318	Hurricane Beryl	Blow-In	072403	14.4	2024-07-08 10:25:46.000 - 0500	2979
2024-07-08-0333	Hurricane Beryl	Blow-In	072403	14.4	2024-07-08 10:35:41.000 - 0500	2811
2024-07-08-0739	Hurricane Beryl	Blow-In	072403	14.4	2024-07-08 20:27:32.000 - 0500	739
2024-07-08-0741	Hurricane Beryl	Blow-In	072403	14.4	2024-07-08 20:28:05.000 - 0500	2145
2024-07-09-0939	Hurricane Beryl	Blow-In	072403	14.4	2024-07-09 07:33:27.000 - 0500	3300

2024-07-09-1151	Hurricane Beryl	Blow-In	072403	14.4	2024-07-09 13:15:58.000 - 0500	150
2024-07-10-1416	Hurricane Beryl	Blow-In	072403	14.4	2024-07-10 09:29:00.000 - 0500	638
2024-07-10-1437	Hurricane Beryl	Blow-In	072403	14.4	2024-07-10 10:24:53.000 - 0500	695
2024-07-10-1447	Hurricane Beryl	Blow-In	072403	14.4	2024-07-10 11:07:09.000 - 0500	151
2024-07-10-1564	Hurricane Beryl	Blow-In	072403	14.4	2024-07-10 17:53:09.000 - 0500	994
2024-07-08-0188	Hurricane Beryl	Blow-In	182413	14.4	2024-07-08 08:45:19.000 - 0500	3405
2024-07-08-0653	Hurricane Beryl	Blow-In	182413	14.4	2024-07-08 18:43:00.000 - 0500	4261
2024-07-08-0734	Hurricane Beryl	Blow-In	182413	14.4	2024-07-08 20:13:04.000 - 0500	2514
2024-07-10-1566	Hurricane Beryl	Blow-In	182413	14.4	2024-07-09 09:40:31.000 - 0500	2989
2024-07-10-1567	Hurricane Beryl	Blow-In	182413	14.4	2024-07-09 10:36:20.000 - 0500	3076
2024-07-10-1569	Hurricane Beryl	Blow-In	182413	14.4	2024-07-09 14:27:50.000 - 0500	2738
2024-07-10-1568	Hurricane Beryl	Blow-In	182413	14.4	2024-07-09 15:53:11.000 - 0500	1711
2024-07-09-1336	Hurricane Beryl	Blow-In	182413	14.4	2024-07-09 21:43:17.000 - 0500	795
2024-07-09-1338	Hurricane Beryl	Blow-In	182413	14.4	2024-07-09 21:48:00.000 - 0500	696
2024-07-10-1389	Hurricane Beryl	Blow-In	182413	14.4	2024-07-10 06:31:02.000 - 0500	742
2024-07-10-1390	Hurricane Beryl	Blow-In	182413	14.4	2024-07-10 06:31:18.000 - 0500	386
2024-07-10-1391	Hurricane Beryl	Blow-In	182413	14.4	2024-07-10 06:32:55.000 - 0500	491
2024-07-10-1415	Hurricane Beryl	Blow-In	182413	14.4	2024-07-10 09:25:12.000 - 0500	70
2024-07-11-1765	Hurricane Beryl	Blow-In	182413	14.4	2024-07-11 14:08:58.000 - 0500	85
2024-05-16-1310	May 2024 Derecho	Blow-In	182414	14.4	2024-05-16 17:11:41.000 - 0500	604
2024-05-16-1355	May 2024 Derecho	Blow-In	182414	14.4	2024-05-16 17:48:13.000 - 0500	682
2024-05-17-1576	May 2024 Derecho	Blow-In	182414	14.4	2024-05-17 05:24:38.000 - 0500	971
2024-05-17-1604	May 2024 Derecho	Blow-In	182414	14.4	2024-05-17 10:02:55.000 - 0500	66
2024-07-08-0173	Hurricane Beryl	Blow-In	182414	14.4	2024-07-08 07:55:48.000 - 0500	4603
2024-07-08-0390	Hurricane Beryl	Blow-In	182414	14.4	2024-07-08 11:27:22.000 - 0500	3353
2024-07-09-1356	Hurricane Beryl	Blow-In	182414	14.4	2024-07-09 22:19:58.000 - 0500	954
2024-07-10-1605	Hurricane Beryl	Blow-In	182414	14.4	2024-07-10 20:55:00.000 - 0500	1362
2024-07-11-1754	Hurricane Beryl	Blow-In	182414	14.4	2024-07-11 08:48:52.000 - 0500	535
2024-07-11-1723	Hurricane Beryl	Blow-In	182414	14.4	2024-07-11 10:27:46.000 - 0500	10
2024-07-11-1752	Hurricane Beryl	Blow-In	182414	14.4	2024-07-11 12:37:11.000 - 0500	402
2024-07-11-1753	Hurricane Beryl	Blow-In	182414	14.4	2024-07-11 12:37:26.000 - 0500	402
2024-07-11-1755	Hurricane Beryl	Blow-In	182414	14.4	2024-07-11 12:38:33.000 - 0500	305
2024-05-16-1260	May 2024 Derecho	Blow-In	182415	14.4	2024-05-16 16:41:22.000 - 0500	464

2024-05-16-1269	May 2024 Derecho	Blow-In	182415	14.4	2024-05-16 16:44:54.000 - 0500	1001
2024-05-16-1282	May 2024 Derecho	Blow-In	182415	14.4	2024-05-16 16:53:05.000 - 0500	434
2024-05-16-1526	May 2024 Derecho	Blow-In	182415	14.4	2024-05-16 21:30:01.000 - 0500	1126
2024-05-17-1627	May 2024 Derecho	Blow-In	182415	14.4	2024-05-17 16:06:19.000 - 0500	608
2024-05-17-1629	May 2024 Derecho	Blow-In	182415	14.4	2024-05-17 16:08:49.000 - 0500	1215
2024-07-08-0234	Hurricane Beryl	Blow-In	182415	14.4	2024-07-08 09:14:59.000 - 0500	3428
2024-07-08-0255	Hurricane Beryl	Blow-In	182415	14.4	2024-07-08 09:33:30.000 - 0500	3784
2024-07-08-0327	Hurricane Beryl	Blow-In	182415	14.4	2024-07-08 10:30:31.000 - 0500	4511
2024-07-08-0794	Hurricane Beryl	Blow-In	182415	14.4	2024-07-08 21:53:59.000 - 0500	2608
2024-07-11-1791	Hurricane Beryl	Blow-In	182415	14.4	2024-07-11 16:16:02.000 - 0500	206
2024-05-16-1344	May 2024 Derecho	Blow-In	062401	14.4	2024-05-16 17:39:00.000 - 0500	438
2024-05-16-1488	May 2024 Derecho	Blow-In	062401	14.4	2024-05-16 19:50:45.000 - 0500	246
2024-07-08-0201	Hurricane Beryl	Blow-In	062401	14.4	2024-07-08 08:55:10.000 - 0500	2176
2024-07-08-0227	Hurricane Beryl	Blow-In	062401	14.4	2024-07-08 09:10:32.000 - 0500	3304
2024-07-08-0320	Hurricane Beryl	Blow-In	062401	14.4	2024-07-08 10:27:02.000 - 0500	3227
2024-07-08-0484	Hurricane Beryl	Blow-In	062401	14.4	2024-07-08 12:47:53.000 - 0500	3106
2024-07-09-0895	Hurricane Beryl	Blow-In	062401	14.4	2024-07-09 07:07:35.000 - 0500	2302
2024-07-09-1150	Hurricane Beryl	Blow-In	062401	14.4	2024-07-09 13:14:10.000 - 0500	1574
2024-07-09-1152	Hurricane Beryl	Blow-In	062401	14.4	2024-07-09 13:21:42.000 - 0500	1575
2024-07-09-1157	Hurricane Beryl	Blow-In	062401	14.4	2024-07-09 13:22:00.000 - 0500	1575
2024-07-10-1533	Hurricane Beryl	Blow-In	062401	14.4	2024-07-09 13:31:00.000 - 0500	3119
2024-07-09-1165	Hurricane Beryl	Blow-In	062401	14.4	2024-07-09 13:31:52.000 - 0500	1213
2024-07-10-1531	Hurricane Beryl	Blow-In	062401	14.4	2024-07-09 21:23:23.000 - 0500	2212
2024-07-10-1373	Hurricane Beryl	Blow-In	062401	14.4	2024-07-09 21:25:18.000 - 0500	2468
2024-07-10-1532	Hurricane Beryl	Blow-In	062401	14.4	2024-07-09 21:26:36.000 - 0500	2154
2024-07-10-1536	Hurricane Beryl	Blow-In	062401	14.4	2024-07-10 15:38:39.000 - 0500	218
2024-07-10-1548	Hurricane Beryl	Blow-In	062401	14.4	2024-07-10 16:16:32.000 - 0500	17
2024-07-11-1704	Hurricane Beryl	Blow-In	062401	14.4	2024-07-11 09:04:58.000 - 0500	423
2024-07-11-1759	Hurricane Beryl	Blow-In	062401	14.4	2024-07-11 13:03:10.000 - 0500	128
2024-07-11-1816	Hurricane Beryl	Blow-In	062401	14.4	2024-07-11 17:58:01.000 - 0500	34
2024-07-10-1470	Hurricane Beryl	Blow-In	062403	14.4	2024-07-08 16:10:18.000 - 0500	3924
2024-07-10-1474	Hurricane Beryl	Blow-In	062403	14.4	2024-07-08 21:28:23.000 - 0500	2436
2024-07-10-1469	Hurricane Beryl	Blow-In	062403	14.4	2024-07-09 08:17:59.000 - 0500	2966

2024-07-11-1717	Hurricane Beryl	Blow-In	062403	14.4	2024-07-11 10:02:51.000 - 0500	163
2024-07-08-0232	Hurricane Beryl	Blow-In	062404	14.4	2024-07-08 09:12:00.000 - 0500	3070
2024-05-16-1324	May 2024 Derecho	Blow-In	172412	14.4	2024-05-16 17:19:44.000 - 0500	381
2024-05-16-1334	May 2024 Derecho	Blow-In	172412	14.4	2024-05-16 17:24:57.000 - 0500	533
2024-05-16-1452	May 2024 Derecho	Blow-In	172412	14.4	2024-05-16 18:55:49.000 - 0500	378
2024-05-16-1470	May 2024 Derecho	Blow-In	172412	14.4	2024-05-16 19:03:24.000 - 0500	1340
2024-05-17-1574	May 2024 Derecho	Blow-In	172412	14.4	2024-05-17 02:47:31.000 - 0500	1008
2024-05-17-1614	May 2024 Derecho	Blow-In	172412	14.4	2024-05-17 13:02:30.000 - 0500	435
2024-07-08-0252	Hurricane Beryl	Blow-In	172412	14.4	2024-07-08 09:31:55.000 - 0500	958
2024-07-09-0851	Hurricane Beryl	Blow-In	172412	14.4	2024-07-09 01:53:19.000 - 0500	1969
2024-07-09-0852	Hurricane Beryl	Blow-In	172412	14.4	2024-07-09 01:56:33.000 - 0500	6018
2024-07-09-0896	Hurricane Beryl	Blow-In	172412	14.4	2024-07-09 07:14:40.000 - 0500	3216
2024-07-09-0897	Hurricane Beryl	Blow-In	172412	14.4	2024-07-09 07:17:45.000 - 0500	3381
2024-07-09-0898	Hurricane Beryl	Blow-In	172412	14.4	2024-07-09 07:18:00.000 - 0500	3325
2024-07-09-1099	Hurricane Beryl	Blow-In	172412	14.4	2024-07-09 10:26:01.000 - 0500	2822
2024-07-09-1147	Hurricane Beryl	Blow-In	172412	14.4	2024-07-09 12:58:09.000 - 0500	2920
2024-07-09-1190	Hurricane Beryl	Blow-In	172412	14.4	2024-07-09 14:04:38.000 - 0500	100
2024-07-09-1202	Hurricane Beryl	Blow-In	172412	14.4	2024-07-09 14:15:20.000 - 0500	3146
2024-07-09-1203	Hurricane Beryl	Blow-In	172412	14.4	2024-07-09 14:15:26.000 - 0500	3144
2024-07-09-1204	Hurricane Beryl	Blow-In	172412	14.4	2024-07-09 14:17:41.000 - 0500	2591
2024-05-16-1346	May 2024 Derecho	Blow-In	172413	14.4	2024-05-16 17:41:19.000 - 0500	425
2024-05-17-1598	May 2024 Derecho	Blow-In	172413	14.4	2024-05-17 09:30:53.000 - 0500	495
2024-05-17-1633	May 2024 Derecho	Blow-In	172413	14.4	2024-05-17 16:50:10.000 - 0500	60
2024-07-08-0166	Hurricane Beryl	Blow-In	172413	14.4	2024-07-08 07:41:55.000 - 0500	1042
2024-07-09-0843	Hurricane Beryl	Blow-In	172413	14.4	2024-07-08 21:26:22.000 - 0500	3971
2024-07-09-0844	Hurricane Beryl	Blow-In	172413	14.4	2024-07-08 21:53:55.000 - 0500	1108
2024-07-09-0965	Hurricane Beryl	Blow-In	172413	14.4	2024-07-09 08:42:05.000 - 0500	3295
2024-07-09-1068	Hurricane Beryl	Blow-In	172413	14.4	2024-07-09 09:34:56.000 - 0500	3145
2024-07-11-1747	Hurricane Beryl	Blow-In	172413	14.4	2024-07-09 10:54:40.000 - 0500	3138
2024-07-09-1242	Hurricane Beryl	Blow-In	172413	14.4	2024-07-09 16:28:22.000 - 0500	257
2024-07-09-1256	Hurricane Beryl	Blow-In	172413	14.4	2024-07-09 17:06:37.000 - 0500	218
2024-07-09-1342	Hurricane Beryl	Blow-In	172413	14.4	2024-07-09 21:57:39.000 - 0500	2414
2024-07-10-1429	Hurricane Beryl	Blow-In	172413	14.4	2024-07-10 09:52:00.000 - 0500	188

2024-07-11-1821	Hurricane Beryl	Blow-In	172413	14.4	2024-07-11 18:58:33.000 - 0500	888
2024-07-11-1822	Hurricane Beryl	Blow-In	172413	14.4	2024-07-11 18:58:58.000 - 0500	889
2024-07-12-1873	Hurricane Beryl	Blow-In	172413	14.4	2024-07-12 13:39:27.000 - 0500	209
2024-05-16-1349	May 2024 Derecho	Blow-In	172422	14.4	2024-05-16 17:43:55.000 - 0500	315
2024-05-16-1565	May 2024 Derecho	Blow-In	172422	14.4	2024-05-16 23:31:25.000 - 0500	9
2024-07-08-0181	Hurricane Beryl	Blow-In	172422	14.4	2024-07-08 08:13:02.000 - 0500	2286
2024-07-08-0211	Hurricane Beryl	Blow-In	172422	14.4	2024-07-08 09:03:14.000 - 0500	2122
2024-07-09-1362	Hurricane Beryl	Blow-In	172422	14.4	2024-07-09 20:50:30.000 - 0500	2549
2024-07-09-1360	Hurricane Beryl	Blow-In	172422	14.4	2024-07-09 20:53:01.000 - 0500	1431
2024-07-09-1361	Hurricane Beryl	Blow-In	172422	14.4	2024-07-09 22:07:05.000 - 0500	904
2024-07-10-1370	Hurricane Beryl	Blow-In	172422	14.4	2024-07-10 01:15:00.000 - 0500	2012
2024-07-10-1505	Hurricane Beryl	Blow-In	172422	14.4	2024-07-10 13:15:30.000 - 0500	1564
2024-07-11-1682	Hurricane Beryl	Blow-In	172422	14.4	2024-07-11 08:07:00.000 - 0500	158
2024-07-08-0287	Hurricane Beryl	Blow-In	172424	14.4	2024-07-08 09:59:00.000 - 0500	4644
2024-07-08-0294	Hurricane Beryl	Blow-In	172424	14.4	2024-07-08 10:05:33.000 - 0500	1650
2024-07-08-0437	Hurricane Beryl	Blow-In	172424	14.4	2024-07-08 12:06:43.000 - 0500	1485
2024-07-08-0605	Hurricane Beryl	Blow-In	172424	14.4	2024-07-08 15:28:52.000 - 0500	4523
2024-07-08-0746	Hurricane Beryl	Blow-In	172424	14.4	2024-07-08 20:34:46.000 - 0500	1172
2024-07-08-0747	Hurricane Beryl	Blow-In	172424	14.4	2024-07-08 20:35:55.000 - 0500	1253
2024-07-08-0748	Hurricane Beryl	Blow-In	172424	14.4	2024-07-08 20:36:27.000 - 0500	4280
2024-07-09-1171	Hurricane Beryl	Blow-In	172424	14.4	2024-07-09 13:48:05.000 - 0500	3088
2024-07-09-1172	Hurricane Beryl	Blow-In	172424	14.4	2024-07-09 13:49:20.000 - 0500	3012
2024-05-16-1473	May 2024 Derecho	Blow-In	132415	14.4	2024-05-16 19:14:26.000 - 0500	624
2024-07-08-0175	Hurricane Beryl	Blow-In	132415	14.4	2024-07-08 07:58:17.000 - 0500	2499
2024-07-10-1377	Hurricane Beryl	Blow-In	132415	14.4	2024-07-10 03:41:00.000 - 0500	744
2024-07-10-1396	Hurricane Beryl	Blow-In	132415	14.4	2024-07-10 07:31:37.000 - 0500	513
2024-07-10-1457	Hurricane Beryl	Blow-In	132415	14.4	2024-07-10 11:39:31.000 - 0500	391
2024-07-10-1512	Hurricane Beryl	Blow-In	132415	14.4	2024-07-10 13:32:28.000 - 0500	276
2024-07-10-1514	Hurricane Beryl	Blow-In	132415	14.4	2024-07-10 13:54:28.000 - 0500	124
2024-07-11-1744	Hurricane Beryl	Blow-In	132415	14.4	2024-07-11 11:50:49.000 - 0500	249
2024-07-11-1804	Hurricane Beryl	Blow-In	132415	14.4	2024-07-11 17:22:26.000 - 0500	65
2024-07-12-1845	Hurricane Beryl	Blow-In	132415	14.4	2024-07-12 08:49:04.000 - 0500	126
2024-07-12-1851	Hurricane Beryl	Blow-In	132415	14.4	2024-07-12 09:34:20.000 - 0500	472

2024-07-08-0221	Hurricane Beryl	Blow-In	132423	14.4	2024-07-08 09:08:01.000 - 0500	2106
2024-07-08-0222	Hurricane Beryl	Blow-In	132423	14.4	2024-07-08 09:08:09.000 - 0500	3268
2024-07-09-1301	Hurricane Beryl	Blow-In	132423	14.4	2024-07-09 19:41:30.000 - 0500	1237
2024-07-10-1624	Hurricane Beryl	Blow-In	132423	14.4	2024-07-10 09:01:16.000 - 0500	1765
2024-07-10-1627	Hurricane Beryl	Blow-In	132423	14.4	2024-07-10 09:34:23.000 - 0500	1828
2024-07-11-1658	Hurricane Beryl	Blow-In	132423	14.4	2024-07-11 02:14:22.000 - 0500	625
2024-07-11-1767	Hurricane Beryl	Blow-In	132423	14.4	2024-07-11 14:39:30.000 - 0500	325
2024-07-12-1833	Hurricane Beryl	Blow-In	132423	14.4	2024-07-12 02:27:44.000 - 0500	306

Sponsor: Kerry Kelton

## STAFF 1-79

Please provide aerial maps of circuits and their easements that experienced a vegetation-related outage during the May 2024 Derecho and Hurricane Beryl. Overlay the map with the circuits that received vegetation management treatment for the past 5 years, using a distinct color code for each year. Provide any additional information or details to show clarity.

**RESPONSE:** The information responsive to this request is considered confidential critical energy infrastructure protected information; please see the Confidentiality Statement below. MidSouth will supplement this response if it can produce the material confidentially.

## CONFIDENTIALITY STATEMENT

The response to this RFI contains confidential critical energy infrastructure information (CEII) that is protected from public disclosure pursuant to Tex. Gov't Code § 552.101 in conjunction with 18 C.F.R. § 388.113(c)(2) and Tex. Gov't Code § 418.181. As the information is also voluminous, the information is not being filed with the responses. The rules of the Federal Energy Regulatory Commission at 18 C.F.R. § 388.113 restrict public access to, establish a duty to protect, and provide for sanctions for unauthorized disclosure of, CEII. CEII is defined as follows:

- (2) *Critical energy infrastructure information* means specific engineering, vulnerability, or detailed design information about proposed or existing critical infrastructure that:
- (i) Relates details about the production, generation, transportation, transmission, or distribution of energy;
  - (ii) Could be useful to a person in planning an attack on critical infrastructure;
  - (iii) Is exempt from mandatory disclosure under the Freedom of Information Act, 5 U.S.C. 552; and
  - (iv) Does not simply give the general location of the critical infrastructure.

18 C.F.R. § 388.113(c)(2).

Similarly, the Texas Homeland Security Act protects critical infrastructure information from public disclosure. Tex. Gov't Code § 418.181. Specifically, “[t]hose documents or portions of documents in the possession of a governmental entity are confidential if they identify the technical details of particular vulnerabilities of critical infrastructure to an act of terrorism.” *Id.*

MidSouth's response to Staff 1-79 would contain CEII exempted from public disclosure under federal and state law. Such information includes detailed feeder maps and substation locations that, when viewed as a whole, reveal every feeder and substation on MidSouth's system. Thus, this information provides details about the distribution of energy, which could be useful to a person planning an attack on critical infrastructure, as the information identifies critical feeders and substations and potential vulnerabilities in MidSouth's critical infrastructure. The release of this information could be instrumental to terrorists in damaging MidSouth's infrastructure, disrupting power to its customers, and thwarting efforts to timely restore power to its customers.

**VOLUMINOUS STATEMENT**

A response to this RFI is expected to be voluminous. Pursuant to 16 TAC § 22.144(h)(2), responsive confidential information would be made available for inspection at the offices of McGinnis Lochridge, LLP, 1111 West 6th St., Bldg. B, Suite 400, Austin, Texas 78703; telephone number (512) 495-6068.

Sponsor: Kerry Kelton

**STAFF 1-80**

For the May 2024 Derecho and Hurricane Beryl, please provide the percentage of forced interruptions that were related to vegetation issues.

**RESPONSE:**

Event	Outage Category	Count	Percentage
May 2024 Derecho	Vegetation	72	52%
May 2024 Derecho	Non-Vegetation	67	48%
Hurricane Beryl	Vegetation	318	69%
Hurricane Beryl	Non-Vegetation	145	31%

Sponsor: Kerry Kelton

**STAFF 1-81**

What steps are being taken to address vegetation management and infrastructure issues that contributed to outages or were identified during restoration after the May 2024 Derecho and Hurricane Beryl?

**RESPONSE:**

Prior to Hurricane Beryl, MidSouth started an update to its vegetation management plan. MidSouth will continue its yearly reliability based trimming cycle as planned on a 3 to 5-year rotation.

Sponsor: Kerry Kelton

**STAFF 1-82**

When did you last substantively review, augment, or modify your vegetation management plan before July 8, 2024?

**RESPONSE:**

MidSouth has had a vegetation management plan in place since at least the early 2000's. Prior to July 8, 2024, MidSouth's vegetation management plan was reviewed and augmented in June 2024 to include newer technologies to assess hazards.

Sponsor: Kerry Kelton

**STAFF 1-83**

What percentage of vegetation-related outages were caused by trees or branches outside of the easement or right of way? In responding to this question, please provide both an overall percentage and a breakdown for each county within your service territory that was affected by the May 2024 Derecho or within the Impacted Area for Hurricane Beryl.

**RESPONSE:**

One hundred percent of vegetation-related outages were caused by trees or branches outside of the easement or right-of-way.

Event	County	Outage Category	Outage Count	Blow-In %
Hurricane Beryl	Brazos	Blow-In	6	100%
Hurricane Beryl	Grimes	Blow-In	79	100%
Hurricane Beryl	Madison	Blow-In	6	100%
Hurricane Beryl	Montgomery	Blow-In	171	100%
Hurricane Beryl	Walker	Blow-In	56	100%
May 2024 Derecho	Grimes	Blow-In	15	100%
May 2024 Derecho	Madison	Blow-In	6	100%
May 2024 Derecho	Montgomery	Blow-In	36	100%
May 2024 Derecho	Walker	Blow-In	15	100%

Sponsor: Kerry Kelton

**STAFF 1-84**

Describe your programs or initiatives that are designed to work with property owners to address potentially hazardous vegetation management issues that are outside of the utility easement or right of way.

**RESPONSE:** If MidSouth notices an issue outside of its easement or ROW, MidSouth works with the owner of the property to remove the hazard tree. If the member calls into MidSouth to report a hazard tree, MidSouth will work with the member to remove the hazard tree.

Sponsor: Kerry Kelton

**STAFF 1-85**

Identify the number of staff that participate in any program or initiative designed to address vegetation management hazards outside of the utility easement or right of way.

**RESPONSE:** MidSouth field crews are consistently looking for hazard trees outside of the easement or ROW as they perform their day-to-day work. Other internal departments that work on this initiative include GIS, Member Services, Engineering, and Staking. Over 100 staff participate in this initiative.

Sponsor: Kerry Kelton

**STAFF 1-86**

Please state whether you participated in or were a member of any mutual assistance programs on or before July 8, 2024. If yes:

- a. Please identify all mutual assistance programs you participated in or were a member of on that date;
- b. Please provide copies of any agreements entered as part of your membership or participation in those mutual assistance programs; and
- c. Please provide a list of members or participants for each mutual assistance program you are a member or participant in.

**RESPONSE: Yes**

- a. MidSouth participates with TEC as part of their mutual assistance program throughout the state of Texas and neighboring states.
- b. MidSouth uses a consistent mutual assistance agreement among all cooperatives.
- c. Texas Electric Cooperatives.

Sponsor: Kerry Kelton

**STAFF 1-87**

Please describe, prior to, during, or in the aftermath of Hurricane Beryl how you integrated mutual assistance crews into your existing emergency preparedness and response processes, any coordination challenges you faced in doing so, and how you addressed any such challenges prior to, during, or in the aftermath of Hurricane Beryl.

**RESPONSE:** Prior to Hurricane Beryl, MidSouth was in coordination with TEC for potential mutual aid assistance, both receiving and/or giving assistance. Once MidSouth was aware Hurricane Beryl would come through its service territory, MidSouth contacted TEC and TEC put MidSouth in communication with the volunteering cooperatives. Mutual assistance crews were put in place Tuesday morning, July 9, 2024.

Sponsor: Kerry Kelton

**STAFF 1-88**

Please describe the command structure and communication protocols used to manage and direct resources from mutual assistance program(s) you received assistance from prior to, during, and in the aftermath of Hurricane Beryl.

**RESPONSE:** Each mutual assistance crew was assigned a MidSouth Field Operations Coordinator (FOC) with the responsibility for communication and coordination of the crew.

Before any crew could reenergize a line, the FOC communicated with MidSouth's System Operations to approve the reenergization of the line.

Sponsor: Kerry Kelton

**STAFF 1-89**

Please describe the process and timeline for requesting or activating assistance as part of your membership or participation in any mutual assistance program(s) prior to, during, or in the aftermath of Hurricane Beryl.

**RESPONSE:** Prior to Hurricane Beryl, MidSouth was in coordination with TEC for potential mutual aid assistance, both receiving and/or giving assistance. Once MidSouth was aware Hurricane Beryl would come through its service territory, MidSouth contacted TEC and TEC put MidSouth in communication with the volunteering cooperatives. Mutual assistance crews were put in place Tuesday morning, July 9, 2024.

Sponsor: Kerry Kelton

**STAFF 1-90**

Once you learned of the Hurricane Beryl's potential to affect your ability to provide service to your customers, what specific actions were taken to begin coordinating with and staging mutual assistance resources to respond to service issues resulting from the hurricane?

**RESPONSE:** Prior to Hurricane Beryl, MidSouth was in coordination with TEC for potential mutual aid assistance, both receiving and/or giving assistance. Once MidSouth was aware Hurricane Beryl would come through its service territory, MidSouth contacted TEC and TEC put MidSouth in communication with the volunteering cooperatives. Mutual assistance crews were put in place Tuesday morning, July 9, 2024.

Sponsor: Kerry Kelton

**STAFF 1-91**

Provide the following information concerning mutual assistance received in response to either the May 2024 Derecho or Hurricane Beryl:

- a. Identify all mutual assistance programs from which you requested assistance;
- b. Describe the specific assistance, including but not limited to the number of damage assessors, vegetation management crews, linemen, generators, and materials, requested from the mutual assistance program(s); and
- c. Provide all documentation of requests made to mutual assistance programs and their responses to your requests.
- d. If it is not evident from the documentation provided in response to Staff 1-91(c), please provide the date the request was made, the date the specific assistance requested began arriving in the Impacted Area, and the date by when the specific assistance requested was fully received.

**RESPONSE:**

- a. Texas Electric Cooperatives.
- b. Only linemen were provided by mutual assistance.
- c. All requests were made by email or phone call to TEC.
- d. Request was made July 7, 2024. Assistance began and was fully received on the morning of July 9<sup>th</sup>.

Sponsor: Kerry Kelton

**STAFF 1-92**

When you receive responses to requests for assistance from other mutual assistance program participants that confirm their ability to provide the requested assistance, are you able to accept or decline resources being offered as needed, or must you accept all assistance provided in response to a request?

**RESPONSE:** Utilization of mutual assistance is accepted on an as-needed basis.

Sponsor: Kerry Kelton

**STAFF 1-93**

What considerations did you give to reimbursement of costs and expenses incurred by participants of mutual assistance programs when making requests for assistance during the events of Hurricane Beryl?

**RESPONSE:** Not Applicable - Costs are already pre-defined by MidSouth's agreement with TEC.

Sponsor: Kerry Kelton

**STAFF 1-94**

Please provide a list of any hurricane response staging area you established in the lead up to and in the aftermath of Hurricane Beryl. Please include the date the center(s) was established, the location of the center(s), the day-to-day staffing levels at the center, and types of equipment and personnel staged at the center(s).

**RESPONSE:**

MidSouth utilized all existing operations centers located within its service territories. No new emergency staging areas were established in response to Hurricane Beryl.

Sponsor: Kerry Kelton

**STAFF 1-95**

How did the rollout and deployment of mutual assistance during the events of Hurricane Beryl compare to previous hurricane events during which you requested assistance from mutual assistance programs? In your response, please specifically compare the types and quantities of resources requested, the percentage of request aid provided, the efficacy of coordination between your company and the mutual assistance provider, and the efficiency of staging, deployment, and release of those assistance resources.

**RESPONSE:** Mutual assistance worked well as it has in the past and went according to plan.

Sponsor: Kerry Kelton

**STAFF 1-96**

Please describe what specific actions you took to begin staging internal staff and any responsive mutual assistance crews or resources.

**RESPONSE:** MidSouth began communicating with internal staff on July 3, 2024, and began assigning internal crews to crew locations and responsibilities according to MidSouth's confidential EOP on July 7<sup>th</sup>. MidSouth damage assessment and line contractor crews were pre-staged on July 7<sup>th</sup> and additional contractors arrived on July 8<sup>th</sup>. Mutual assistance crews started and were assigned on the morning of July 9<sup>th</sup>.

Sponsor: Kerry Kelton

**STAFF 1-97**

Did you have to train or on-board any personnel that was provided in response to your request(s) for mutual assistance during the events of Hurricane Beryl? If yes, please describe what kind of training or on-boarding you provided.

**RESPONSE:**

MidSouth utilized contractors that work on its system on a regular basis that did not require much additional on-boarding. Contractors were required to get MidSouth applications on their tablets and a short training session to use the applications. They were also required to receive a short communication training with the FOC. A short briefing was required to discuss MidSouth's safety protocols.

Mutual assistance crews utilize many of the same construction and safety standards as MidSouth because they work for other electric cooperatives. A short briefing was required to discuss MidSouth's safety and communication protocols.

A short safety briefing was given to each crew before leaving the yard each morning of the restoration.

Sponsor: Kerry Kelton

**STAFF 1-98**

Please provide details regarding the lease or procurement of each mobile generation facility in the Transmission and Distribution Utility's (TDU) control, including:

- a. Details regarding the competitive bidding process used or the justification for not using a competitive bidding process;
- b. The size of each mobile generation facility in megawatts (MW);
- c. The initial lease or procurement date of each facility;
- d. The lease term, in months, of each mobile generation facility;
- e. The expiration date of each facility's lease;
- f. The to-date costs associated with each mobile generation facility, including operating, leasing costs, or other capital expense;
- g. The expected costs associated with each lease, including operation and leasing costs; and
- h. The expected return on investment associated with each lease or procurement.

**RESPONSE:**

Not Applicable – MidSouth does not have any mobile generation.

Sponsor: Kerry Kelton

**STAFF 1-99**

Please provide details regarding mobile generation or temporary emergency electric energy facilities (TEEEF):

- a. The control number of the TDU's most recently approved mobile generation or TEEEF cost recovery;
- b. Details regarding whether the mobile generation or TEEEF cost recovery was processed as part of a larger Distribution Cost Recovery Factor proceeding or in a separate contested case;
- c. The revenue requirement associated with the TDU's mobile generation or TEEEF expenses, broken out by rate class; and
- d. The in-force tariffs associated with the TDU's mobile generation or TEEEF rider, broken out by rate class.

**RESPONSE:**

Not Applicable – MidSouth does not have any mobile generation.

Sponsor: Kerry Kelton

**STAFF 1-100**

Provide the following information concerning your customer base:

- a. Total number of customers served by rate class;
- b. Average demand by rate class;
- c. Peak demand by rate class; and
- d. Net peak demand by rate class.

**RESPONSE:**

a. Counts	
Residential	35,946
Small Commercial	4,518
Commercial	467
Area Lights only	34
Large Commercial	20
b. Average demand in kW	
Residential	2
Small Commercial	1
Commercial	25
Area Lights only	N/A
Large Commercial	717
c. Peak Demand in kW	
Residential	11
Small Commercial	8
Commercial	152
Area Lights only	N/A
Large Commercial	3067
d. Net Peak Demand <sup>3</sup> in kW	
Residential	5258
Small Commercial	57
Midsouth Solar	1800

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<sup>3</sup> Net Peak Demand was calculated using rated system size of the distributed generation installment.

**STAFF 1-101**

Please provide information on the average customer density by circuit mile for the feeders in the Impacted Area.

**RESPONSE:**

Feeder	Active Meters	Miles	Meters/Mile
12401	381	75.22	5.07
12402	147	30.21	4.87
12403	402	62.45	6.44
12404	729	108.02	6.75
142402	431	85.82	5.02
142403	980	126.24	7.76
122411	27	5.93	4.56
122412	11	8.51	1.29
122413	654	35.89	18.22
122414	1166	76.56	15.23
122422	1	1.65	0.61
222412	598	32.14	18.60
222413	627	35.31	17.76
222415	101	3.06	33.04
32412	552	34.25	16.12
32413	1352	125.15	10.80
32414	854	136.00	6.28
32422	996	65.10	15.30
32423	5	5.24	0.95
152413	872	41.02	21.26
152414	1433	29.08	49.28
152423	1310	22.39	58.50
152424	814	15.74	51.73
152432	572	26.35	21.71
152433	748	11.45	65.33
152434	1363	27.81	49.01
212412	149	22.09	6.75
212413	376	36.88	10.19
212414	307	29.46	10.42
202412	304	70.78	4.30
202413	1	1.07	0.93
202414	165	34.55	4.78

202425	1	0.85	1.18
91221	1	1.83	0.55
92411	1259	157.12	8.01
92412	558	58.41	9.55
42411	751	42.57	17.64
42412	505	36.64	13.78
42421	810	42.14	19.22
42423	681	53.95	12.62
102412	337	48.92	6.89
102422	736	148.55	4.95
102423	385	59.65	6.45
262413	2056	30.85	66.64
262414	539	11.94	45.15
262415	264	12.18	21.67
262422	950	18.24	52.10
262423	314	17.62	17.82
262424	349	6.93	50.34
72401	596	118.17	5.04
72402	420	77.21	5.44
72403	1140	192.52	5.92
182413	1009	138.05	7.31
182414	1269	117.07	10.84
182415	824	76.87	10.72
62401	885	128.90	6.87
62403	407	52.77	7.71
62404	111	12.72	8.73
172412	946	57.86	16.35
172413	724	29.35	24.66
172415	1	0.19	5.14
172422	353	22.80	15.48
172424	883	44.44	19.87
172425	1	0.19	5.21
132415	1566	32.41	48.32
132422	78	3.02	25.79
132423	685	24.55	27.90

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**STAFF 1-102**

Please provide an explanation of any alternatives to mobile generation facilities considered by the TDU before entering a lease for or procuring mobile generation facilities.

**RESPONSE:**

Not Applicable – MidSouth does not have any mobile generation.

Sponsor: Kerry Kelton

**STAFF 1-103**

Please describe the specific use cases contemplated by the TDU before executing a contract for the lease or procurement of mobile generation facilities.

**RESPONSE:**

Not Applicable – MidSouth does not have any mobile generation.

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**STAFF 1-104**

Please provide the following information concerning mobile generation facilities in your possession:

- a. The total capacity, in MWs, of mobile generation facilities leased or procured before July 8, 2024;
- b. The rationale for leasing or procuring that capacity; and
- c. And how mobility and capacity were prioritized when leasing or procuring mobile generation facilities.

**RESPONSE:**

Not Applicable – MidSouth does not have any mobile generation.

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**STAFF 1-105**

Provide the following information for mobile generation facilities already under lease or procured before July 8, 2024:

- a. The size, in MWs, of each deployed mobile generation facility;
- b. The length of time needed to move each deployed mobile generation facility from storage to its designated staging area;
- c. the length of time needed to move each mobile generation facility from staging to its deployment location;
- d. An explanation for how and where the mobile generation facility was used; and
- e. If a mobile generation facility was not used, an explanation as to why.

**RESPONSE:**

Not Applicable – MidSouth does not have any mobile generation.

Sponsor: Kerry Kelton

**STAFF 1-106**

Please describe all situations in which the TDU's leased or procured mobile generation facilities were deployed before Hurricane Beryl. If applicable, please describe how those previous deployment situations differed from the use cases initially contemplated by the TDU.

**RESPONSE:**

Not Applicable – MidSouth does not have any mobile generation.

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**STAFF 1-107**

Please provide the following information on power restoration plans or procedures regarding critical infrastructure facilities.

- a. Did the TDU develop a list of critical infrastructure facilities within the TDU's service territory?
- b. Did the TDU develop emergency preparedness plans in collaboration with critical infrastructure facilities in its service territory?
- c. Did the TDU develop a list of routes for use in reaching critical infrastructure facilities during an emergency or significant power outage?
- d. Did the TDU identify the specific steps it would take to energize critical infrastructure facilities in its service territory with mobile generation facilities?
- e. Did the TDU pre-position mobile generation facilities at critical infrastructure facilities in its service territory to respond to significant power outages in a timely manner?

**RESPONSE:**

- a. Yes.
- b. No, however, MidSouth does communicate with critical infrastructure facilities but they do not participate in MidSouth's drills.
- c. Yes.
- d. No – MidSouth does not own mobile generation facilities.
- e. No – MidSouth does not own mobile generation facilities.

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**STAFF 1-108**

Please provide the following information regarding drills, procedures, and plans to use mobile generation facilities.

- a. Did the TDU develop operating plans or procedures for the deployment of mobile generation? If so, please describe the TDUs strategy for deploying its mobile generation.
- b. Did the TDU assign specific personnel to manage, either directly or indirectly, the operation and deployment of its mobile generation facilities?
- c. Did the TDU conduct personnel trainings or preparedness drills for the operation of its mobile generation facilities?
- d. Please describe any plans or procedures developed in coordination with other TDUs or mutual assistance groups for the operation or deployment of mobile generation.

**RESPONSE:** Not Applicable – MidSouth does not have any mobile generation.

Sponsor: Kerry Kelton

**STAFF 1-109**

Please provide the following information regarding each mobile generation facility borrowed during Hurricane Beryl as part of a mutual assistance program or agreement.

- a. How the original request for mobile generation facilities through mutual assistance was made;
- b. The size, in MW, of each borrowed mobile generation facility;
- c. The date the mutual assistance program or agreement was entered;
- d. The date the borrowed mobile generation facility was deployed;
- e. The duration, in hours, of the borrowing agreement. Describe whether this duration was for a fixed number of hours or a specific number of operating hours;
- f. The identity of the original owner or lessor of the mobile generation facility subject to the mutual assistance program or agreement; and
- g. Whether obtained mobile generation facilities were used during, or in power restoration efforts following, Hurricane Beryl.
  - i. If the mobile generation facility was not deployed, provide an explanation as to why the mobile generation facility was not deployed; and
  - ii. If the mobile generation facility was deployed, provide an explanation of how it was used.

**RESPONSE:**

Not Applicable – MidSouth does not have any mobile generation.

Sponsor: Kerry Kelton

**STAFF 1-110**

When mobile generation facilities are offered to other TDUs during significant power outages, what information does the loaning TDU require from the borrowing TDU related to the probable operation of the mobile generation?

**RESPONSE:** Not Applicable – MidSouth does not have any mobile generation.

Sponsor: Kerry Kelton

**STAFF 1-111**

Please describe if any mobile generation facilities in the TDU's control were deployed in the service territories of municipally owned utilities or electric cooperatives during Hurricane Beryl.

**RESPONSE:**

Not Applicable – MidSouth does not have any mobile generation.

Sponsor: Kerry Kelton

**STAFF 1-112**

Please describe how the determination was made regarding when and where to deploy or redeploy each mobile generation facility during, or in response to, Hurricane Beryl.

**RESPONSE:**

Not Applicable – MidSouth does not have any mobile generation.

Sponsor: Kerry Kelton

**STAFF 1-113**

Please describe the number of distribution customers that had power restored by each mobile generation facility leased or procured by the TDU during, or in response to, Hurricane Beryl.

**RESPONSE:**

Not Applicable – MidSouth does not have any mobile generation.

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**STAFF 1-114**

Please describe the number of distribution customers that had power restored by each mobile generation facility obtained through mutual assistance during, or in response to, Hurricane Beryl.

**RESPONSE:**

Not Applicable– MidSouth does not have any mobile generation.

Sponsor: Kerry Kelton

**STAFF 1-115**

Please describe the number of distribution customers that had power restored by each mobile generation facility leased or procured by the TDU during, or in response to, Hurricane Beryl.

**RESPONSE:**

Not Applicable – MidSouth does not have any mobile generation.

Sponsor: Kerry Kelton

**STAFF 1-116**

Please describe the number of transmission customers that had power restored by a mobile generation facility obtained through mutual assistance during, or in response to, Hurricane Beryl.

**RESPONSE:**

Not Applicable – MidSouth does not have any mobile generation.

Sponsor: Kerry Kelton

**STAFF 1-117**

If applicable, please note if any fueling problems arose with deployed mobile generation facilities during, or in response to, Hurricane Beryl. If so, please describe the fueling problems in detail and any action that the TDU took in response.

**RESPONSE:**

Not Applicable – MidSouth does not have any mobile generation.

Sponsor: Kerry Kelton

**STAFF 1-118**

Please describe all costs incurred by the TDU that were associated with the deployment of mobile generation facilities during, or in response to, Hurricane Beryl.

**RESPONSE:**

Not Applicable – MidSouth does not have any mobile generation.

Sponsor: Kerry Kelton

**STAFF 1-119**

Please describe any obstacles that limited the deployment of mobile generation facilities during, or in response to, Hurricane Beryl.

**RESPONSE:**

Not Applicable– MidSouth does not have any mobile generation.

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**STAFF 1-120**

Please describe any procedural improvements that the TDU intends to make prior to the next deployment of mobile generation facilities. If available, please reference specific sections of any after action report or lessons learned document the TDU has created.

**RESPONSE:**

Not Applicable – MidSouth does not have any mobile generation.

Sponsor: Kerry Kelton

	Brazos			Grimes			Madison			Montgomery			Walker			Waller			Total			Grand Total
	Assessment	Vegetation	Lineman																			
7/8/2024	1			3	6	19	2		1	10	10	85	4		15	1			21	16	120	157
7/9/2024				14	6	31	2		1	16	17	116	22		25		10		54	33	173	260
7/10/2024				22	9	27	3		2	22	18	112	17		31	1	10		65	37	172	274
7/11/2024				10	12	23	1			10	15	107	9		32		6		30	33	162	225
7/12/2024				4	5	13	2		2	3	12	61	1		15				10	17	91	118
7/13/2024				2		2						6			2				2	-	10	12
7/14/2024						2						4			2				-	-	8	8
7/15/2024					13	3	1		3	1		3			2		10		2	23	11	36
7/16/2024				1	4		1		2	1	4				4				3	8	6	17
7/17/2024							1		5	1	8								2	8	5	15
7/18/2024											8					1			1	8	-	9
7/19/2024										2									2	-	-	2
7/23/2024				1			1			1			1						4	-	-	4
7/24/2024	1									2			1						4	-	-	4
7/25/2024	1						1												2	-	-	2
7/26/2024						4						2							1	-	6	7
7/29/2024	1				2		3			1		8	3						10	-	8	18
8/2/2024							1		3										1	-	3	4
8/5/2024													2		7				2	-	7	9
8/6/2024							2		7										2	-	7	9
8/12/2024												2							-	-	2	2
Total	4	-	-	60	55	124	21	-	26	70	92	506	60	-	135	3	36	-	218	183	791	1,192
Grand Total	4			239			47			668			195			39			1,192			

Numbers above represent employees who may have spent time in multiple counties throughout the day. Partial time in each county was not calculated or adjusted.



