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April 25, 2024

Mr. Steve Kahl
Director of Administration/Executive Secretary
North Dakota Public Service Commission
600 East Boulevard, Dept. 408
Bismarck, ND 58505-0480

**PUBLIC DOCUMENT – NOT
NOT PUBLIC (OR PRIVILEGED)
DATA HAS BEEN EXCISED**

**Re: In the Matter of Otter Tail Power Company’s Reliability Report and
Major Service Interruption Summary
Case No. PU-24-
Annual Report**

Dear Mr. Kahl:

Otter Tail Power Company (Otter Tail) submits this Annual Report pursuant to ND Admin. Code § 69-09-02-06, Subd. 5 and 6. This Annual Report presents our North Dakota reliability statistics for the year 2023 and includes a detailed breakdown of each major event day as defined in ND code and IEEE 2.5 beta method.

The institute of electrical and electronics engineers (IEEE) standard 1366 indices describe system average interruption frequency index (SAIFI), system average interruption duration index (SAIDI), customer average interruption duration index (CAIDI), and momentary average interruption duration index (MAIFI). State and customer service center (normalized) results are shown below. Feeder interruptions and associated indices for all interruptions (non-normalized) are included in the attached Excel spreadsheet (Attachment 1).

Also included is Otter Tail’s Major Service Interruption Summary (Attachment 2) that has been provided to the Commission since 2005.

Otter Tail Power Company’s Reliability Monitoring Process

Otter Tail utilizes an Interruption Monitoring System (IMS) for 2023 reporting. This system utilizes Itron cellular meters in a “bellwether” configuration, i.e. one single phase meter per phase per feeder or one three-phase meter per feeder after the feeder breaker, thus, Otter Tail currently monitors reliability at the feeder level.

1 PU-24-170 Filed 04/25/2024 Pages: 67
2023 Reliability Report and Major Service Interruption Summary - Redacted
Otter Tail Power Company
Rod Jensen, P.E. Senior Reliability Engr

Regarding future interruption and IEEE indices reports, Otter Tail has upgraded and continues to improve its reliability monitoring processes. On December 20, 2022, Otter Tail implemented an outage management system (OMS) which will be utilized for 2024 indices reporting. Also, Otter Tail plans to implement Advanced Metering Infrastructure (AMI) installs throughout the system with completion planned in 2025. With these reliability monitoring improvements, Otter Tail will capture more interruption data than our current system and will see increases to our future IEEE indices reported, i.e. SAIDI, SAIFI, CAIDI will see future increases in reporting due to increased granularity. MAIFI will likely remain consistent with past reporting.

A comparison of 2023 IMS and OMS system data shows anticipated increases in SAIDI by 2.2X, SAIFI by 1.2X, and CAIDI by 1.8X over indices reported in the past. With these improvements moving reliability monitoring downstream below the feeder breaker to the customer level, increasing monitoring granularity, our future indices and interruption counts recorded will increase. The change in future indices will not be a sign of decreasing reliability observed by customers, rather, the increase in interruption data will better assist Otter Tail engineering and operations staff as they look to use the information to inform future reliability improvement investment decisions.

Otter Tail Power Company's Interruption Normalization Process

As discussed above, Otter Tail has been utilizing an Interruption Monitoring System (IMS) provided by Itron with system installs starting in 2016. The Itron IMS incorporates the IEEE 2.5 beta method process to normalize reliability data. Otter Tail's 2023 2.5 Beta process is based on the following assumptions:

- Itron calculates annual system T_{med} (SAIDI/Day threshold) based on all historic data available, 2016 - 2021.
- The system T_{med} is utilized to run our indices for North Dakota and individual North Dakota Customer Service Centers.

For 2023 data, the 2.5 beta parameter assumptions are as follows:

2.5 Beta Parameters:

Alpha	Beta	Major Event Day
-2.26	2.09	19.22

After applying 2.5 Beta Parameters for 2023 across Otter Tail's system, one day met the criteria to be considered a Major Event Day (MED), December 26, 2023.

- December 26, 2023: December 25 – 27 saw Otter Tail experience a severe ice storm in ND, centered around our Jamestown Customer Service Center. Otter Tail experienced 36.21 minutes of SAIDI on December 26, 2023, exceeding the Major Event Day Threshold. Accumulation for December 25 – December 27 was more than 54 minutes.
- Excessive interruption durations were realized in the Jamestown and communities south and west. Otter Tail had 200+ broken/downed poles in the region during this event.

Below is a table showing 2023 North Dakota Normalized results for the state and our four Customer Service Centers along with Otter Tail's Key Performance Indicator Goals for our entire service territory. For a complete view of all our feeders, see the Attachment 1 spreadsheet for a description of all interruptions (non-normalized included).

2.5 Normalized Results:

2023 State/Customer Service Center	SAIFI	SAIDI (minutes)	CAIDI (minutes)	MAIFI	Sustained Customer Minutes
ND	1.557	125.17	80.42	5.195	8262922
Devils Lake	1.366	82	60.05	6.029	927601
Jamestown	2.19	186.39	85.09	6.483	3470723
Rugby	1.403	68.3	48.69	4.341	1104063
Wahpeton	0.894	128.39	143.65	2.895	2102671
2023 OTP System KPI Goals	1.2	85	70	5.5	NA

Major Service Interruption Summary

In August 2005, Otter Tail agreed to provide the North Dakota Public Service Commission with service interruption information that entailed interruptions within North Dakota affecting 500 or more customers for one hour or longer. Starting in 2022, we are including this annual summary of these reported events with our Annual Reliability Report rather than submitting it in a separate informational filing.

In 2023, there were 13 events that met the reporting criteria described above or were considered significant enough to be reported. Each event is described in Otter Tail's Major Service Interruption Summary included with this filing as Attachment 2.

An electronic copy of this filing is being sent to the North Dakota Public Service Commission at ndpsc@nd.gov.

Mr. Steve Kahl
April 25, 2024
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If you have any questions regarding this filing, please contact me at 218-739-8552 or at rjensen@otpc.com.

Sincerely,

/s/ ROD D. JENSEN, P.E.
Rod D. Jensen, P.E.
Senior Reliability Engineer

lcd
Enclosures

Equipment ID [PROTECTED DATA BEGINS...	Equipment Type	Phase(s)	Customers	Outage Start	Outage End	Duration	Customer Service		Cause	Notes
							Center	Region		
	FeederSection	B	1	2023-07-31T17:06:57	2023-07-31T17:07:03	0:00:06	Wahpeton	Wahpeton		
	FeederSection	RY	42	2023-10-16T12:34:50	2023-10-16T12:35:00	0:00:10	Wahpeton	Wahpeton		
	Substation	RBY	230	2023-09-29T08:37:53	2023-09-29T09:31:44	0:53:51	Wahpeton	Vetter_AI		
	Substation	RBY	230	2023-03-31T07:07:10	2023-03-31T07:49:21	0:42:11	Wahpeton	Vetter_AI		
	Substation	RBY	230	2023-03-31T07:00:11	2023-03-31T07:03:09	0:02:58	Wahpeton	Vetter_AI		
	Substation	RBY	230	2023-08-18T07:38:02	2023-08-18T07:38:26	0:00:24	Wahpeton	Vetter_AI		
	Substation	RBY	230	2023-09-29T08:10:55	2023-09-29T08:11:16	0:00:21	Wahpeton	Vetter_AI		
	Substation	RBY	230	2023-05-29T23:48:26	2023-05-29T23:48:34	0:00:08	Wahpeton	Vetter_AI		
	Substation	RBY	230	2023-09-29T08:01:23	2023-09-29T08:01:31	0:00:08	Wahpeton	Vetter_AI		
	Substation	RBY	230	2023-08-10T18:44:46	2023-08-10T18:44:54	0:00:08	Wahpeton	Vetter_AI		
	Substation	RBY	230	2023-05-29T23:07:42	2023-05-29T23:07:50	0:00:08	Wahpeton	Vetter_AI		
	Substation	RBY	230	2023-07-02T13:07:02	2023-07-02T13:07:08	0:00:06	Wahpeton	Vetter_AI		
	Substation	RBY	230	2023-05-29T22:05:41	2023-05-29T22:05:46	0:00:05	Wahpeton	Vetter_AI		
	Substation	R	28	2023-07-02T07:54:55	2023-07-02T07:55:52	0:00:57	Jamestown	Atkinson_Tom		
	Substation	R	28	2023-12-26T22:56:14	2023-12-26T22:57:01	0:00:47	Jamestown	Atkinson_Tom		
	Substation	R	28	2023-12-26T00:52:16	2023-12-26T00:52:16	4:29:10	Jamestown	Atkinson_Tom		
	Substation	R	28	2023-06-04T10:03:24	2023-06-04T10:04:19	0:00:55	Jamestown	Atkinson_Tom		
	Substation	R	28	2023-08-31T09:00:12	2023-08-31T09:01:05	0:00:53	Jamestown	Atkinson_Tom		
	Substation	R	28	2023-07-21T16:19:40	2023-07-21T16:20:34	0:00:54	Jamestown	Atkinson_Tom		
	Substation	R	28	2023-08-31T08:03:16	2023-08-31T08:04:18	0:01:02	Jamestown	Atkinson_Tom		
	Substation	R	28	2023-07-21T16:06:05	2023-07-21T16:07:06	0:01:01	Jamestown	Atkinson_Tom		
	Substation	BY	31	2023-12-26T09:00:13	2023-12-27T14:00:11	28:59:58	Wahpeton	Thompson_Wade		
	Substation	B	26	2023-12-26T00:38:24	2023-12-26T03:30:37	2:52:13	Wahpeton	Thompson_Wade		
	Substation	BY	31	2023-05-24T12:54:42	2023-05-24T14:31:56	1:37:14	Wahpeton	Thompson_Wade		
	Substation	B	26	2023-12-26T00:08:46	2023-12-26T00:37:45	0:28:59	Wahpeton	Thompson_Wade		
	Substation	BY	31	2023-12-27T14:20:32	2023-12-27T14:44:44	0:24:12	Wahpeton	Thompson_Wade		
	Substation	BY	31	2023-07-04T15:49:38	2023-07-04T15:53:40	0:04:02	Wahpeton	Thompson_Wade		
	Substation	BY	31	2023-04-13T22:55:28	2023-04-13T22:56:14	0:00:46	Wahpeton	Thompson_Wade		
	Substation	BY	31	2023-07-12T22:22:00	2023-07-12T22:22:20	0:00:20	Wahpeton	Thompson_Wade		
	Substation	BY	31	2023-07-11T23:51:31	2023-07-11T23:51:46	0:00:15	Wahpeton	Thompson_Wade		
	Substation	Y	10	2023-06-11T07:26:36	2023-06-11T07:26:45	0:00:09	Wahpeton	Thompson_Wade		
	Substation	B	26	2023-12-09T03:40:58	2023-12-09T03:41:03	0:00:05	Wahpeton	Thompson_Wade		
	Substation	RBY	70	2023-12-25T16:30:05	2023-12-25T21:40:07	5:10:02	Wahpeton	Hoye_Jeff		
	Substation	RBY	70	2023-11-02T19:52:58	2023-11-02T22:09:22	2:16:24	Wahpeton	Hoye_Jeff		
	Substation	RBY	70	2023-05-21T12:16:22	2023-05-21T14:21:10	2:04:48	Wahpeton	Hoye_Jeff		
	Substation	RBY	70	2023-03-31T07:30:59	2023-03-31T07:32:15	0:01:16	Wahpeton	Hoye_Jeff		
	Substation	RBY	70	2023-12-26T12:11:16	2023-12-26T12:11:38	0:00:22	Wahpeton	Hoye_Jeff		
	Substation	RBY	70	2023-12-26T12:10:13	2023-12-26T12:10:22	0:00:09	Wahpeton	Hoye_Jeff		
	Substation	RBY	70	2023-05-14T09:39:10	2023-05-14T09:39:18	0:00:08	Wahpeton	Hoye_Jeff		
	Substation	RBY	70	2023-12-26T12:19:26	2023-12-26T12:19:33	0:00:07	Wahpeton	Hoye_Jeff		
	Substation	RBY	183	2023-08-10T01:18:06	2023-08-10T01:23:39	0:05:33	Rugby	Voeller_Dave		
	Substation	RBY	183	2023-09-11T18:54:08	2023-09-11T18:54:17	0:00:09	Rugby	Voeller_Dave		
	Substation	R	1	2023-03-17T10:48:49	2023-03-17T13:48:29	2:59:40	Rugby	Voeller_Dave		
	Substation	R	1	2023-08-10T07:37:07	2023-08-10T09:46:15	2:09:08	Rugby	Voeller_Dave		
	Substation	R	1	2023-11-21T07:51:20	2023-11-21T09:49:08	1:57:48	Rugby	Voeller_Dave		
	Substation	R	1	2023-05-18T14:05:45	2023-05-18T14:11:57	0:06:12	Rugby	Voeller_Dave		
	Substation	R	1	2023-08-10T01:18:07	2023-08-10T01:23:39	0:05:32	Rugby	Voeller_Dave		
	Substation	R	1	2023-09-11T18:54:08	2023-09-11T18:54:17	0:00:09	Rugby	Voeller_Dave		
	Substation	RBY	203	2023-12-27T14:41:20	2023-12-27T20:21:46	5:40:26	Rugby	Schell_Peary		
	Substation	RBY	203	2023-12-26T00:52:17	2023-12-26T05:20:51	4:28:34	Rugby	Schell_Peary		
	Substation	RBY	203	2023-12-28T12:33:45	2023-12-28T14:57:22	2:23:37	Rugby	Schell_Peary		
	Substation	RBY	203	2023-12-30T05:24:32	2023-12-30T05:47:16	0:22:44	Rugby	Schell_Peary		

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service						Cause	Notes
				Outage Start	Outage End	Duration	Center	Region			
	Substation	RBY	203	2023-12-30T05:22:36	2023-12-30T05:23:41	0:01:05	Rugby	Schell_Peary			
	Substation	RBY	203	2023-07-21T16:06:06	2023-07-21T16:07:07	0:01:01	Rugby	Schell_Peary			
	Substation	RBY	203	2023-07-21T16:19:44	2023-07-21T16:20:43	0:00:59	Rugby	Schell_Peary			
	Substation	RBY	203	2023-06-04T10:03:23	2023-06-04T10:03:32	0:00:09	Rugby	Schell_Peary			
	Substation	RBY	203	2023-08-31T09:00:13	2023-08-31T09:00:20	0:00:07	Rugby	Schell_Peary			
	Substation	RBY	203	2023-07-02T07:54:58	2023-07-02T07:55:02	0:00:04	Rugby	Schell_Peary			
	Substation	RBY	203	2023-07-04T08:35:01	2023-07-04T08:35:04	0:00:03	Rugby	Schell_Peary			
	Substation	RBY	203	2023-08-31T08:03:23	2023-08-31T08:03:26	0:00:03	Rugby	Schell_Peary			
	Substation	RBY	53	2023-07-21T16:06:02	2023-07-21T16:07:09	0:01:07	Jamestown	Atkinson_Tom			
	Substation	BRY	53	2023-12-27T14:41:22	2023-12-28T07:57:01	17:15:39	Jamestown	Atkinson_Tom			
	Substation	BRY	53	2023-12-26T00:52:22	2023-12-26T05:21:26	4:29:04	Jamestown	Atkinson_Tom			
	Substation	BRY	53	2023-07-21T16:19:38	2023-07-21T16:20:05	0:00:27	Jamestown	Atkinson_Tom			
	Substation	RBY	53	2023-07-02T07:54:55	2023-07-02T07:55:56	0:01:01	Jamestown	Atkinson_Tom			
	Substation	BRY	53	2023-06-04T10:03:21	2023-06-04T10:03:49	0:00:28	Jamestown	Atkinson_Tom			
	Substation	BRY	53	2023-08-31T08:03:15	2023-08-31T08:03:44	0:00:29	Jamestown	Atkinson_Tom			
	Substation	BRY	53	2023-08-31T09:00:10	2023-08-31T09:00:38	0:00:28	Jamestown	Atkinson_Tom			
	Feeder	BRY	28	2023-09-05T15:22:59	2023-09-05T15:23:20	0:00:21	Rugby	Dillow_James			
	Feeder	BRY	28	2023-06-28T15:18:38	2023-06-28T15:18:58	0:00:20	Rugby	Dillow_James			
	Feeder	RBY	141	2023-05-03T16:54:47	2023-05-03T18:12:17	1:17:30	Rugby	Dillow_James			
	Feeder	BYR	141	2023-06-28T15:18:44	2023-06-28T15:19:00	0:00:16	Rugby	Dillow_James			
	Feeder	BY	88	2023-06-27T22:44:52	2023-06-27T22:45:07	0:00:15	Rugby	Dillow_James			
	Feeder	BRY	141	2023-09-05T15:23:00	2023-09-05T15:23:15	0:00:15	Rugby	Dillow_James			
	Substation	RBY	61	2023-06-13T10:38:48	2023-06-13T12:01:14	1:22:26	Wahpeton	Vetter_Al			
	Substation	RBY	61	2023-07-02T13:29:05	2023-07-02T13:29:16	0:00:11	Wahpeton	Vetter_Al			
	Substation	RBY	61	2023-07-02T13:27:45	2023-07-02T13:27:55	0:00:10	Wahpeton	Vetter_Al			
	Substation	R	4	2023-06-25T02:04:25	2023-06-25T02:04:32	0:00:07	Devils_Lake	Eriksson_Lehmann_Gardner			
	Substation	R	4	2023-01-22T15:57:17	2023-01-22T16:02:59	0:05:42	Devils_Lake	Eriksson_Lehmann_Gardner	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	R	4	2023-01-22T15:38:41	2023-01-22T15:41:34	0:02:53	Devils_Lake	Eriksson_Lehmann_Gardner	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	R	4	2023-06-28T17:59:18	2023-06-28T17:59:24	0:00:06	Devils_Lake	Eriksson_Lehmann_Gardner			
	Substation	R	4	2023-09-23T18:03:52	2023-09-23T18:03:58	0:00:06	Devils_Lake	Eriksson_Lehmann_Gardner			
	Substation	R	4	2023-06-28T17:54:30	2023-06-28T17:54:39	0:00:09	Devils_Lake	Eriksson_Lehmann_Gardner			
	Substation	RBY	294	2023-06-24T17:39:33	2023-06-24T17:44:26	0:04:53	Devils_Lake	Bruce_Jody			
	Substation	RBY	294	2023-07-04T19:06:11	2023-07-04T19:06:19	0:00:08	Devils_Lake	Bruce_Jody			
	Substation	RBY	294	2023-06-05T15:14:52	2023-06-05T15:38:46	0:23:54	Devils_Lake	Bruce_Jody			
	Substation	RBY	294	2023-06-08T18:40:36	2023-06-08T18:40:44	0:00:08	Devils_Lake	Bruce_Jody			
	Substation	RBY	294	2023-08-09T15:49:40	2023-08-09T15:49:48	0:00:08	Devils_Lake	Bruce_Jody			
	Feeder	RBY	157	2023-05-02T18:14:26	2023-05-02T18:14:41	0:00:15	Devils_Lake	Bruce_Jody			
	Feeder	RBY	157	2023-05-03T08:48:38	2023-05-03T08:48:53	0:00:15	Devils_Lake	Bruce_Jody			
	Feeder	RBY	157	2023-11-30T14:38:38	2023-11-30T14:38:45	0:00:07	Devils_Lake	Bruce_Jody			
	Feeder	RBY	157	2023-10-28T05:03:32	2023-10-28T07:35:25	2:31:53	Devils_Lake	Bruce_Jody			
	Feeder	RBY	137	2023-10-28T05:04:12	2023-10-28T07:37:15	2:33:03	Devils_Lake	Bruce_Jody			
	Feeder	RBY	137	2023-06-02T18:12:34	2023-06-02T18:12:40	0:00:06	Devils_Lake	Bruce_Jody			
	Feeder	RBY	137	2023-08-16T09:27:33	2023-08-16T10:02:06	0:34:33	Devils_Lake	Bruce_Jody			
	Feeder	RBY	137	2023-06-04T15:00:58	2023-06-04T15:01:02	0:00:04	Devils_Lake	Bruce_Jody			
	Substation	RBY	7	2023-06-24T17:39:24	2023-06-24T17:44:25	0:05:01	Devils_Lake	Bruce_Jody			
	Substation	RBY	7	2023-08-09T15:49:28	2023-08-09T15:49:47	0:00:19	Devils_Lake	Bruce_Jody			
	Substation	RBY	7	2023-06-05T15:14:37	2023-06-05T15:38:44	0:24:07	Devils_Lake	Bruce_Jody			
	Substation	RBY	7	2023-06-08T18:40:23	2023-06-08T18:40:43	0:00:20	Devils_Lake	Bruce_Jody			
	Substation	RBY	7	2023-07-04T19:05:58	2023-07-04T19:06:18	0:00:20	Devils_Lake	Bruce_Jody			
	Substation	BY	43	2023-08-21T10:09:56	2023-08-21T17:40:34	7:30:38	Rugby	Klein_Travis			
	Substation	B	25	2023-01-27T01:14:03	2023-01-27T03:38:45	2:24:42	Rugby	Klein_Travis			
	Substation	B	25	2023-01-27T03:39:30	2023-01-27T05:08:53	1:29:23	Rugby	Klein_Travis			
	Substation	BY	43	2023-08-08T23:08:44	2023-08-08T23:08:53	0:00:09	Rugby	Klein_Travis			
	Substation	BY	43	2023-10-18T14:36:12	2023-10-18T14:36:20	0:00:08	Rugby	Klein_Travis			

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service						Cause	Notes
				Outage Start	Outage End	Duration	Center	Region			
	Substation	BY	43	2023-11-11T09:03:58	2023-11-11T09:04:06	0:00:08	Rugby	Klein_Travis			
	Substation	BY	43	2023-08-23T20:34:58	2023-08-23T20:35:04	0:00:06	Rugby	Klein_Travis			
	Substation	BY	43	2023-09-08T09:25:34	2023-09-08T09:25:40	0:00:06	Rugby	Klein_Travis			
	Substation	BR	17	2023-06-28T15:18:48	2023-06-28T15:19:00	0:00:12	Rugby	Dillow_James			
	Substation	BR	17	2023-09-05T15:23:09	2023-09-05T15:23:16	0:00:07	Rugby	Dillow_James			
	Substation	RBY	29	2023-07-11T23:50:58	2023-07-11T23:51:10	0:00:12	Jamestown	Baker_Grant			
	Substation	RBY	29	2023-12-28T10:53:41	2023-12-28T13:47:00	2:53:19	Jamestown	Baker_Grant			
	Substation	RBY	29	2023-12-26T02:22:19	2023-12-26T02:22:29	0:00:10	Jamestown	Baker_Grant			
	Substation	RBY	29	2023-12-27T14:44:51	2023-12-27T15:02:37	0:17:46	Jamestown	Baker_Grant			
	Substation	RBY	29	2023-12-28T10:33:53	2023-12-28T10:36:19	0:02:26	Jamestown	Baker_Grant			
	Substation	RBY	29	2023-06-18T07:40:44	2023-06-18T07:40:51	0:00:07	Jamestown	Baker_Grant			
	Substation	RBY	29	2023-12-27T15:05:07	2023-12-27T18:33:38	3:28:31	Jamestown	Baker_Grant			
	Substation	RBY	29	2023-12-28T04:18:48	2023-12-28T04:19:27	0:00:39	Jamestown	Baker_Grant			
	Substation	RBY	29	2023-09-25T20:15:42	2023-09-25T20:15:53	0:00:11	Jamestown	Baker_Grant			
	Substation	RBY	29	2023-12-25T21:58:02	2023-12-25T21:58:09	0:00:07	Jamestown	Baker_Grant			
	Substation	RBY	29	2023-12-26T12:16:11	2023-12-26T14:50:45	2:34:34	Jamestown	Baker_Grant			
	Substation	RBY	29	2023-12-26T18:07:59	2023-12-26T19:17:33	1:09:34	Jamestown	Baker_Grant			
	Substation	R	12	2023-06-02T18:10:27	2023-06-02T19:19:43	1:09:16	Rugby	Rugby			
	Substation	R	12	2023-03-15T14:33:34	2023-03-15T15:18:58	0:45:24	Rugby	Rugby			
	Substation	R	12	2023-07-13T08:58:11	2023-07-13T09:29:10	0:30:59	Rugby	Rugby			
	Substation	R	12	2023-07-31T20:04:01	2023-07-31T20:04:09	0:00:08	Rugby	Rugby			
	Substation	RY	103	2023-09-21T12:28:47	2023-09-21T12:28:55	0:00:08	Devils_Lake	Foss_Jerry			
	Substation	RY	103	2023-06-24T14:47:49	2023-06-24T14:47:56	0:00:07	Devils_Lake	Foss_Jerry			
	Substation	BR	166	2023-09-05T04:16:13	2023-09-05T04:16:25	0:00:12	Devils_Lake	Foss_Jerry			
	Substation	BR	166	2023-05-23T18:28:32	2023-05-23T18:28:44	0:00:12	Devils_Lake	Foss_Jerry			
	Substation	BR	166	2023-07-08T16:31:02	2023-07-08T16:35:03	0:04:01	Devils_Lake	Foss_Jerry			
	Substation	BR	166	2023-04-19T07:30:28	2023-04-19T07:31:01	0:00:33	Devils_Lake	Foss_Jerry			
	Substation	RBY	166	2023-05-23T18:11:10	2023-05-23T18:11:19	0:00:09	Devils_Lake	Foss_Jerry			
	Substation	BR	166	2023-04-12T08:28:16	2023-04-12T08:28:27	0:00:11	Devils_Lake	Foss_Jerry			
	Substation	BR	166	2023-08-01T16:33:22	2023-08-01T16:33:31	0:00:09	Devils_Lake	Foss_Jerry			
	Substation	BR	165	2023-10-13T05:58:28	2023-10-13T06:05:33	0:07:05	Devils_Lake	Foss_Jerry			
	FeederSection	R	1	2023-08-26T07:22:51	2023-08-26T07:22:57	0:00:06	Devils_Lake	Bruce_Jody			
	FeederSection	R	1	2023-09-11T12:22:29	2023-09-11T12:23:31	0:01:02	Devils_Lake	Bruce_Jody			
	Substation	RBY	49	2023-09-21T05:56:51	2023-09-21T05:56:56	0:00:05	Jamestown	Hoggarth_Tyler			
	Substation	RBY	49	2023-12-26T18:07:51	2023-12-26T19:07:24	0:59:33	Jamestown	Hoggarth_Tyler			
	Substation	RBY	49	2023-12-27T00:28:19	2023-12-27T00:31:56	0:03:37	Jamestown	Hoggarth_Tyler			
	Substation	RBY	49	2023-12-28T14:26:54	2023-12-28T14:26:58	0:00:04	Jamestown	Hoggarth_Tyler			
	Substation	RBY	49	2023-01-04T03:11:15	2023-01-04T03:11:19	0:00:04	Jamestown	Hoggarth_Tyler	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.	
	Substation	RBY	49	2023-01-04T03:18:59	2023-01-04T03:19:05	0:00:06	Jamestown	Hoggarth_Tyler	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.	
	Substation	RBY	49	2023-01-04T11:36:24	2023-01-04T12:18:51	0:42:27	Jamestown	Hoggarth_Tyler	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.	
	Substation	RBY	49	2023-05-31T18:37:02	2023-06-01T00:50:43	6:13:41	Jamestown	Hoggarth_Tyler			
	Substation	RBY	49	2023-09-22T13:48:11	2023-09-22T13:48:16	0:00:05	Jamestown	Hoggarth_Tyler			
	Substation	RBY	49	2023-12-20T09:02:44	2023-12-20T09:02:50	0:00:06	Jamestown	Hoggarth_Tyler			
	Substation	RBY	49	2023-05-10T19:58:09	2023-05-10T19:58:16	0:00:07	Jamestown	Hoggarth_Tyler			
	Substation	RBY	49	2023-07-02T05:44:05	2023-07-02T05:44:11	0:00:06	Jamestown	Hoggarth_Tyler			
	Substation	RBY	49	2023-09-21T04:21:37	2023-09-21T04:21:41	0:00:04	Jamestown	Hoggarth_Tyler			
	Substation	RBY	49	2023-09-21T17:20:18	2023-09-21T17:20:22	0:00:04	Jamestown	Hoggarth_Tyler			
	Substation	RBY	49	2023-09-23T11:17:24	2023-09-23T11:17:27	0:00:03	Jamestown	Hoggarth_Tyler			
	Substation	RBY	49	2023-06-07T17:35:20	2023-06-07T18:18:21	0:43:01	Jamestown	Hoggarth_Tyler			
	Substation	RBY	49	2023-06-18T00:07:41	2023-06-18T00:08:41	0:01:00	Jamestown	Hoggarth_Tyler			
	Substation	RBY	49	2023-09-21T02:35:28	2023-09-21T02:35:33	0:00:05	Jamestown	Hoggarth_Tyler			

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service						Cause	Notes
				Outage Start	Outage End	Duration	Center	Region			
	Substation	RBY	49	2023-12-27T14:35:01	2023-12-27T19:08:34	4:33:33	Jamestown	Hoggarth_Tyler			
	Substation	RBY	49	2023-07-30T23:04:15	2023-07-30T23:04:22	0:00:07	Jamestown	Hoggarth_Tyler			
	Substation	RBY	49	2023-12-28T04:14:44	2023-12-28T04:15:19	0:00:35	Jamestown	Hoggarth_Tyler			
	Substation	RBY	49	2023-01-04T03:53:30	2023-01-04T05:13:49	1:20:19	Jamestown	Hoggarth_Tyler	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.	
	Substation	RBY	49	2023-06-09T00:54:52	2023-06-09T00:55:01	0:00:09	Jamestown	Hoggarth_Tyler			
	Substation	RBY	49	2023-07-02T05:36:33	2023-07-02T05:36:40	0:00:07	Jamestown	Hoggarth_Tyler			
	Substation	RBY	49	2023-07-02T05:39:31	2023-07-02T05:39:38	0:00:07	Jamestown	Hoggarth_Tyler			
	Substation	RBY	49	2023-12-27T19:11:04	2023-12-27T20:10:06	0:59:02	Jamestown	Hoggarth_Tyler			
	Substation	RBY	423	2023-06-03T09:20:42	2023-06-03T09:20:55	0:00:13	Rugby	Derr_John			
	Feeder	RBY	404	2023-04-29T07:41:28	2023-04-29T07:42:29	0:01:01	Rugby	Derr_John			
	Feeder	RBY	371	2023-01-17T06:47:13	2023-01-17T06:47:20	0:00:07	Rugby	Derr_John	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	RBY	139	2023-12-27T14:35:12	2023-12-27T20:16:27	5:41:15	Rugby	Rath_Todd			
	Substation	RBY	139	2023-08-08T23:02:35	2023-08-09T01:57:38	2:55:03	Rugby	Rath_Todd			
	Substation	RBY	139	2023-12-26T18:08:02	2023-12-26T19:07:35	0:59:33	Rugby	Rath_Todd			
	Substation	RBY	139	2023-01-04T03:53:28	2023-01-04T04:37:58	0:44:30	Rugby	Rath_Todd	Weather	Heavy frost causing phases to slap together	
	Substation	RBY	139	2023-09-08T07:59:51	2023-09-08T08:37:43	0:37:52	Rugby	Rath_Todd			
	Substation	RBY	139	2023-09-05T08:40:37	2023-09-05T09:09:52	0:29:15	Rugby	Rath_Todd			
	Substation	RBY	139	2023-06-07T17:35:15	2023-06-07T18:01:35	0:26:20	Rugby	Rath_Todd			
	Substation	RBY	139	2023-12-27T00:28:31	2023-12-27T00:32:08	0:03:37	Rugby	Rath_Todd			
	Substation	RBY	139	2023-08-29T15:07:04	2023-08-29T15:08:10	0:01:06	Rugby	Rath_Todd			
	Substation	RBY	139	2023-09-23T11:17:15	2023-09-23T11:18:21	0:01:06	Rugby	Rath_Todd			
	Substation	RBY	139	2023-09-21T17:20:09	2023-09-21T17:21:14	0:01:05	Rugby	Rath_Todd			
	Substation	RBY	139	2023-09-21T02:35:21	2023-09-21T02:36:24	0:01:03	Rugby	Rath_Todd			
	Substation	RBY	139	2023-09-22T13:48:04	2023-09-22T13:49:07	0:01:03	Rugby	Rath_Todd			
	Substation	RBY	139	2023-09-08T14:01:32	2023-09-08T14:02:02	0:00:30	Rugby	Rath_Todd			
	Substation	RBY	139	2023-09-12T11:21:10	2023-09-12T11:21:35	0:00:25	Rugby	Rath_Todd			
	Substation	RBY	139	2023-07-30T23:04:10	2023-07-30T23:04:19	0:00:09	Rugby	Rath_Todd			
	Substation	RBY	139	2023-07-18T20:29:51	2023-07-18T20:29:59	0:00:08	Rugby	Rath_Todd			
	Substation	RBY	139	2023-09-05T08:39:14	2023-09-05T08:39:22	0:00:08	Rugby	Rath_Todd			
	Substation	RBY	139	2023-09-04T21:59:56	2023-09-04T22:00:04	0:00:08	Rugby	Rath_Todd			
	Substation	RBY	139	2023-01-04T03:18:56	2023-01-04T03:19:03	0:00:07	Rugby	Rath_Todd	Weather	Heavy frost causing phases to slap together	
	Substation	RBY	139	2023-10-16T11:29:36	2023-10-16T11:29:43	0:00:07	Rugby	Rath_Todd			
	Substation	RBY	139	2023-12-20T09:02:55	2023-12-20T09:03:02	0:00:07	Rugby	Rath_Todd			
	Substation	RBY	139	2023-07-02T05:04:41	2023-07-02T05:04:48	0:00:07	Rugby	Rath_Todd			
	Substation	RBY	139	2023-07-02T05:36:30	2023-07-02T05:36:37	0:00:07	Rugby	Rath_Todd			
	Substation	RBY	139	2023-05-10T19:58:10	2023-05-10T19:58:17	0:00:07	Rugby	Rath_Todd			
	Substation	RBY	139	2023-07-02T04:50:08	2023-07-02T04:50:15	0:00:07	Rugby	Rath_Todd			
	Substation	RBY	139	2023-09-21T05:56:41	2023-09-21T05:56:48	0:00:07	Rugby	Rath_Todd			
	Substation	RBY	139	2023-06-18T00:07:34	2023-06-18T00:07:41	0:00:07	Rugby	Rath_Todd			
	Substation	RBY	139	2023-09-01T17:40:33	2023-09-01T17:40:40	0:00:07	Rugby	Rath_Todd			
	Substation	RBY	139	2023-06-12T11:59:27	2023-06-12T11:59:33	0:00:06	Rugby	Rath_Todd			
	Substation	RBY	139	2023-07-02T05:39:28	2023-07-02T05:39:34	0:00:06	Rugby	Rath_Todd			
	Substation	RBY	139	2023-08-29T17:29:47	2023-08-29T17:29:53	0:00:06	Rugby	Rath_Todd			
	Substation	RBY	139	2023-06-09T00:54:51	2023-06-09T00:54:57	0:00:06	Rugby	Rath_Todd			
	Substation	RBY	139	2023-10-18T18:11:52	2023-10-18T18:11:58	0:00:06	Rugby	Rath_Todd			
	Substation	RBY	139	2023-07-02T05:44:01	2023-07-02T05:44:07	0:00:06	Rugby	Rath_Todd			
	Substation	RBY	139	2023-01-04T03:11:12	2023-01-04T03:11:17	0:00:05	Rugby	Rath_Todd	Weather	Heavy frost causing phases to slap together	
	Substation	RBY	139	2023-09-21T04:21:29	2023-09-21T04:21:33	0:00:04	Rugby	Rath_Todd			
	Substation	RY	17	2023-08-31T03:10:16	2023-08-31T03:11:19	0:01:03	Devils_Lake	Chase_Scott			
	Substation	RY	17	2023-04-28T01:05:49	2023-04-28T02:15:00	1:09:11	Devils_Lake	Chase_Scott			
	Substation	RY	17	2023-08-31T03:15:20	2023-08-31T03:15:32	0:00:12	Devils_Lake	Chase_Scott			
	Substation	RY	17	2023-06-28T18:00:14	2023-06-28T18:00:23	0:00:09	Devils_Lake	Chase_Scott			

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service						Cause	Notes
				Outage Start	Outage End	Duration	Center	Region			
	Substation	RBY	17	2023-08-31T03:15:26	2023-08-31T03:15:32	0:00:06	Devils_Lake	Chase_Scott			
	Substation	RBY	17	2023-04-28T01:05:47	2023-04-28T02:14:45	1:08:58	Devils_Lake	Chase_Scott			
	Substation	RBY	17	2023-06-28T18:00:20	2023-06-28T18:00:24	0:00:04	Devils_Lake	Chase_Scott			
	Substation	RBY	17	2023-08-31T03:10:18	2023-08-31T03:10:25	0:00:07	Devils_Lake	Chase_Scott			
	Substation	RBY	17	2023-11-21T10:44:33	2023-11-21T12:23:26	1:38:53	Devils_Lake	Chase_Scott			
	Substation	RBY	178	2023-09-11T23:37:56	2023-09-11T23:38:02	0:00:06	Jamestown	Erickson_Joe			
	Substation	RBY	178	2023-12-26T15:38:52	2023-12-26T15:51:28	0:12:36	Jamestown	Erickson_Joe			
	Substation	RBY	178	2023-05-10T02:27:34	2023-05-10T02:27:43	0:00:09	Jamestown	Erickson_Joe			
	Substation	RBY	178	2023-12-26T07:50:41	2023-12-26T07:50:46	0:00:05	Jamestown	Erickson_Joe			
	Substation	RBY	178	2023-12-27T14:27:38	2023-12-27T14:28:03	0:00:25	Jamestown	Erickson_Joe			
	Substation	RBY	178	2023-12-27T15:18:38	2023-12-27T15:19:05	0:00:27	Jamestown	Erickson_Joe			
	Substation	RBY	178	2023-12-26T21:55:34	2023-12-26T21:55:42	0:00:08	Jamestown	Erickson_Joe			
	Substation	RBY	130	2023-08-21T04:00:06	2023-08-21T04:18:20	0:18:14	Devils_Lake	Ramberg_Jason			
	Substation	RBY	130	2023-01-05T09:37:12	2023-01-05T09:37:20	0:00:08	Devils_Lake	Ramberg_Jason	Weather	Heavy frost causing phases to slap together	
	Substation	RBY	130	2023-08-20T15:13:51	2023-08-20T15:13:56	0:00:05	Devils_Lake	Ramberg_Jason			
	Substation	RBY	130	2023-08-24T14:07:12	2023-08-24T14:07:19	0:00:07	Devils_Lake	Ramberg_Jason			
	Substation	RBY	130	2023-12-24T05:30:45	2023-12-24T07:36:22	2:05:37	Devils_Lake	Ramberg_Jason			
	Substation	RBY	130	2023-07-19T03:13:51	2023-07-19T03:13:57	0:00:06	Devils_Lake	Ramberg_Jason			
	Substation	RBY	130	2023-12-24T05:14:25	2023-12-24T05:29:16	0:14:51	Devils_Lake	Ramberg_Jason			
	Substation	RBY	130	2023-08-21T02:38:41	2023-08-21T03:59:20	1:20:39	Devils_Lake	Ramberg_Jason			
	Substation	RBY	130	2023-10-19T11:10:56	2023-10-19T11:11:02	0:00:06	Devils_Lake	Ramberg_Jason			
	Substation	RBY	130	2023-06-20T17:47:35	2023-06-20T17:47:41	0:00:06	Devils_Lake	Ramberg_Jason			
	Substation	Y	1	2023-10-02T12:24:26	2023-10-02T12:24:34	0:00:08	Rugby	Derr_John			
	Substation	Y	1	2023-07-20T07:12:56	2023-07-20T07:13:04	0:00:08	Rugby	Derr_John			
	Substation	Y	1	2023-06-20T21:30:34	2023-06-20T21:30:41	0:00:07	Rugby	Derr_John			
	Substation	Y	1	2023-08-31T02:06:26	2023-08-31T02:06:33	0:00:07	Rugby	Derr_John			
	Substation	Y	1	2023-06-28T16:29:28	2023-06-28T16:29:34	0:00:06	Rugby	Derr_John			
	Substation	Y	1	2023-11-05T09:18:30	2023-11-05T09:18:34	0:00:04	Rugby	Derr_John			
	Feeder	RBY	54	2023-05-10T19:58:11	2023-05-10T19:58:17	0:00:06	Jamestown	Hoggarth_Tyler			
	Feeder	RBY	54	2023-07-02T05:44:01	2023-07-02T05:44:07	0:00:06	Jamestown	Hoggarth_Tyler			
	Feeder	RBY	54	2023-07-30T23:04:10	2023-07-30T23:04:18	0:00:08	Jamestown	Hoggarth_Tyler			
	Feeder	RBY	54	2023-12-20T09:02:40	2023-12-20T09:02:46	0:00:06	Jamestown	Hoggarth_Tyler			
	Feeder	RBY	54	2023-12-26T18:07:47	2023-12-26T19:07:20	0:59:33	Jamestown	Hoggarth_Tyler			
	Feeder	RBY	54	2023-01-04T03:11:17	2023-01-04T03:11:22	0:00:05	Jamestown	Hoggarth_Tyler	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.	
	Feeder	RBY	54	2023-07-02T05:36:30	2023-07-02T05:36:36	0:00:06	Jamestown	Hoggarth_Tyler			
	Feeder	RBY	54	2023-09-21T05:56:47	2023-09-21T05:56:53	0:00:06	Jamestown	Hoggarth_Tyler			
	Feeder	RBY	54	2023-09-22T13:48:09	2023-09-22T13:48:13	0:00:04	Jamestown	Hoggarth_Tyler			
	Feeder	RBY	54	2023-01-04T03:19:02	2023-01-04T03:19:08	0:00:06	Jamestown	Hoggarth_Tyler	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.	
	Feeder	RBY	54	2023-07-02T05:39:27	2023-07-02T05:39:34	0:00:07	Jamestown	Hoggarth_Tyler			
	Feeder	RBY	54	2023-09-21T17:20:14	2023-09-21T17:21:15	0:01:01	Jamestown	Hoggarth_Tyler			
	Feeder	RBY	54	2023-12-27T00:28:15	2023-12-27T00:31:52	0:03:37	Jamestown	Hoggarth_Tyler			
	Feeder	RBY	54	2023-09-21T02:35:25	2023-09-21T02:35:29	0:00:04	Jamestown	Hoggarth_Tyler			
	Feeder	RBY	54	2023-12-27T14:34:56	2023-12-27T19:22:36	4:47:40	Jamestown	Hoggarth_Tyler			
	Feeder	RBY	54	2023-01-04T03:53:33	2023-01-04T04:33:28	0:39:55	Jamestown	Hoggarth_Tyler	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.	
	Feeder	RBY	54	2023-06-07T17:35:16	2023-06-07T18:12:50	0:37:34	Jamestown	Hoggarth_Tyler			
	Feeder	RBY	54	2023-06-09T00:54:50	2023-06-09T00:54:57	0:00:07	Jamestown	Hoggarth_Tyler			
	Feeder	RBY	54	2023-09-21T04:21:33	2023-09-21T04:21:37	0:00:04	Jamestown	Hoggarth_Tyler			
	Feeder	RBY	54	2023-09-23T11:17:20	2023-09-23T11:18:21	0:01:01	Jamestown	Hoggarth_Tyler			
	Feeder	RBY	54	2023-06-18T00:07:37	2023-06-18T00:08:40	0:01:03	Jamestown	Hoggarth_Tyler			
	Feeder	RBY	54	2023-07-02T04:50:06	2023-07-02T04:50:13	0:00:07	Jamestown	Hoggarth_Tyler			
	Substation	BRY	455	2023-07-02T05:36:31	2023-07-02T05:36:52	0:00:21	Jamestown	Hoggarth_Tyler			

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service						
				Outage Start	Outage End	Duration	Center	Region	Cause	Notes
	Substation	BRY	455	2023-12-26T18:07:50	2023-12-26T19:07:36	0:59:46	Jamestown	Hoggarth_Tyler		
	Substation	BRY	455	2023-12-27T14:34:58	2023-12-27T19:08:46	4:33:48	Jamestown	Hoggarth_Tyler		
	Substation	BRY	455	2023-12-28T04:14:42	2023-12-28T04:15:29	0:00:47	Jamestown	Hoggarth_Tyler		
	Substation	BRY	455	2023-01-04T03:11:08	2023-01-04T03:11:34	0:00:26	Jamestown	Hoggarth_Tyler	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.
	Substation	BRY	455	2023-01-04T11:36:21	2023-01-04T12:19:07	0:42:46	Jamestown	Hoggarth_Tyler	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.
	Substation	BRY	455	2023-06-18T00:07:36	2023-06-18T00:07:57	0:00:21	Jamestown	Hoggarth_Tyler		
	Substation	BRY	455	2023-05-10T19:57:54	2023-05-10T19:58:13	0:00:19	Jamestown	Hoggarth_Tyler		
	Substation	BRY	455	2023-06-09T00:54:52	2023-06-09T00:55:13	0:00:21	Jamestown	Hoggarth_Tyler		
	Substation	BRY	455	2023-07-02T05:44:03	2023-07-02T05:44:23	0:00:20	Jamestown	Hoggarth_Tyler		
	Substation	BRY	455	2023-09-21T05:56:49	2023-09-21T05:57:09	0:00:20	Jamestown	Hoggarth_Tyler		
	Substation	BRY	455	2023-09-23T11:17:22	2023-09-23T11:17:40	0:00:18	Jamestown	Hoggarth_Tyler		
	Substation	BRY	455	2023-07-30T23:04:13	2023-07-30T23:04:35	0:00:22	Jamestown	Hoggarth_Tyler		
	Substation	BRY	455	2023-09-21T17:20:17	2023-09-21T17:20:34	0:00:17	Jamestown	Hoggarth_Tyler		
	Substation	BRY	455	2023-09-22T13:48:11	2023-09-22T13:48:29	0:00:18	Jamestown	Hoggarth_Tyler		
	Substation	BRY	455	2023-12-27T00:28:18	2023-12-27T00:32:08	0:03:50	Jamestown	Hoggarth_Tyler		
	Substation	BRY	455	2023-12-28T14:26:39	2023-12-28T14:26:56	0:00:17	Jamestown	Hoggarth_Tyler		
	Substation	BRY	455	2023-01-04T03:18:52	2023-01-04T03:19:20	0:00:28	Jamestown	Hoggarth_Tyler	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.
	Substation	BRY	455	2023-01-04T03:53:24	2023-01-04T04:33:40	0:40:16	Jamestown	Hoggarth_Tyler	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.
	Substation	BRY	455	2023-09-21T02:35:28	2023-09-21T02:35:45	0:00:17	Jamestown	Hoggarth_Tyler		
	Substation	BRY	455	2023-09-21T04:21:36	2023-09-21T04:21:53	0:00:17	Jamestown	Hoggarth_Tyler		
	Substation	BRY	455	2023-12-20T09:02:42	2023-12-20T09:03:02	0:00:20	Jamestown	Hoggarth_Tyler		
	Substation	BRY	455	2023-12-27T19:11:03	2023-12-27T20:32:00	1:20:57	Jamestown	Hoggarth_Tyler		
	Substation	BYR	455	2023-06-07T17:35:18	2023-06-07T18:16:55	0:41:37	Jamestown	Hoggarth_Tyler		
	Substation	BRY	455	2023-07-02T05:39:30	2023-07-02T05:39:50	0:00:20	Jamestown	Hoggarth_Tyler		
	Substation	BRY	455	2023-01-04T04:35:41	2023-01-04T05:15:28	0:39:47	Jamestown	Hoggarth_Tyler	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.
	Feeder	BRY	289	2023-12-25T16:29:52	2023-12-25T20:35:24	4:05:32	Wahpeton	Hoye_Jeff		
	Feeder	BRY	289	2023-05-21T12:16:07	2023-05-21T14:21:10	2:05:03	Wahpeton	Hoye_Jeff		
	Feeder	BRY	290	2023-12-26T01:07:45	2023-12-26T03:02:21	1:54:36	Wahpeton	Hoye_Jeff		
	Feeder	BRY	290	2023-03-31T07:30:44	2023-03-31T07:32:15	0:01:31	Wahpeton	Hoye_Jeff		
	Feeder	BRY	290	2023-10-20T13:57:31	2023-10-20T13:58:37	0:01:06	Wahpeton	Hoye_Jeff		
	Feeder	BRY	289	2023-12-26T12:11:01	2023-12-26T12:11:37	0:00:36	Wahpeton	Hoye_Jeff		
	Feeder	BRY	289	2023-05-14T09:38:56	2023-05-14T09:39:18	0:00:22	Wahpeton	Hoye_Jeff		
	Feeder	BRY	290	2023-12-26T12:10:01	2023-12-26T12:10:22	0:00:21	Wahpeton	Hoye_Jeff		
	Feeder	BRY	289	2023-12-26T12:19:12	2023-12-26T12:19:32	0:00:20	Wahpeton	Hoye_Jeff		
	Feeder	RBY	304	2023-12-25T16:30:02	2023-12-25T20:35:01	4:04:59	Wahpeton	Hoye_Jeff		
	Feeder	RBY	304	2023-05-21T12:16:19	2023-05-21T14:21:06	2:04:47	Wahpeton	Hoye_Jeff		
	Feeder	RBY	304	2023-12-26T01:07:56	2023-12-26T03:02:18	1:54:22	Wahpeton	Hoye_Jeff		
	Feeder	RBY	304	2023-03-31T07:30:56	2023-03-31T07:32:12	0:01:16	Wahpeton	Hoye_Jeff		
	Feeder	RBY	304	2023-12-26T12:11:12	2023-12-26T12:11:34	0:00:22	Wahpeton	Hoye_Jeff		
	Feeder	RBY	304	2023-05-14T09:39:07	2023-05-14T09:39:14	0:00:07	Wahpeton	Hoye_Jeff		
	Feeder	RBY	304	2023-08-19T07:11:22	2023-08-19T07:11:29	0:00:07	Wahpeton	Hoye_Jeff		
	Feeder	RBY	304	2023-12-26T12:10:12	2023-12-26T12:10:18	0:00:06	Wahpeton	Hoye_Jeff		
	Feeder	RBY	304	2023-12-26T12:19:23	2023-12-26T12:19:29	0:00:06	Wahpeton	Hoye_Jeff		
	Feeder	RBY	22	2023-12-25T16:30:02	2023-12-25T21:03:08	4:33:06	Wahpeton	Hoye_Jeff		
	Feeder	RBY	22	2023-05-21T12:16:18	2023-05-21T14:21:07	2:04:49	Wahpeton	Hoye_Jeff		
	Feeder	RBY	22	2023-12-26T01:07:56	2023-12-26T03:02:20	1:54:24	Wahpeton	Hoye_Jeff		
	Feeder	RBY	22	2023-03-31T07:30:57	2023-03-31T07:32:13	0:01:16	Wahpeton	Hoye_Jeff		
	Feeder	RBY	22	2023-12-26T12:11:12	2023-12-26T12:11:36	0:00:24	Wahpeton	Hoye_Jeff		
	Feeder	RBY	22	2023-12-26T12:10:12	2023-12-26T12:10:20	0:00:08	Wahpeton	Hoye_Jeff		

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service							Cause	Notes
				Outage Start	Outage End	Duration	Center	Region	Outage Start	Outage End		
	Feeder	RBY	22	2023-12-26T12:19:23	2023-12-26T12:19:31	0:00:08	Wahpeton	Hoye_Jeff				
	Feeder	RBY	22	2023-05-14T09:39:08	2023-05-14T09:39:15	0:00:07	Wahpeton	Hoye_Jeff				
	Substation	RBY	52	2023-01-04T03:53:46	2023-01-04T05:17:27	1:23:41	Jamestown	Price_Chans	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.		
	Substation	RBY	52	2023-09-21T05:57:00	2023-09-21T05:57:06	0:00:06	Jamestown	Price_Chans				
	Substation	RBY	52	2023-12-27T14:35:10	2023-12-27T18:47:13	4:12:03	Jamestown	Price_Chans				
	Substation	RBY	52	2023-06-07T17:35:28	2023-06-07T18:01:48	0:26:20	Jamestown	Price_Chans				
	Substation	RBY	52	2023-06-18T00:07:48	2023-06-18T00:07:54	0:00:06	Jamestown	Price_Chans				
	Substation	RBY	52	2023-07-02T05:04:54	2023-07-02T05:05:01	0:00:07	Jamestown	Price_Chans				
	Substation	RBY	52	2023-07-02T05:44:13	2023-07-02T05:44:20	0:00:07	Jamestown	Price_Chans				
	Substation	RBY	52	2023-07-18T20:30:04	2023-07-18T20:30:11	0:00:07	Jamestown	Price_Chans				
	Substation	RBY	52	2023-12-27T00:28:28	2023-12-27T00:32:06	0:03:38	Jamestown	Price_Chans				
	Substation	RBY	52	2023-07-02T05:39:40	2023-07-02T05:39:46	0:00:06	Jamestown	Price_Chans				
	Substation	RBY	52	2023-08-21T09:09:57	2023-08-21T10:30:26	1:20:29	Jamestown	Price_Chans				
	Substation	RBY	52	2023-09-21T02:35:39	2023-09-21T02:35:43	0:00:04	Jamestown	Price_Chans				
	Substation	RBY	52	2023-09-23T11:17:26	2023-09-23T11:17:37	0:00:11	Jamestown	Price_Chans				
	Substation	RBY	52	2023-06-09T00:54:52	2023-06-09T00:55:10	0:00:18	Jamestown	Price_Chans				
	Substation	RBY	52	2023-12-26T18:08:00	2023-12-26T19:07:33	0:59:33	Jamestown	Price_Chans				
	Substation	RBY	52	2023-04-28T09:51:26	2023-04-28T11:57:09	2:05:43	Jamestown	Price_Chans				
	Substation	RBY	52	2023-07-02T04:50:19	2023-07-02T04:50:27	0:00:08	Jamestown	Price_Chans				
	Substation	RBY	52	2023-07-02T05:36:42	2023-07-02T05:36:49	0:00:07	Jamestown	Price_Chans				
	Substation	RBY	52	2023-07-30T23:04:23	2023-07-30T23:04:31	0:00:08	Jamestown	Price_Chans				
	Substation	RBY	52	2023-01-04T03:19:14	2023-01-04T03:19:21	0:00:07	Jamestown	Price_Chans	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.		
	Substation	RBY	52	2023-08-29T15:07:17	2023-08-29T15:07:22	0:00:05	Jamestown	Price_Chans				
	Substation	RBY	52	2023-09-08T14:01:50	2023-09-08T14:02:20	0:00:30	Jamestown	Price_Chans				
	Substation	RBY	52	2023-01-04T03:11:24	2023-01-04T03:11:35	0:00:11	Jamestown	Price_Chans	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.		
	Substation	RBY	52	2023-05-10T19:58:04	2023-05-10T19:58:10	0:00:06	Jamestown	Price_Chans				
	Substation	RBY	52	2023-09-22T13:48:11	2023-09-22T13:48:26	0:00:15	Jamestown	Price_Chans				
	Substation	RBY	52	2023-09-01T17:40:47	2023-09-01T17:40:54	0:00:07	Jamestown	Price_Chans				
	Substation	RBY	52	2023-09-21T04:21:46	2023-09-21T04:21:51	0:00:05	Jamestown	Price_Chans				
	Substation	RBY	52	2023-09-21T17:20:19	2023-09-21T17:20:31	0:00:12	Jamestown	Price_Chans				
	Substation	RBY	52	2023-12-20T09:02:53	2023-12-20T09:03:00	0:00:07	Jamestown	Price_Chans				
	Substation	R	3	2023-08-29T15:07:17	2023-08-29T15:07:23	0:00:06	Jamestown	Price_Chans				
	Substation	R	3	2023-04-24T06:09:53	2023-04-24T06:10:00	0:00:07	Jamestown	Price_Chans				
	Substation	R	3	2023-05-08T14:45:40	2023-05-08T14:45:48	0:00:08	Jamestown	Price_Chans				
	Substation	R	3	2023-06-07T17:35:30	2023-06-07T18:01:50	0:26:20	Jamestown	Price_Chans				
	Substation	R	3	2023-07-18T20:30:03	2023-07-18T20:30:14	0:00:11	Jamestown	Price_Chans				
	Substation	R	3	2023-05-08T14:57:19	2023-05-08T14:57:26	0:00:07	Jamestown	Price_Chans				
	Substation	R	3	2023-07-02T05:04:55	2023-07-02T05:05:03	0:00:08	Jamestown	Price_Chans				
	Substation	R	3	2023-07-17T09:21:18	2023-07-17T10:55:55	1:34:37	Jamestown	Price_Chans				
	Substation	R	3	2023-09-21T04:21:47	2023-09-21T04:21:52	0:00:05	Jamestown	Price_Chans				
	Substation	R	3	2023-09-21T05:57:01	2023-09-21T05:57:07	0:00:06	Jamestown	Price_Chans				
	Substation	R	3	2023-09-23T11:17:26	2023-09-23T11:17:39	0:00:13	Jamestown	Price_Chans				
	Substation	R	3	2023-07-02T05:36:44	2023-07-02T05:36:51	0:00:07	Jamestown	Price_Chans				
	Substation	R	3	2023-09-08T14:01:51	2023-09-08T14:02:21	0:00:30	Jamestown	Price_Chans				
	Substation	R	3	2023-12-27T14:35:11	2023-12-27T18:47:15	4:12:04	Jamestown	Price_Chans				
	Substation	R	3	2023-05-08T14:58:45	2023-05-08T14:58:52	0:00:07	Jamestown	Price_Chans				
	Substation	R	3	2023-05-08T15:01:52	2023-05-08T15:01:59	0:00:07	Jamestown	Price_Chans				
	Substation	R	3	2023-06-09T00:54:52	2023-06-09T00:55:12	0:00:20	Jamestown	Price_Chans				
	Substation	R	3	2023-06-18T00:07:48	2023-06-18T00:07:56	0:00:08	Jamestown	Price_Chans				
	Substation	R	3	2023-07-30T23:04:25	2023-07-30T23:04:33	0:00:08	Jamestown	Price_Chans				
	Substation	R	3	2023-09-21T02:35:38	2023-09-21T02:35:44	0:00:06	Jamestown	Price_Chans				

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service						Cause	Notes
				Outage Start	Outage End	Duration	Center	Region			
	Substation	R	3	2023-01-04T03:18:53	2023-01-04T03:19:00	0:00:07	Jamestown	Price_Chans		Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.
	Substation	R	3	2023-01-04T05:53:26	2023-01-04T05:17:06	1:23:40	Jamestown	Price_Chans		Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.
	Substation	R	3	2023-05-09T08:58:03	2023-05-09T08:58:16	0:00:13	Jamestown	Price_Chans			
	Substation	R	3	2023-07-02T05:39:42	2023-07-02T05:39:48	0:00:06	Jamestown	Price_Chans			
	Substation	R	3	2023-09-01T17:40:48	2023-09-01T17:40:56	0:00:08	Jamestown	Price_Chans			
	Substation	R	3	2023-05-10T19:57:54	2023-05-10T19:58:12	0:00:18	Jamestown	Price_Chans			
	Substation	R	3	2023-07-02T04:50:21	2023-07-02T04:50:29	0:00:08	Jamestown	Price_Chans			
	Substation	R	3	2023-07-02T05:44:15	2023-07-02T05:44:22	0:00:07	Jamestown	Price_Chans			
	Substation	R	3	2023-09-21T17:20:19	2023-09-21T17:20:33	0:00:14	Jamestown	Price_Chans			
	Substation	R	3	2023-12-20T09:02:54	2023-12-20T09:03:01	0:00:07	Jamestown	Price_Chans			
	Substation	R	3	2023-12-26T18:07:53	2023-12-26T19:07:35	0:59:42	Jamestown	Price_Chans			
	Substation	R	3	2023-01-04T03:11:09	2023-01-04T03:11:14	0:00:05	Jamestown	Price_Chans		Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.
	Substation	R	3	2023-09-22T13:48:11	2023-09-22T13:48:28	0:00:17	Jamestown	Price_Chans			
	Substation	R	3	2023-12-27T00:28:30	2023-12-27T00:32:07	0:03:37	Jamestown	Price_Chans			
	Substation	Y	8	2023-04-19T03:11:07	2023-04-19T05:21:11	2:10:04	Wahpeton	Hovel_Loren			
	Substation	Y	8	2023-07-26T21:48:28	2023-07-26T23:13:15	1:24:47	Wahpeton	Hovel_Loren			
	Substation	Y	8	2023-07-26T21:45:18	2023-07-26T21:45:45	0:00:27	Wahpeton	Hovel_Loren			
	Substation	Y	8	2023-07-15T04:26:28	2023-07-15T04:26:45	0:00:17	Wahpeton	Hovel_Loren			
	Substation	Y	8	2023-06-24T03:46:33	2023-06-24T03:46:45	0:00:12	Wahpeton	Hovel_Loren			
	Substation	Y	8	2023-04-13T21:51:50	2023-04-13T21:52:01	0:00:11	Wahpeton	Hovel_Loren			
	Substation	Y	8	2023-07-26T21:47:29	2023-07-26T21:47:40	0:00:11	Wahpeton	Hovel_Loren			
	Substation	Y	8	2023-07-10T22:18:54	2023-07-10T22:19:04	0:00:10	Wahpeton	Hovel_Loren			
	Substation	BR	118	2023-12-25T21:51:52	2023-12-26T02:10:43	4:18:51	Wahpeton	Ogren_Dwight			
	Substation	BR	80	2023-03-31T07:00:27	2023-03-31T08:09:55	1:09:28	Wahpeton	Ogren_Dwight			
	Substation	B	41	2023-12-10T03:54:10	2023-12-10T04:23:40	0:29:30	Wahpeton	Ogren_Dwight			
	Substation	BR	80	2023-09-29T08:11:05	2023-09-29T08:11:33	0:00:28	Wahpeton	Ogren_Dwight			
	Substation	BR	80	2023-08-18T07:38:14	2023-08-18T07:38:41	0:00:27	Wahpeton	Ogren_Dwight			
	Substation	BR	80	2023-05-29T22:05:50	2023-05-29T22:06:02	0:00:12	Wahpeton	Ogren_Dwight			
	Substation	BR	80	2023-09-29T08:01:36	2023-09-29T08:01:47	0:00:11	Wahpeton	Ogren_Dwight			
	Substation	BR	80	2023-08-10T18:44:59	2023-08-10T18:45:10	0:00:11	Wahpeton	Ogren_Dwight			
	Substation	BR	80	2023-05-29T23:48:39	2023-05-29T23:48:50	0:00:11	Wahpeton	Ogren_Dwight			
	Substation	BR	79	2023-05-29T23:07:55	2023-05-29T23:08:05	0:00:10	Wahpeton	Ogren_Dwight			
	Substation	R	42	2023-12-25T18:18:16	2023-12-25T18:18:26	0:00:10	Wahpeton	Ogren_Dwight			
	Substation	Y	6	2023-08-31T03:10:12	2023-08-31T03:10:20	0:00:08	Devils_Lake	Devils_Lake			
	Substation	Y	6	2023-06-28T18:00:14	2023-06-28T18:00:18	0:00:04	Devils_Lake	Devils_Lake			
	Substation	Y	6	2023-04-28T01:06:00	2023-04-28T02:15:01	1:09:01	Devils_Lake	Devils_Lake			
	Substation	Y	6	2023-08-31T03:15:21	2023-08-31T03:15:27	0:00:06	Devils_Lake	Devils_Lake			
	Substation	RBY	94	2023-06-07T17:35:49	2023-06-07T18:48:28	1:12:39	Jamestown	Bruner_Brent			
	Substation	RBY	94	2023-05-10T00:12:50	2023-05-10T00:12:53	0:00:03	Jamestown	Bruner_Brent			
	Substation	RBY	94	2023-07-21T22:18:23	2023-07-21T22:18:33	0:00:10	Jamestown	Bruner_Brent			
	Substation	RBY	94	2023-06-09T00:56:03	2023-06-09T00:56:42	0:00:39	Jamestown	Bruner_Brent			
	Substation	RBY	94	2023-08-08T19:10:45	2023-08-08T19:12:41	0:01:56	Jamestown	Bruner_Brent			
	Substation	RBY	94	2023-05-23T23:00:41	2023-05-23T23:00:48	0:00:07	Jamestown	Bruner_Brent			
	Substation	RBY	94	2023-12-24T12:04:13	2023-12-24T12:04:19	0:00:06	Jamestown	Bruner_Brent			
	Substation	RBY	94	2023-06-05T02:10:25	2023-06-05T04:07:50	1:57:25	Jamestown	Bruner_Brent			
	Substation	RBY	94	2023-12-05T07:54:08	2023-12-05T10:27:10	2:33:02	Jamestown	Bruner_Brent			
	Substation	RBY	94	2023-01-08T06:22:25	2023-01-08T06:22:51	0:00:26	Jamestown	Bruner_Brent			
	Substation	RBY	94	2023-05-23T22:51:50	2023-05-23T22:51:57	0:00:07	Jamestown	Bruner_Brent			
	Substation	RBY	94	2023-08-07T07:52:11	2023-08-07T07:52:18	0:00:07	Jamestown	Bruner_Brent			
	Substation	RBY	94	2023-12-05T10:30:13	2023-12-05T10:41:03	0:10:50	Jamestown	Bruner_Brent			
	Substation	RBY	94	2023-12-26T06:55:40	2023-12-28T18:17:13	59:21:33	Jamestown	Bruner_Brent			

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service							Cause	Notes
				Outage Start	Outage End	Duration	Center	Region				
	Substation	RBY	94	2023-06-20T05:24:13	2023-06-20T05:24:28	0:00:15	Jamestown	Bruner_Brent				
	Substation	BRY	73	2023-04-26T17:02:05	2023-04-26T17:02:20	0:00:15	Jamestown	Grosgebauer_John				
	Substation	BRY	118	2023-04-25T12:01:20	2023-04-25T13:25:41	1:24:21	Jamestown	Grosgebauer_John				
	Substation	BR	56	2023-10-18T05:05:34	2023-10-18T06:45:39	1:40:05	Rugby	Gravseth_Chad				
	Substation	BR	55	2023-01-23T01:07:44	2023-01-23T02:01:54	0:54:10	Rugby	Gravseth_Chad	Weather	Dense Fog and Heavy Frost on Lines		
	Substation	BR	56	2023-09-07T15:36:01	2023-09-07T16:27:37	0:51:36	Rugby	Gravseth_Chad				
	Substation	B	30	2023-09-04T20:32:44	2023-09-04T20:41:46	0:09:02	Rugby	Gravseth_Chad				
									Equip Fail			
	Substation	BR	56	2023-01-18T15:46:30	2023-01-18T15:49:59	0:03:29	Rugby	Gravseth_Chad	Conductor	Broken conductor		
	Substation	BR	108	2023-01-23T00:56:22	2023-01-23T00:57:33	0:01:11	Rugby	Gravseth_Chad	Weather	Dense Fog and Heavy Frost on Lines		
	Substation	BR	56	2023-01-22T01:02:27	2023-01-22T01:02:51	0:00:24	Rugby	Gravseth_Chad	Weather	Dense Fog and Heavy Frost on Lines		
	Substation	BR	56	2023-01-22T15:42:52	2023-01-22T15:43:15	0:00:23	Rugby	Gravseth_Chad	Weather	Dense Fog and Heavy Frost on Lines		
	Substation	BR	56	2023-01-23T00:52:59	2023-01-23T00:53:21	0:00:22	Rugby	Gravseth_Chad	Weather	Dense Fog and Heavy Frost on Lines		
	Feeder	RBY	31	2023-07-21T16:19:40	2023-07-21T16:19:46	0:00:06	Jamestown	Atkinson_Tom				
	Feeder	RBY	31	2023-12-28T11:44:04	2023-12-28T11:46:45	0:02:41	Jamestown	Atkinson_Tom				
	Feeder	RBY	31	2023-07-02T07:54:55	2023-07-02T07:55:01	0:00:06	Jamestown	Atkinson_Tom				
	Feeder	RBY	31	2023-07-21T16:06:03	2023-07-21T16:06:08	0:00:05	Jamestown	Atkinson_Tom				
	Feeder	RBY	31	2023-12-30T05:22:45	2023-12-30T05:23:54	0:01:09	Jamestown	Atkinson_Tom				
	Feeder	BRY	32	2023-12-26T15:43:05	2023-12-27T11:40:25	19:57:20	Jamestown	Atkinson_Tom				
	Feeder	RBY	31	2023-08-31T08:03:17	2023-08-31T08:03:24	0:00:07	Jamestown	Atkinson_Tom				
	Feeder	RBY	31	2023-08-31T09:00:12	2023-08-31T09:00:19	0:00:07	Jamestown	Atkinson_Tom				
	Feeder	RBY	31	2023-12-26T00:52:19	2023-12-26T14:07:26	13:15:07	Jamestown	Atkinson_Tom				
	Feeder	RBY	31	2023-06-04T10:03:24	2023-06-04T10:03:30	0:00:06	Jamestown	Atkinson_Tom				
	Feeder	RBY	31	2023-12-27T11:50:36	2023-12-27T14:39:50	2:49:14	Jamestown	Atkinson_Tom				
	Feeder	RBY	31	2023-12-30T05:24:46	2023-12-30T06:27:45	1:02:59	Jamestown	Atkinson_Tom				
	Substation	BYR	1145	2023-07-08T16:30:57	2023-07-08T16:35:32	0:04:35	Jamestown	Midstokke_Ryne				
	Substation	BYR	1145	2023-09-05T04:16:12	2023-09-05T04:17:05	0:00:53	Jamestown	Midstokke_Ryne				
	Substation	BYR	1145	2023-04-19T07:30:26	2023-04-19T07:31:28	0:01:02	Jamestown	Midstokke_Ryne				
	Substation	BYR	1145	2023-05-23T18:28:29	2023-05-23T18:29:40	0:01:11	Jamestown	Midstokke_Ryne				
	Substation	BYR	1145	2023-04-12T08:28:09	2023-04-12T08:29:25	0:01:16	Jamestown	Midstokke_Ryne				
	Substation	RBY	1145	2023-05-23T18:11:05	2023-05-23T18:12:10	0:01:05	Jamestown	Midstokke_Ryne				
	Substation	RBY	1145	2023-08-01T16:33:18	2023-08-01T16:34:26	0:01:08	Jamestown	Midstokke_Ryne				
	Feeder	RBY	606	2023-04-19T08:14:16	2023-04-19T08:14:24	0:00:08	Jamestown	Midstokke_Ryne				
	Feeder	RBY	606	2023-04-19T08:31:01	2023-04-19T08:31:08	0:00:07	Jamestown	Midstokke_Ryne				
	Feeder	RBY	606	2023-07-04T12:33:12	2023-07-04T12:33:16	0:00:04	Jamestown	Midstokke_Ryne				
	Feeder	RBY	606	2023-07-19T13:13:42	2023-07-19T13:13:48	0:00:06	Jamestown	Midstokke_Ryne				
	Feeder	RBY	606	2023-04-19T08:32:37	2023-04-19T08:32:43	0:00:06	Jamestown	Midstokke_Ryne				
	Feeder	RBY	606	2023-12-09T00:02:23	2023-12-09T00:02:29	0:00:06	Jamestown	Midstokke_Ryne				
	Feeder	RBY	606	2023-06-23T08:28:52	2023-06-23T08:29:07	0:00:15	Jamestown	Midstokke_Ryne				
	FeederSection	BR	21	2023-07-31T17:06:56	2023-07-31T17:07:03	0:00:07	Wahpeton	Wahpeton				
	Substation	BR	244	2023-01-04T03:11:07	2023-01-04T03:11:34	0:00:27	Jamestown	Bruner_Brent	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.		
	Substation	BR	244	2023-12-28T14:26:39	2023-12-28T14:27:06	0:00:27	Jamestown	Bruner_Brent				
	Substation	BR	250	2023-06-07T17:35:18	2023-06-07T18:44:52	1:09:34	Jamestown	Bruner_Brent				
	Substation	BR	250	2023-09-21T05:56:50	2023-09-21T05:57:07	0:00:17	Jamestown	Bruner_Brent				
	Substation	BR	251	2023-06-09T00:54:52	2023-06-09T00:55:12	0:00:20	Jamestown	Bruner_Brent				
	Substation	BR	251	2023-09-21T04:21:36	2023-09-21T04:21:52	0:00:16	Jamestown	Bruner_Brent				
	Substation	BR	251	2023-12-26T18:07:51	2023-12-26T19:07:35	0:59:44	Jamestown	Bruner_Brent				
	Substation	BR	251	2023-12-27T14:35:00	2023-12-27T19:08:44	4:33:44	Jamestown	Bruner_Brent				
	Substation	BR	244	2023-01-04T11:36:18	2023-01-04T12:18:19	0:42:01	Jamestown	Bruner_Brent	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.		
	Substation	BR	244	2023-06-18T00:07:37	2023-06-18T00:07:55	0:00:18	Jamestown	Bruner_Brent				
	Substation	BR	244	2023-07-02T05:36:32	2023-07-02T05:36:51	0:00:19	Jamestown	Bruner_Brent				
	Substation	BR	245	2023-05-10T19:57:53	2023-05-10T19:58:11	0:00:18	Jamestown	Bruner_Brent				

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service						
				Outage Start	Outage End	Duration	Center	Region	Cause	Notes
	Substation	BR	251	2023-12-27T00:28:18	2023-12-27T00:32:07	0:03:49	Jamestown	Bruner_Brent		
	Substation	BR	244	2023-01-04T03:18:53	2023-01-04T03:19:20	0:00:27	Jamestown	Bruner_Brent	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.
	Substation	BR	244	2023-02-21T16:45:55	2023-02-21T17:39:41	0:53:46	Jamestown	Bruner_Brent		
	Substation	BR	250	2023-07-02T05:39:31	2023-07-02T05:39:48	0:00:17	Jamestown	Bruner_Brent		
	Substation	BR	251	2023-07-30T23:04:14	2023-07-30T23:05:19	0:01:05	Jamestown	Bruner_Brent		
	Substation	BR	251	2023-09-21T17:20:18	2023-09-21T17:20:32	0:00:14	Jamestown	Bruner_Brent		
	Substation	BR	251	2023-12-27T19:11:02	2023-12-27T19:56:32	0:45:30	Jamestown	Bruner_Brent		
	Substation	BR	249	2023-12-28T04:14:43	2023-12-28T04:15:29	0:00:46	Jamestown	Bruner_Brent		
	Substation	BR	250	2023-12-08T08:02:34	2023-12-08T09:52:43	1:50:09	Jamestown	Bruner_Brent		
	Substation	BR	251	2023-07-02T05:44:04	2023-07-02T05:44:22	0:00:18	Jamestown	Bruner_Brent		
	Substation	BR	251	2023-09-21T02:35:28	2023-09-21T02:35:43	0:00:15	Jamestown	Bruner_Brent		
	Substation	BR	251	2023-09-22T13:48:11	2023-09-22T13:48:27	0:00:16	Jamestown	Bruner_Brent		
	Substation	BR	251	2023-09-23T11:17:23	2023-09-23T11:17:38	0:00:15	Jamestown	Bruner_Brent		
	Substation	BR	244	2023-01-04T03:53:25	2023-01-04T05:08:04	1:14:39	Jamestown	Bruner_Brent	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.
	Substation	BR	244	2023-12-20T09:02:45	2023-12-20T09:03:48	0:01:03	Jamestown	Bruner_Brent		
	Feeder	BR	49	2023-03-12T07:17:00	2023-03-12T09:59:59	2:42:59	Jamestown	Bruner_Brent		
	Feeder	BR	49	2023-03-12T11:52:58	2023-03-12T12:19:14	0:26:16	Jamestown	Bruner_Brent		
	Feeder	BR	202	2023-04-19T07:11:18	2023-04-19T08:54:04	1:42:46	Jamestown	Bruner_Brent		
	Feeder	R	120	2023-01-02T10:32:39	2023-01-02T10:32:46	0:00:07	Jamestown	Bruner_Brent	Unknown	Unknown and not investigated. Fog with frost on the lines.
	Feeder	BR	202	2023-08-02T02:28:10	2023-08-02T03:47:09	1:18:59	Jamestown	Bruner_Brent		
	Feeder	B	106	2023-08-10T14:59:09	2023-08-10T16:05:04	1:05:55	Jamestown	Bruner_Brent		
	Feeder	R	120	2023-05-31T23:42:47	2023-05-31T23:42:52	0:00:05	Jamestown	Bruner_Brent		
	Substation	RBY	65	2023-06-25T02:04:25	2023-06-25T02:04:33	0:00:08	Devils_Lake	Eriksson_Lehmann_Gardner		
	Substation	RBY	65	2023-06-28T17:59:20	2023-06-28T17:59:26	0:00:06	Devils_Lake	Eriksson_Lehmann_Gardner		
	Substation	RBY	65	2023-09-23T18:03:53	2023-09-23T18:04:00	0:00:07	Devils_Lake	Eriksson_Lehmann_Gardner		
	Substation	RBY	65	2023-01-22T15:38:41	2023-01-22T15:41:35	0:02:54	Devils_Lake	Eriksson_Lehmann_Gardner	Weather	Dense Fog and Heavy Frost on Lines
	Substation	RBY	65	2023-06-28T17:54:36	2023-06-28T17:54:40	0:00:04	Devils_Lake	Eriksson_Lehmann_Gardner		
	Substation	RBY	65	2023-01-22T15:57:18	2023-01-22T15:59:57	0:02:39	Devils_Lake	Eriksson_Lehmann_Gardner	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BRY	142	2023-12-25T16:29:54	2023-12-25T20:54:22	4:24:28	Wahpeton	Ogren_Dwight		
	Substation	BRY	142	2023-05-21T12:16:08	2023-05-21T14:21:08	2:05:00	Wahpeton	Ogren_Dwight		
	Substation	BRY	142	2023-03-31T07:30:47	2023-03-31T07:32:13	0:01:26	Wahpeton	Ogren_Dwight		
	Substation	Y	22	2023-05-14T09:39:08	2023-05-14T09:39:16	0:00:08	Wahpeton	Ogren_Dwight		
	Substation	BR	120	2023-05-14T09:39:01	2023-05-14T09:39:06	0:00:05	Wahpeton	Ogren_Dwight		
	Substation	RY	66	2023-05-23T18:11:05	2023-05-23T18:11:32	0:00:27	Jamestown	Midstokke_Ryne		
	Substation	RY	66	2023-05-23T18:28:32	2023-05-23T18:28:57	0:00:25	Jamestown	Midstokke_Ryne		
	Substation	RY	66	2023-04-12T08:28:12	2023-04-12T08:28:22	0:00:10	Jamestown	Midstokke_Ryne		
	Substation	RY	66	2023-07-08T16:30:59	2023-07-08T16:34:58	0:03:59	Jamestown	Midstokke_Ryne		
	Substation	RY	66	2023-09-05T04:16:10	2023-09-05T04:16:20	0:00:10	Jamestown	Midstokke_Ryne		
	Substation	RY	65	2023-04-19T07:30:23	2023-04-19T07:30:53	0:00:30	Jamestown	Midstokke_Ryne		
	Substation	RY	66	2023-08-01T16:33:18	2023-08-01T16:33:26	0:00:08	Jamestown	Midstokke_Ryne		
	Substation	RBY	21	2023-04-19T07:30:23	2023-04-19T07:30:54	0:00:31	Jamestown	Midstokke_Ryne		
	Substation	B	10	2023-10-19T09:55:40	2023-10-19T11:08:42	1:13:02	Jamestown	Midstokke_Ryne		
	Substation	RBY	21	2023-04-12T08:28:14	2023-04-12T08:28:20	0:00:06	Jamestown	Midstokke_Ryne		
	Substation	RBY	21	2023-05-23T18:28:30	2023-05-23T18:28:37	0:00:07	Jamestown	Midstokke_Ryne		
	Substation	RBY	21	2023-05-23T18:11:07	2023-05-23T18:11:12	0:00:05	Jamestown	Midstokke_Ryne		
	Substation	RBY	21	2023-07-08T16:31:02	2023-07-08T16:34:56	0:03:54	Jamestown	Midstokke_Ryne		
	Substation	RBY	21	2023-08-01T16:33:20	2023-08-01T16:33:24	0:00:04	Jamestown	Midstokke_Ryne		
	Substation	RBY	21	2023-12-29T15:30:20	2023-12-29T16:20:57	0:50:37	Jamestown	Midstokke_Ryne		
	Substation	RBY	21	2023-09-05T04:16:11	2023-09-05T04:16:19	0:00:08	Jamestown	Midstokke_Ryne		
	Substation	RBY	21	2023-12-27T06:00:56	2023-12-27T06:15:37	0:14:41	Jamestown	Midstokke_Ryne		
	Substation	BR	75	2023-08-31T11:44:12	2023-08-31T12:01:54	0:17:42	Rugby	Bartholomay_Seth		

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service							Cause	Notes
				Outage Start	Outage End	Duration	Center	Region				
	Substation	BR	75	2023-05-23T03:45:29	2023-05-23T03:51:07	0:05:38	Rugby	Bartholomay_Seth				
	Substation	BR	75	2023-08-31T01:43:56	2023-08-31T01:45:57	0:02:01	Rugby	Bartholomay_Seth				
	Substation	BR	75	2023-08-23T04:02:38	2023-08-23T04:02:51	0:00:13	Rugby	Bartholomay_Seth				
	Substation	BR	75	2023-07-02T05:05:02	2023-07-02T05:05:13	0:00:11	Rugby	Bartholomay_Seth				
	Substation	BR	75	2023-09-07T11:27:24	2023-09-07T11:27:35	0:00:11	Rugby	Bartholomay_Seth				
	Substation	BR	75	2023-05-03T09:38:12	2023-05-03T09:38:23	0:00:11	Rugby	Bartholomay_Seth				
	Substation	BR	75	2023-06-28T16:33:38	2023-06-28T16:33:48	0:00:10	Rugby	Bartholomay_Seth				
	Substation	RY	16	2023-08-29T09:01:43	2023-08-29T10:58:57	1:57:14	Rugby	Rugby				
									Equip Fail			
	Substation	RY	16	2023-01-18T15:46:35	2023-01-18T16:16:29	0:29:54	Rugby	Rugby	Conductor	Broken conductor		
	Substation	RY	16	2023-05-09T14:02:43	2023-05-09T14:08:30	0:05:47	Rugby	Rugby				
	Substation	RY	16	2023-06-28T05:12:50	2023-06-28T05:15:34	0:02:44	Rugby	Rugby				
	Substation	RY	16	2023-06-12T11:59:30	2023-06-12T12:00:35	0:01:05	Rugby	Rugby				
	Substation	RY	16	2023-05-12T11:57:33	2023-05-12T11:58:37	0:01:04	Rugby	Rugby				
	Substation	R	12	2023-04-10T08:48:29	2023-04-10T08:48:42	0:00:13	Rugby	Rugby				
	Substation	RY	16	2023-08-29T15:07:06	2023-08-29T15:07:14	0:00:08	Rugby	Rugby				
	Substation	RY	16	2023-05-10T19:57:53	2023-05-10T19:58:01	0:00:08	Rugby	Rugby				
	Substation	RY	16	2023-08-04T15:35:56	2023-08-04T15:36:03	0:00:07	Rugby	Rugby				
	Substation	RY	16	2023-08-29T17:29:51	2023-08-29T17:29:58	0:00:07	Rugby	Rugby				
	Substation	RY	16	2023-04-11T14:47:31	2023-04-11T14:47:37	0:00:06	Rugby	Rugby				
	Feeder	RBY	342	2023-09-04T23:23:43	2023-09-05T00:14:16	0:50:33	Devils_Lake	Gardner_Ralph				
	Feeder	RBY	342	2023-09-04T23:21:32	2023-09-04T23:21:39	0:00:07	Devils_Lake	Gardner_Ralph				
	Feeder	RBY	342	2023-12-08T19:41:32	2023-12-08T21:44:36	2:03:04	Devils_Lake	Gardner_Ralph				
										Heavy frost dropping off the lines and wind causing phases to slap together.		
	Feeder	RBY	483	2023-01-06T05:00:02	2023-01-06T05:22:10	0:22:08	Devils_Lake	Gardner_Ralph	Weather			
	Feeder	RBY	742	2023-06-15T15:14:01	2023-06-15T15:14:09	0:00:08	Devils_Lake	Gardner_Ralph				
	Feeder	RBY	742	2023-06-08T00:32:29	2023-06-08T00:32:40	0:00:11	Devils_Lake	Gardner_Ralph				
	Feeder	RBY	742	2023-09-27T00:00:11	2023-09-27T04:45:11	4:45:00	Devils_Lake	Gardner_Ralph				
	Feeder	RBY	742	2023-12-09T00:21:03	2023-12-09T00:21:11	0:00:08	Devils_Lake	Gardner_Ralph				
	Feeder	RBY	742	2023-12-09T00:26:08	2023-12-09T00:26:22	0:00:14	Devils_Lake	Gardner_Ralph				
	Feeder	RBY	742	2023-01-29T00:44:34	2023-01-29T00:44:40	0:00:06	Devils_Lake	Gardner_Ralph				
	Feeder	RBY	742	2023-06-08T04:35:32	2023-06-08T04:35:42	0:00:10	Devils_Lake	Gardner_Ralph				
	Feeder	RBY	742	2023-06-11T00:37:32	2023-06-11T00:37:41	0:00:09	Devils_Lake	Gardner_Ralph				
	Feeder	RBY	742	2023-06-11T18:29:58	2023-06-11T18:30:12	0:00:14	Devils_Lake	Gardner_Ralph				
	Feeder	RBY	742	2023-01-19T07:12:08	2023-01-19T07:12:18	0:00:10	Devils_Lake	Gardner_Ralph	Weather	Dense Fog and Heavy Frost on Lines		
	Feeder	RBY	742	2023-06-12T00:37:41	2023-06-12T00:37:47	0:00:06	Devils_Lake	Gardner_Ralph				
	Feeder	RBY	742	2023-08-24T11:38:18	2023-08-24T11:38:26	0:00:08	Devils_Lake	Gardner_Ralph				
	Feeder	RBY	742	2023-12-09T00:59:12	2023-12-09T00:59:19	0:00:07	Devils_Lake	Gardner_Ralph				
	Substation	RBY	904	2023-07-18T15:35:38	2023-07-18T15:35:59	0:00:21	Devils_Lake	Gardner_Ralph				
	Feeder	RBY	429	2023-12-21T09:39:07	2023-12-21T09:39:17	0:00:10	Devils_Lake	Gardner_Ralph				
	Feeder	RBY	429	2023-08-31T03:44:54	2023-08-31T03:45:02	0:00:08	Devils_Lake	Gardner_Ralph				
	Feeder	RBY	429	2023-12-08T19:16:44	2023-12-08T19:16:51	0:00:07	Devils_Lake	Gardner_Ralph				
	Feeder	RBY	429	2023-12-21T09:28:08	2023-12-21T09:28:18	0:00:10	Devils_Lake	Gardner_Ralph				
	Feeder	RBY	429	2023-12-08T18:53:53	2023-12-08T18:54:00	0:00:07	Devils_Lake	Gardner_Ralph				
	Feeder	RBY	429	2023-12-08T19:35:17	2023-12-08T19:35:24	0:00:07	Devils_Lake	Gardner_Ralph				
	Feeder	RBY	475	2023-06-12T11:26:59	2023-06-12T11:27:05	0:00:06	Devils_Lake	Gardner_Ralph				
	Feeder	RBY	414	2023-08-23T20:01:57	2023-08-23T20:02:09	0:00:12	Devils_Lake	Gardner_Ralph				
	Feeder	RBY	414	2023-08-23T19:58:19	2023-08-23T19:58:38	0:00:19	Devils_Lake	Gardner_Ralph				
	Feeder	RBY	414	2023-11-13T14:36:58	2023-11-13T14:37:08	0:00:10	Devils_Lake	Gardner_Ralph				
	Feeder	RBY	21	2023-12-21T09:28:01	2023-12-21T09:28:12	0:00:11	Devils_Lake	Gardner_Ralph				
	Feeder	RBY	21	2023-12-21T09:39:02	2023-12-21T09:39:11	0:00:09	Devils_Lake	Gardner_Ralph				
	Substation	B	27	2023-06-05T01:42:07	2023-06-05T03:41:55	1:59:48	Rugby	Klein_Travis				
	Substation	RBY	67	2023-11-07T11:11:46	2023-11-07T12:40:36	1:28:50	Rugby	Klein_Travis				
	Substation	RBY	67	2023-07-24T09:51:26	2023-07-24T10:04:51	0:13:25	Rugby	Klein_Travis				

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service						
				Outage Start	Outage End	Duration	Center	Region	Cause	Notes
	Substation	RBY	67	2023-12-08T14:45:53	2023-12-08T14:46:31	0:00:38	Rugby	Klein_Travis		
	Substation	RBY	67	2023-12-08T14:19:00	2023-12-08T14:19:27	0:00:27	Rugby	Klein_Travis		
	Substation	RBY	67	2023-12-08T16:05:01	2023-12-08T16:05:27	0:00:26	Rugby	Klein_Travis		
	Substation	RBY	67	2023-05-17T09:01:11	2023-05-17T09:01:20	0:00:09	Rugby	Klein_Travis		
	Substation	RBY	67	2023-05-17T09:05:46	2023-05-17T09:05:53	0:00:07	Rugby	Klein_Travis		
	Substation	RBY	67	2023-06-03T20:34:29	2023-06-03T20:34:36	0:00:07	Rugby	Klein_Travis		
	Substation	RBY	67	2023-01-21T18:28:32	2023-01-21T18:28:38	0:00:06	Rugby	Klein_Travis	Weather	Dense Fog and Heavy Frost on Lines
	Substation	RBY	67	2023-07-28T11:18:13	2023-07-28T11:18:19	0:00:06	Rugby	Klein_Travis		
	Substation	RBY	67	2023-12-08T14:10:20	2023-12-08T14:10:24	0:00:04	Rugby	Klein_Travis		
	Substation	RBY	33	2023-01-22T15:38:42	2023-01-22T15:41:35	0:02:53	Devils_Lake	Eriksson_Lehmann_Gardner	Weather	Dense Fog and Heavy Frost on Lines
	Substation	RBY	33	2023-06-25T02:04:28	2023-06-25T02:04:33	0:00:05	Devils_Lake	Eriksson_Lehmann_Gardner		
	Substation	RBY	33	2023-06-28T17:59:20	2023-06-28T17:59:26	0:00:06	Devils_Lake	Eriksson_Lehmann_Gardner		
	Substation	RBY	33	2023-01-22T15:57:19	2023-01-22T17:11:20	1:14:01	Devils_Lake	Eriksson_Lehmann_Gardner	Weather	Dense Fog and Heavy Frost on Lines
	Substation	RBY	33	2023-09-23T18:03:55	2023-09-23T18:04:00	0:00:05	Devils_Lake	Eriksson_Lehmann_Gardner		
	Substation	RBY	33	2023-04-13T09:41:07	2023-04-13T09:41:47	0:00:40	Devils_Lake	Eriksson_Lehmann_Gardner		
	Substation	RBY	33	2023-06-28T17:54:35	2023-06-28T17:54:41	0:00:06	Devils_Lake	Eriksson_Lehmann_Gardner		
	Substation	RBY	253	2023-03-17T09:38:22	2023-03-17T09:57:24	0:19:02	Rugby	Dillow_James		
	Substation	RBY	253	2023-08-10T01:18:02	2023-08-10T01:23:38	0:05:36	Rugby	Dillow_James		
	Substation	RBY	253	2023-09-11T18:54:08	2023-09-11T18:54:17	0:00:09	Rugby	Dillow_James		
	Substation	RBY	89	2023-09-03T09:33:08	2023-09-03T09:33:13	0:00:05	Devils_Lake	Hetletved_Kyle		
	Substation	RBY	89	2023-12-24T07:36:17	2023-12-24T07:36:23	0:00:06	Devils_Lake	Hetletved_Kyle		
	Substation	RBY	89	2023-08-21T02:38:27	2023-08-21T02:41:42	0:03:15	Devils_Lake	Hetletved_Kyle		
	Substation	RBY	89	2023-12-24T05:14:15	2023-12-24T05:28:05	0:13:50	Devils_Lake	Hetletved_Kyle		
	Substation	RBY	89	2023-12-24T07:48:53	2023-12-24T08:44:32	0:55:39	Devils_Lake	Hetletved_Kyle		
	Substation	RBY	89	2023-01-13T14:04:11	2023-01-13T15:13:58	1:09:47	Devils_Lake	Hetletved_Kyle		
	Substation	RBY	89	2023-01-05T09:36:55	2023-01-05T09:37:03	0:00:08	Devils_Lake	Hetletved_Kyle	Weather	Heavy frost causing phases to slap together
	Substation	RBY	89	2023-07-19T03:13:40	2023-07-19T03:13:47	0:00:07	Devils_Lake	Hetletved_Kyle		
	Substation	RBY	89	2023-08-24T14:07:02	2023-08-24T14:07:09	0:00:07	Devils_Lake	Hetletved_Kyle		
	Substation	RBY	89	2023-12-24T07:45:43	2023-12-24T07:45:49	0:00:06	Devils_Lake	Hetletved_Kyle		
	Substation	RBY	89	2023-05-23T09:00:19	2023-05-23T12:25:02	3:24:43	Devils_Lake	Hetletved_Kyle		
	Substation	RBY	89	2023-06-26T17:18:39	2023-06-26T17:18:46	0:00:07	Devils_Lake	Hetletved_Kyle		
	Substation	RBY	89	2023-06-26T17:31:57	2023-06-26T17:32:03	0:00:06	Devils_Lake	Hetletved_Kyle		
	Substation	RBY	89	2023-08-21T03:59:53	2023-08-21T04:01:00	0:01:07	Devils_Lake	Hetletved_Kyle		
	Substation	RBY	89	2023-10-19T11:10:45	2023-10-19T11:10:52	0:00:07	Devils_Lake	Hetletved_Kyle		
	Substation	RBY	89	2023-06-26T16:58:38	2023-06-26T16:59:41	0:01:03	Devils_Lake	Hetletved_Kyle		
	Substation	RBY	89	2023-12-24T07:41:25	2023-12-24T07:41:31	0:00:06	Devils_Lake	Hetletved_Kyle		
	Substation	RBY	89	2023-12-24T05:30:35	2023-12-24T05:34:09	0:03:34	Devils_Lake	Hetletved_Kyle		
	Substation	RBY	89	2023-08-20T15:13:40	2023-08-20T15:13:46	0:00:06	Devils_Lake	Hetletved_Kyle		
	Substation	RBY	89	2023-12-24T07:22:38	2023-12-24T07:22:44	0:00:06	Devils_Lake	Hetletved_Kyle		
	Substation	R	2	2023-08-31T00:23:52	2023-08-31T00:25:21	0:01:29	Rugby	Schell_Peary		
	Substation	R	2	2023-08-23T04:02:41	2023-08-23T04:02:47	0:00:06	Rugby	Schell_Peary		
	Substation	R	2	2023-06-28T16:33:39	2023-06-28T16:33:45	0:00:06	Rugby	Schell_Peary		
	Substation	RBY	432	2023-11-16T06:13:58	2023-11-16T06:49:46	0:35:48	Rugby	Derr_John		
	Substation	RBY	432	2023-08-10T14:00:42	2023-08-10T14:00:52	0:00:10	Rugby	Derr_John		
	Substation	RBY	432	2023-06-20T21:20:20	2023-06-20T21:20:27	0:00:07	Rugby	Derr_John		
	Substation	RBY	432	2023-08-23T09:27:36	2023-08-23T09:27:43	0:00:07	Rugby	Derr_John		
	Substation	RBY	432	2023-06-20T21:17:14	2023-06-20T21:17:20	0:00:06	Rugby	Derr_John		
	Substation	BRY	56	2023-03-31T07:07:10	2023-03-31T07:30:47	0:23:37	Wahpeton	Wahpeton		
	Substation	BRY	56	2023-03-31T07:00:13	2023-03-31T07:03:14	0:03:01	Wahpeton	Wahpeton		
	Substation	RBY	56	2023-08-10T18:44:47	2023-08-10T18:45:53	0:01:06	Wahpeton	Wahpeton		
	Substation	RBY	56	2023-09-29T08:10:54	2023-09-29T08:11:36	0:00:42	Wahpeton	Wahpeton		
	Substation	BRY	56	2023-08-18T07:37:58	2023-08-18T07:38:31	0:00:33	Wahpeton	Wahpeton		
	Substation	RBY	56	2023-09-29T08:01:25	2023-09-29T08:01:48	0:00:23	Wahpeton	Wahpeton		
	Substation	RY	34	2023-05-29T23:48:23	2023-05-29T23:48:36	0:00:13	Wahpeton	Wahpeton		

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service							Cause	Notes
				Outage Start	Outage End	Duration	Center	Region				
	Substation	RY	34	2023-05-29T22:05:36	2023-05-29T22:05:49	0:00:13	Wahpeton	Wahpeton				
	Substation	RY	34	2023-05-29T23:07:40	2023-05-29T23:07:52	0:00:12	Wahpeton	Wahpeton				
	Substation	RBY	38	2023-11-25T14:30:55	2023-11-25T15:04:55	0:34:00	Jamestown	Erickson_Joe				
	Substation	RBY	38	2023-06-07T17:35:40	2023-06-07T17:52:26	0:16:46	Jamestown	Erickson_Joe				
	Substation	RBY	38	2023-06-09T00:56:03	2023-06-09T00:56:33	0:00:30	Jamestown	Erickson_Joe				
	Substation	RBY	38	2023-07-02T06:21:22	2023-07-02T06:21:33	0:00:11	Jamestown	Erickson_Joe				
	Substation	RBY	38	2023-12-26T18:07:54	2023-12-26T18:20:05	0:12:11	Jamestown	Erickson_Joe				
	Substation	RBY	162	2023-05-26T16:58:47	2023-05-26T17:00:25	0:01:38	Devils_Lake	Stabo_Tim				
	Substation	RBY	162	2023-05-20T07:54:28	2023-05-20T10:14:19	2:19:51	Devils_Lake	Stabo_Tim				
	Substation	RBY	162	2023-12-08T21:32:05	2023-12-08T21:32:11	0:00:06	Devils_Lake	Stabo_Tim				
	Substation	RBY	162	2023-05-30T16:37:56	2023-05-30T16:38:03	0:00:07	Devils_Lake	Stabo_Tim				
	Substation	RBY	162	2023-07-06T23:44:43	2023-07-06T23:44:49	0:00:06	Devils_Lake	Stabo_Tim				
	Substation	RBY	162	2023-07-06T12:46:45	2023-07-06T12:47:20	0:00:35	Devils_Lake	Stabo_Tim				
	Substation	RBY	162	2023-07-21T18:00:25	2023-07-21T18:00:32	0:00:07	Devils_Lake	Stabo_Tim				
	Substation	RBY	162	2023-09-26T22:56:42	2023-09-26T22:56:50	0:00:08	Devils_Lake	Stabo_Tim				
	Substation	RBY	162	2023-02-13T11:40:03	2023-02-13T11:40:25	0:00:22	Devils_Lake	Stabo_Tim				
	Substation	RBY	162	2023-04-04T08:30:13	2023-04-04T08:59:55	0:29:42	Devils_Lake	Stabo_Tim				
	Substation	RBY	162	2023-07-25T17:45:02	2023-07-25T17:45:09	0:00:07	Devils_Lake	Stabo_Tim				
	Substation	RBY	162	2023-07-25T19:05:37	2023-07-25T19:05:43	0:00:06	Devils_Lake	Stabo_Tim				
	Substation	RBY	167	2023-01-04T23:20:19	2023-01-04T23:20:28	0:00:09	Devils_Lake	Ramberg_Jason	Weather		Heavy frost causing phases to slap together	
	Substation	RBY	167	2023-01-07T03:54:22	2023-01-07T03:55:06	0:00:44	Devils_Lake	Ramberg_Jason	Weather		Heavy frost dropping off	
	Substation	RBY	167	2023-09-02T08:42:16	2023-09-02T08:42:29	0:00:13	Devils_Lake	Ramberg_Jason				
	Substation	RBY	167	2023-07-07T04:20:57	2023-07-07T04:21:09	0:00:12	Devils_Lake	Ramberg_Jason				
	Substation	RBY	167	2023-07-18T16:02:58	2023-07-18T16:03:04	0:00:06	Devils_Lake	Ramberg_Jason				
	Substation	RBY	167	2023-09-05T00:08:46	2023-09-05T00:08:52	0:00:06	Devils_Lake	Ramberg_Jason				
	Substation	RBY	167	2023-01-20T07:00:59	2023-01-20T07:01:05	0:00:06	Devils_Lake	Ramberg_Jason	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	RBY	167	2023-07-07T04:38:13	2023-07-07T04:38:17	0:00:04	Devils_Lake	Ramberg_Jason				
	Substation	RBY	167	2023-01-05T11:40:08	2023-01-05T11:40:23	0:00:15	Devils_Lake	Ramberg_Jason	Weather		Heavy frost causing phases to slap together	
	Substation	RBY	167	2023-02-13T11:40:15	2023-02-13T11:40:22	0:00:07	Devils_Lake	Ramberg_Jason				
	Substation	RBY	167	2023-07-06T20:34:00	2023-07-06T20:34:06	0:00:06	Devils_Lake	Ramberg_Jason				
	Substation	RBY	167	2023-06-13T16:52:04	2023-06-13T16:52:10	0:00:06	Devils_Lake	Ramberg_Jason				
	Substation	RBY	167	2023-06-26T18:03:20	2023-06-26T18:03:25	0:00:05	Devils_Lake	Ramberg_Jason				
	Substation	RBY	46	2023-06-09T00:56:03	2023-06-09T00:56:42	0:00:39	Jamestown	Bruner_Brent				
	Substation	RBY	46	2023-08-08T19:10:44	2023-08-08T19:12:42	0:01:58	Jamestown	Bruner_Brent				
	Substation	RBY	46	2023-12-24T12:04:13	2023-12-24T12:04:20	0:00:07	Jamestown	Bruner_Brent				
	Substation	RBY	46	2023-12-26T15:25:26	2023-12-26T20:54:25	5:28:59	Jamestown	Bruner_Brent				
	Substation	RBY	46	2023-01-08T06:22:22	2023-01-08T06:22:51	0:00:29	Jamestown	Bruner_Brent				
	Substation	RBY	46	2023-05-23T22:51:51	2023-05-23T22:51:58	0:00:07	Jamestown	Bruner_Brent				
	Substation	RBY	46	2023-12-26T06:55:33	2023-12-26T10:08:43	3:13:10	Jamestown	Bruner_Brent				
	Substation	RBY	46	2023-12-27T11:01:25	2023-12-28T12:44:13	25:42:48	Jamestown	Bruner_Brent				
	Substation	RBY	46	2023-06-20T05:24:19	2023-06-20T05:24:28	0:00:09	Jamestown	Bruner_Brent				
	Substation	RBY	46	2023-05-23T23:00:42	2023-05-23T23:00:49	0:00:07	Jamestown	Bruner_Brent				
	Substation	RBY	46	2023-06-07T17:35:49	2023-06-07T18:48:29	1:12:40	Jamestown	Bruner_Brent				
	Substation	RBY	46	2023-08-07T07:52:11	2023-08-07T07:52:18	0:00:07	Jamestown	Bruner_Brent				
	Substation	RBY	46	2023-05-10T00:12:51	2023-05-10T00:12:54	0:00:03	Jamestown	Bruner_Brent				
	Substation	RBY	46	2023-06-05T02:10:23	2023-06-05T03:46:50	1:36:27	Jamestown	Bruner_Brent				
	Substation	RBY	46	2023-07-21T22:18:25	2023-07-21T22:18:33	0:00:08	Jamestown	Bruner_Brent				
	Substation	Y	4	2023-12-27T14:35:00	2023-12-27T18:47:03	4:12:03	Rugby	Voeller_Dave				
	Substation	Y	4	2023-01-04T03:53:35	2023-01-04T05:17:42	1:24:07	Rugby	Voeller_Dave	Weather		Heavy frost causing phases to slap together	
	Substation	Y	4	2023-12-26T18:07:52	2023-12-26T19:07:23	0:59:31	Rugby	Voeller_Dave				
	Substation	Y	4	2023-06-07T17:35:21	2023-06-07T18:01:39	0:26:18	Rugby	Voeller_Dave				
	Substation	Y	4	2023-12-27T00:28:19	2023-12-27T00:31:56	0:03:37	Rugby	Voeller_Dave				
	Substation	Y	4	2023-08-29T15:07:07	2023-08-29T15:08:12	0:01:05	Rugby	Voeller_Dave				
	Substation	Y	4	2023-07-30T23:04:17	2023-07-30T23:05:21	0:01:04	Rugby	Voeller_Dave				

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service							Cause	Notes
				Outage Start	Outage End	Duration	Center	Region				
	Substation	Y	4	2023-12-20T09:02:45	2023-12-20T09:03:49	0:01:04	Rugby	Voeller_Dave				
	Substation	Y	4	2023-06-18T00:07:40	2023-06-18T00:08:43	0:01:03	Rugby	Voeller_Dave				
	Substation	Y	4	2023-01-04T03:11:20	2023-01-04T03:12:20	0:01:00	Rugby	Voeller_Dave	Weather	Heavy frost causing phases to slap together		
	Substation	Y	4	2023-01-04T03:19:04	2023-01-04T03:19:58	0:00:54	Rugby	Voeller_Dave	Weather	Heavy frost causing phases to slap together		
	Substation	Y	4	2023-09-08T14:01:43	2023-09-08T14:02:09	0:00:26	Rugby	Voeller_Dave				
	Substation	Y	4	2023-06-09T00:54:52	2023-06-09T00:55:01	0:00:09	Rugby	Voeller_Dave				
	Substation	Y	4	2023-07-02T05:04:43	2023-07-02T05:04:51	0:00:08	Rugby	Voeller_Dave				
	Substation	Y	4	2023-09-01T17:40:37	2023-09-01T17:40:44	0:00:07	Rugby	Voeller_Dave				
	Substation	Y	4	2023-07-18T20:29:55	2023-07-18T20:30:01	0:00:06	Rugby	Voeller_Dave				
	Substation	Y	4	2023-05-10T19:57:54	2023-05-10T19:58:00	0:00:06	Rugby	Voeller_Dave				
	Substation	Y	4	2023-07-02T05:44:04	2023-07-02T05:44:10	0:00:06	Rugby	Voeller_Dave				
	Substation	Y	4	2023-07-02T05:36:33	2023-07-02T05:36:39	0:00:06	Rugby	Voeller_Dave				
	Substation	Y	4	2023-07-02T05:39:30	2023-07-02T05:39:36	0:00:06	Rugby	Voeller_Dave				
	Substation	Y	4	2023-09-21T05:56:50	2023-09-21T05:56:55	0:00:05	Rugby	Voeller_Dave				
	Substation	Y	4	2023-07-02T04:50:13	2023-07-02T04:50:18	0:00:05	Rugby	Voeller_Dave				
	Substation	Y	4	2023-09-21T02:35:28	2023-09-21T02:35:32	0:00:04	Rugby	Voeller_Dave				
	Substation	Y	4	2023-09-21T17:20:17	2023-09-21T17:20:21	0:00:04	Rugby	Voeller_Dave				
	Substation	Y	4	2023-09-21T04:21:36	2023-09-21T04:21:40	0:00:04	Rugby	Voeller_Dave				
	Substation	Y	4	2023-09-23T11:17:23	2023-09-23T11:17:26	0:00:03	Rugby	Voeller_Dave				
	Substation	Y	4	2023-09-22T13:48:12	2023-09-22T13:48:15	0:00:03	Rugby	Voeller_Dave				
	Substation	BYR	7	2023-12-27T14:35:01	2023-12-27T18:47:13	4:12:12	Rugby	Voeller_Dave				
	Substation	BYR	7	2023-01-04T03:53:38	2023-01-04T05:17:26	1:23:48	Rugby	Voeller_Dave	Weather	Heavy frost causing phases to slap together		
	Substation	BYR	7	2023-12-26T18:07:53	2023-12-26T19:07:33	0:59:40	Rugby	Voeller_Dave				
	Substation	BYR	7	2023-06-07T17:35:21	2023-06-07T18:01:48	0:26:27	Rugby	Voeller_Dave				
	Substation	BYR	7	2023-12-27T00:28:21	2023-12-27T00:32:05	0:03:44	Rugby	Voeller_Dave				
	Substation	BYR	7	2023-07-30T23:04:21	2023-07-30T23:05:21	0:01:00	Rugby	Voeller_Dave				
	Substation	BYR	7	2023-09-08T14:01:42	2023-09-08T14:02:20	0:00:38	Rugby	Voeller_Dave				
	Substation	RBY	7	2023-06-09T00:54:52	2023-06-09T00:55:10	0:00:18	Rugby	Voeller_Dave				
	Substation	BYR	7	2023-07-02T04:50:12	2023-07-02T04:50:28	0:00:16	Rugby	Voeller_Dave				
	Substation	BYR	7	2023-09-01T17:40:39	2023-09-01T17:40:54	0:00:15	Rugby	Voeller_Dave				
	Substation	RBY	7	2023-09-22T13:48:11	2023-09-22T13:48:26	0:00:15	Rugby	Voeller_Dave				
	Substation	BYR	7	2023-07-02T05:36:35	2023-07-02T05:36:50	0:00:15	Rugby	Voeller_Dave				
	Substation	BYR	7	2023-01-04T03:19:06	2023-01-04T03:19:20	0:00:14	Rugby	Voeller_Dave	Weather	Heavy frost causing phases to slap together		
	Substation	BYR	7	2023-07-18T20:29:57	2023-07-18T20:30:11	0:00:14	Rugby	Voeller_Dave				
	Substation	BYR	7	2023-08-29T15:07:08	2023-08-29T15:07:22	0:00:14	Rugby	Voeller_Dave				
	Substation	BYR	6	2023-07-02T05:04:47	2023-07-02T05:05:01	0:00:14	Rugby	Voeller_Dave				
	Substation	BYR	7	2023-05-10T19:57:56	2023-05-10T19:58:10	0:00:14	Rugby	Voeller_Dave				
	Substation	BYR	7	2023-06-18T00:07:40	2023-06-18T00:07:54	0:00:14	Rugby	Voeller_Dave				
	Substation	BYR	7	2023-07-02T05:39:33	2023-07-02T05:39:47	0:00:14	Rugby	Voeller_Dave				
	Substation	BYR	7	2023-12-20T09:02:46	2023-12-20T09:02:59	0:00:13	Rugby	Voeller_Dave				
	Substation	BYR	7	2023-07-02T05:44:07	2023-07-02T05:44:20	0:00:13	Rugby	Voeller_Dave				
	Substation	BYR	7	2023-09-21T05:56:53	2023-09-21T05:57:06	0:00:13	Rugby	Voeller_Dave				
	Substation	RBY	7	2023-09-21T17:20:19	2023-09-21T17:20:31	0:00:12	Rugby	Voeller_Dave				
	Substation	BYR	7	2023-09-21T04:21:38	2023-09-21T04:21:50	0:00:12	Rugby	Voeller_Dave				
	Substation	BYR	7	2023-01-04T03:11:23	2023-01-04T03:11:34	0:00:11	Rugby	Voeller_Dave	Weather	Heavy frost causing phases to slap together		
	Substation	BYR	7	2023-09-21T02:35:31	2023-09-21T02:35:42	0:00:11	Rugby	Voeller_Dave				
	Substation	BYR	7	2023-09-23T11:17:26	2023-09-23T11:17:37	0:00:11	Rugby	Voeller_Dave				
	Substation	BRY	825	2023-07-04T15:49:26	2023-07-04T15:53:47	0:04:21	Wahpeton	Toso_Mark				
	Substation	BRY	825	2023-04-13T22:55:17	2023-04-13T22:56:15	0:00:58	Wahpeton	Toso_Mark				
	Substation	BRY	825	2023-07-11T23:51:19	2023-07-11T23:51:54	0:00:35	Wahpeton	Toso_Mark				
	Substation	BRY	825	2023-12-27T11:30:49	2023-12-27T11:31:22	0:00:33	Wahpeton	Toso_Mark				
	Substation	BRY	825	2023-07-12T22:21:57	2023-07-12T22:22:27	0:00:30	Wahpeton	Toso_Mark				
	SubstationBank	BRY	124	2023-07-13T10:53:07	2023-07-13T10:53:38	0:00:31	Wahpeton	Toso_Mark				
	SubstationBank	RBY	701	2023-11-23T17:10:40	2023-11-23T17:20:52	0:10:12	Wahpeton	Toso_Mark				

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service							Cause	Notes
				Outage Start	Outage End	Duration	Center	Region				
	SubstationBank	RBY	701	2023-12-25T20:38:58	2023-12-25T20:41:45	0:02:47	Wahpeton	Toso_Mark				
	SubstationBank	RBY	701	2023-12-19T10:52:20	2023-12-19T10:54:21	0:02:01	Wahpeton	Toso_Mark				
	SubstationBank	RBY	701	2023-12-09T04:07:12	2023-12-09T04:08:18	0:01:06	Wahpeton	Toso_Mark				
	SubstationBank	RBY	701	2023-08-06T11:15:04	2023-08-06T11:15:12	0:00:08	Wahpeton	Toso_Mark				
	SubstationBank	RBY	701	2023-04-01T11:40:34	2023-04-01T11:40:40	0:00:06	Wahpeton	Toso_Mark				
	SubstationBank	RBY	701	2023-09-03T19:10:14	2023-09-03T19:10:20	0:00:06	Wahpeton	Toso_Mark				
	Feeder	BRY	121	2023-12-25T20:38:55	2023-12-25T20:41:49	0:02:54	Wahpeton	Toso_Mark				
	Feeder	BRY	3	2023-12-25T19:58:17	2023-12-26T00:14:41	4:16:24	Wahpeton	Toso_Mark				
	Feeder	BRY	3	2023-07-07T14:24:03	2023-07-07T15:48:43	1:24:40	Wahpeton	Toso_Mark				
	Feeder	BRY	3	2023-05-10T13:14:04	2023-05-10T13:14:29	0:00:25	Wahpeton	Toso_Mark				
	Substation	BR	38	2023-07-21T16:19:41	2023-07-21T16:19:54	0:00:13	Jamestown	Atkinson_Tom				
	Substation	BR	38	2023-08-31T09:00:13	2023-08-31T09:00:26	0:00:13	Jamestown	Atkinson_Tom				
	Substation	BR	38	2023-12-28T12:33:42	2023-12-28T14:57:29	2:23:47	Jamestown	Atkinson_Tom				
	Substation	BR	38	2023-06-04T10:03:24	2023-06-04T10:03:37	0:00:13	Jamestown	Atkinson_Tom				
	Substation	BR	38	2023-07-02T07:54:56	2023-07-02T07:55:08	0:00:12	Jamestown	Atkinson_Tom				
	Substation	BR	38	2023-12-27T14:41:22	2023-12-27T20:21:50	5:40:28	Jamestown	Atkinson_Tom				
	Substation	B	21	2023-07-04T08:34:59	2023-07-04T08:35:04	0:00:05	Jamestown	Atkinson_Tom				
	Substation	BR	38	2023-12-26T00:52:16	2023-12-26T05:20:58	4:28:42	Jamestown	Atkinson_Tom				
	Substation	BR	38	2023-07-21T16:06:06	2023-07-21T16:07:08	0:01:02	Jamestown	Atkinson_Tom				
	Substation	R	17	2023-07-04T08:35:05	2023-07-04T09:39:58	1:04:53	Jamestown	Atkinson_Tom				
	Substation	BR	38	2023-08-31T08:03:19	2023-08-31T08:03:33	0:00:14	Jamestown	Atkinson_Tom				
	Substation	BR	38	2023-12-30T05:24:31	2023-12-30T05:47:22	0:22:51	Jamestown	Atkinson_Tom				
	Substation	BR	38	2023-12-30T05:22:35	2023-12-30T05:23:46	0:01:11	Jamestown	Atkinson_Tom				
	Substation	RBY	146	2023-07-02T00:00:52	2023-07-02T00:00:58	0:00:06	Rugby	Peterson_Paul				
	Substation	RBY	146	2023-07-31T21:01:27	2023-07-31T21:01:33	0:00:06	Rugby	Peterson_Paul				
	Substation	RBY	146	2023-10-03T09:02:48	2023-10-03T09:02:54	0:00:06	Rugby	Peterson_Paul				
	Substation	R	24	2023-03-24T10:01:58	2023-03-24T11:17:01	1:15:03	Devils_Lake	Stabo_Tim				
	Substation	BRY	46	2023-01-04T23:20:09	2023-01-04T23:20:28	0:00:19	Devils_Lake	Stabo_Tim	Weather	Heavy frost causing phases to slap together		
	Substation	B	23	2023-06-04T16:44:30	2023-06-04T16:45:21	0:00:51	Devils_Lake	Stabo_Tim				
	Substation	BRY	46	2023-01-05T11:40:06	2023-01-05T11:40:23	0:00:17	Devils_Lake	Stabo_Tim	Weather	Heavy frost causing phases to slap together		
	Substation	BRY	46	2023-01-20T07:00:44	2023-01-20T07:01:04	0:00:20	Devils_Lake	Stabo_Tim	Weather	Dense Fog and Heavy Frost on Lines		
	Substation	BRY	46	2023-07-07T04:38:02	2023-07-07T04:38:21	0:00:19	Devils_Lake	Stabo_Tim				
	Substation	BRY	46	2023-06-13T16:51:48	2023-06-13T16:52:08	0:00:20	Devils_Lake	Stabo_Tim				
	Substation	B	23	2023-09-05T00:08:43	2023-09-05T00:08:51	0:00:08	Devils_Lake	Stabo_Tim				
	Substation	BRY	46	2023-01-07T03:54:10	2023-01-07T03:55:08	0:00:58	Devils_Lake	Stabo_Tim	Weather	Heavy frost dropping off		
	Substation	BRY	46	2023-02-13T11:40:04	2023-02-13T11:40:28	0:00:24	Devils_Lake	Stabo_Tim				
	Substation	BRY	46	2023-06-26T18:03:14	2023-06-26T18:04:13	0:00:59	Devils_Lake	Stabo_Tim				
	Substation	BRY	46	2023-07-06T20:33:53	2023-07-06T20:34:11	0:00:18	Devils_Lake	Stabo_Tim				
	Substation	B	23	2023-06-03T22:02:14	2023-06-03T22:02:20	0:00:06	Devils_Lake	Stabo_Tim				
	Substation	BRY	46	2023-06-10T09:27:08	2023-06-10T10:53:34	1:26:26	Devils_Lake	Stabo_Tim				
	Substation	B	23	2023-06-03T21:59:21	2023-06-03T22:00:10	0:00:49	Devils_Lake	Stabo_Tim				
	Substation	BRY	46	2023-07-07T04:20:54	2023-07-07T04:21:14	0:00:20	Devils_Lake	Stabo_Tim				
	Substation	BRY	46	2023-07-18T16:02:51	2023-07-18T16:03:10	0:00:19	Devils_Lake	Stabo_Tim				
	Substation	BRY	46	2023-09-02T08:42:16	2023-09-02T08:42:34	0:00:18	Devils_Lake	Stabo_Tim				
	Feeder	Y	1	2023-07-13T02:25:27	2023-07-13T03:25:00	0:59:33	Wahpeton	Smith_Ryan				
	Feeder	Y	1	2023-09-29T08:30:58	2023-09-29T08:31:07	0:00:09	Wahpeton	Smith_Ryan				
	Feeder	Y	1	2023-05-21T11:26:55	2023-05-21T11:27:02	0:00:07	Wahpeton	Smith_Ryan				
									Equip Fail			
	Substation	RBY	31	2023-01-18T15:46:28	2023-01-18T15:59:09	0:12:41	Rugby	Gravseth_Chad	Conductor	Broken conductor		
	Substation	RBY	31	2023-11-16T13:10:57	2023-11-16T13:21:57	0:11:00	Rugby	Gravseth_Chad				
	Substation	RBY	31	2023-12-05T09:04:12	2023-12-05T09:08:57	0:04:45	Rugby	Gravseth_Chad				
	Substation	RBY	31	2023-12-27T09:23:44	2023-12-27T09:25:41	0:01:57	Rugby	Gravseth_Chad				
	Substation	RBY	31	2023-12-20T15:06:56	2023-12-20T15:07:59	0:01:03	Rugby	Gravseth_Chad				
	Substation	RBY	453	2023-08-10T01:18:01	2023-08-10T01:23:38	0:05:37	Rugby	Voeller_Dave				

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service							Cause	Notes
				Outage Start	Outage End	Duration	Center	Region				
	Substation	RBY	453	2023-07-02T00:02:21	2023-07-02T00:02:35	0:00:14	Rugby	Voeller_Dave				
	Substation	R	2	2023-12-27T14:35:02	2023-12-27T18:47:07	4:12:05	Rugby	Voeller_Dave				
	Substation	R	2	2023-10-19T09:17:53	2023-10-19T11:04:57	1:47:04	Rugby	Voeller_Dave				
	Substation	R	2	2023-01-04T03:53:37	2023-01-04T05:17:18	1:23:41	Rugby	Voeller_Dave	Weather	Heavy frost causing phases to slap together		
	Substation	R	2	2023-07-24T14:20:27	2023-07-24T15:40:24	1:19:57	Rugby	Voeller_Dave				
	Substation	R	2	2023-07-24T08:22:05	2023-07-24T09:29:32	1:07:27	Rugby	Voeller_Dave				
	Substation	R	2	2023-12-26T18:07:52	2023-12-26T19:07:27	0:59:35	Rugby	Voeller_Dave				
	Substation	R	2	2023-06-07T17:35:20	2023-06-07T18:01:41	0:26:21	Rugby	Voeller_Dave				
	Substation	R	2	2023-12-27T00:28:21	2023-12-27T00:31:59	0:03:38	Rugby	Voeller_Dave				
	Substation	R	2	2023-09-08T14:01:42	2023-09-08T14:02:13	0:00:31	Rugby	Voeller_Dave				
	Substation	R	2	2023-06-09T00:54:52	2023-06-09T00:55:02	0:00:10	Rugby	Voeller_Dave				
	Substation	R	2	2023-07-02T04:50:11	2023-07-02T04:50:21	0:00:10	Rugby	Voeller_Dave				
	Substation	R	2	2023-09-22T13:48:11	2023-09-22T13:48:19	0:00:08	Rugby	Voeller_Dave				
	Substation	R	2	2023-01-04T03:11:19	2023-01-04T03:11:26	0:00:07	Rugby	Voeller_Dave	Weather	Heavy frost causing phases to slap together		
	Substation	R	2	2023-01-04T03:19:05	2023-01-04T03:19:12	0:00:07	Rugby	Voeller_Dave	Weather	Heavy frost causing phases to slap together		
	Substation	R	2	2023-07-02T05:04:46	2023-07-02T05:04:53	0:00:07	Rugby	Voeller_Dave				
	Substation	R	2	2023-09-21T05:56:52	2023-09-21T05:56:59	0:00:07	Rugby	Voeller_Dave				
	Substation	R	2	2023-12-20T09:02:45	2023-12-20T09:02:52	0:00:07	Rugby	Voeller_Dave				
	Substation	R	2	2023-09-01T17:40:40	2023-09-01T17:40:47	0:00:07	Rugby	Voeller_Dave				
	Substation	R	2	2023-07-02T05:44:06	2023-07-02T05:44:13	0:00:07	Rugby	Voeller_Dave				
	Substation	R	2	2023-07-30T23:04:17	2023-07-30T23:04:24	0:00:07	Rugby	Voeller_Dave				
	Substation	R	2	2023-06-18T00:07:40	2023-06-18T00:07:46	0:00:06	Rugby	Voeller_Dave				
	Substation	R	2	2023-07-02T05:39:33	2023-07-02T05:39:39	0:00:06	Rugby	Voeller_Dave				
	Substation	R	2	2023-08-29T15:07:09	2023-08-29T15:07:15	0:00:06	Rugby	Voeller_Dave				
	Substation	R	2	2023-05-10T19:57:56	2023-05-10T19:58:02	0:00:06	Rugby	Voeller_Dave				
	Substation	R	2	2023-07-02T05:36:36	2023-07-02T05:36:42	0:00:06	Rugby	Voeller_Dave				
	Substation	R	2	2023-07-18T20:29:59	2023-07-18T20:30:04	0:00:05	Rugby	Voeller_Dave				
	Substation	R	2	2023-09-21T17:20:19	2023-09-21T17:20:24	0:00:05	Rugby	Voeller_Dave				
	Substation	R	2	2023-09-21T04:21:39	2023-09-21T04:21:43	0:00:04	Rugby	Voeller_Dave				
	Substation	R	2	2023-09-21T02:35:31	2023-09-21T02:35:35	0:00:04	Rugby	Voeller_Dave				
	Substation	R	2	2023-09-23T11:17:26	2023-09-23T11:17:30	0:00:04	Rugby	Voeller_Dave				
	Substation	RBY	258	2023-12-25T21:50:08	2023-12-27T20:04:11	46:14:03	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-04-30T11:19:34	2023-04-30T13:22:42	2:03:08	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-04-29T16:11:25	2023-04-29T18:03:41	1:52:16	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-12-28T14:30:00	2023-12-28T14:46:12	0:16:12	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-12-28T13:21:22	2023-12-28T13:24:43	0:03:21	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-12-27T20:42:36	2023-12-27T20:45:35	0:02:59	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-12-28T10:21:46	2023-12-28T10:24:11	0:02:25	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-12-27T20:26:56	2023-12-27T20:29:07	0:02:11	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-12-27T20:05:02	2023-12-27T20:05:59	0:00:57	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-12-28T10:34:12	2023-12-28T10:35:09	0:00:57	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-12-28T10:15:40	2023-12-28T10:16:34	0:00:54	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-12-28T11:53:47	2023-12-28T11:54:24	0:00:37	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-12-29T08:50:32	2023-12-29T08:50:52	0:00:20	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-05-25T19:43:28	2023-05-25T19:43:40	0:00:12	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-05-10T02:27:40	2023-05-10T02:27:49	0:00:09	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-05-25T06:38:45	2023-05-25T06:38:54	0:00:09	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-04-30T11:01:50	2023-04-30T11:01:58	0:00:08	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-05-16T07:49:56	2023-05-16T07:50:04	0:00:08	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-04-29T15:14:35	2023-04-29T15:14:42	0:00:07	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-05-22T03:47:22	2023-05-22T03:47:29	0:00:07	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-06-08T00:31:41	2023-06-08T00:31:48	0:00:07	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-09-11T23:38:01	2023-09-11T23:38:08	0:00:07	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-10-01T21:27:43	2023-10-01T21:27:50	0:00:07	Wahpeton	Toso_Mark				

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service							Cause	Notes
				Outage Start	Outage End	Duration	Center	Region				
	Substation	RBY	258	2023-12-28T14:06:00	2023-12-28T14:06:06	0:00:06	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-09-21T00:12:04	2023-09-21T00:12:10	0:00:06	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-04-29T16:05:26	2023-04-29T16:05:32	0:00:06	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-08-05T17:30:54	2023-08-05T17:31:00	0:00:06	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-05-31T22:06:50	2023-05-31T22:06:55	0:00:05	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-06-01T00:42:13	2023-06-01T00:42:17	0:00:04	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-04-29T15:00:38	2023-04-29T15:00:42	0:00:04	Wahpeton	Toso_Mark				
	Substation	RBY	258	2023-08-27T15:22:24	2023-08-27T15:22:27	0:00:03	Wahpeton	Toso_Mark				
	Substation	RBY	280	2023-01-20T01:03:05	2023-01-20T01:11:10	0:08:05	Devils_Lake	Foss_Jerry	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	RBY	280	2023-08-03T23:15:35	2023-08-03T23:15:47	0:00:12	Devils_Lake	Foss_Jerry				
	Substation	RBY	280	2023-09-07T15:18:11	2023-09-07T15:18:30	0:00:19	Devils_Lake	Foss_Jerry				
	Substation	RBY	331	2023-07-26T22:37:11	2023-07-26T22:37:32	0:00:21	Devils_Lake	Stabo_Tim				
	Substation	BRV	331	2023-05-17T20:47:07	2023-05-17T20:57:20	0:10:13	Devils_Lake	Stabo_Tim				
	Substation	BRV	331	2023-06-03T05:36:17	2023-06-03T05:37:44	0:01:27	Devils_Lake	Stabo_Tim				
	Substation	RBY	331	2023-09-25T12:43:04	2023-09-25T12:44:23	0:01:19	Devils_Lake	Stabo_Tim				
	Substation	RBY	331	2023-05-09T06:04:27	2023-05-09T06:05:55	0:01:28	Devils_Lake	Stabo_Tim				
	Substation	RBY	331	2023-07-03T18:26:15	2023-07-03T18:27:39	0:01:24	Devils_Lake	Stabo_Tim				
	Substation	BRV	331	2023-09-20T14:56:45	2023-09-20T15:00:24	0:03:39	Devils_Lake	Stabo_Tim				
	Substation	BRV	331	2023-01-22T17:25:26	2023-01-22T17:26:53	0:01:27	Devils_Lake	Stabo_Tim	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	RBY	351	2023-09-05T16:58:32	2023-09-05T19:24:52	2:26:20	Wahpeton	Grosgebauer_John				
	Substation	RBY	351	2023-04-19T05:09:07	2023-04-19T06:43:05	1:33:58	Wahpeton	Grosgebauer_John				
	Substation	RBY	351	2023-08-18T12:44:28	2023-08-18T13:24:52	0:40:24	Wahpeton	Grosgebauer_John				
	Substation	RBY	351	2023-05-10T15:29:10	2023-05-10T15:44:46	0:15:36	Wahpeton	Grosgebauer_John				
	Substation	RBY	351	2023-04-20T10:58:08	2023-04-20T11:05:57	0:07:49	Wahpeton	Grosgebauer_John				
	Substation	RBY	351	2023-04-20T13:39:29	2023-04-20T13:41:32	0:02:03	Wahpeton	Grosgebauer_John				
	Substation	RBY	351	2023-07-29T06:11:34	2023-07-29T06:11:47	0:00:13	Wahpeton	Grosgebauer_John				
	Substation	RBY	351	2023-05-15T02:17:48	2023-05-15T02:17:58	0:00:10	Wahpeton	Grosgebauer_John				
	Substation	RBY	351	2023-07-29T10:17:06	2023-07-29T10:17:14	0:00:08	Wahpeton	Grosgebauer_John				
	Substation	RBY	351	2023-06-07T18:31:28	2023-06-07T18:31:35	0:00:07	Wahpeton	Grosgebauer_John				
	Substation	RBY	42	2023-04-28T01:05:44	2023-04-28T02:15:34	1:09:50	Devils_Lake	Chase_Scott				
	Substation	RBY	42	2023-07-02T03:14:50	2023-07-02T03:15:10	0:00:20	Devils_Lake	Chase_Scott				
	Feeder	RBY	3	2023-06-08T21:07:00	2023-06-08T21:08:11	0:01:11	Devils_Lake	Chase_Scott				
	Feeder	RBY	3	2023-09-10T02:37:46	2023-09-10T03:58:32	1:20:46	Devils_Lake	Chase_Scott				
	Substation	RBY	6	2023-04-28T01:05:52	2023-04-28T02:15:36	1:09:44	Devils_Lake	Chase_Scott				
	Substation	RBY	6	2023-07-02T03:15:00	2023-07-02T03:15:12	0:00:12	Devils_Lake	Chase_Scott				
	Substation	RBY	6	2023-06-08T21:07:02	2023-06-08T21:46:15	0:39:13	Devils_Lake	Chase_Scott				
	Feeder	BYR	39	2023-05-30T21:55:29	2023-05-30T21:55:41	0:00:12	Devils_Lake	Chase_Scott				
	Substation	BY	155	2023-12-09T02:14:30	2023-12-09T02:14:37	0:00:07	Jamestown	Powers_Steve				
	Substation	R	132	2023-07-02T06:08:07	2023-07-02T06:08:14	0:00:07	Jamestown	Powers_Steve				
	Substation	BY	155	2023-07-26T21:39:32	2023-07-26T21:39:40	0:00:08	Jamestown	Powers_Steve				
	Substation	BY	155	2023-12-26T08:26:47	2023-12-26T08:26:55	0:00:08	Jamestown	Powers_Steve				
	Substation	BRV	287	2023-01-27T01:32:19	2023-01-27T01:32:38	0:00:19	Jamestown	Powers_Steve				
	Substation	R	132	2023-07-26T21:39:23	2023-07-26T21:39:29	0:00:06	Jamestown	Powers_Steve				
	Substation	BYR	287	2023-04-14T11:20:20	2023-04-14T11:21:21	0:01:01	Jamestown	Powers_Steve				
	Substation	BRV	287	2023-06-09T00:56:03	2023-06-09T00:56:41	0:00:38	Jamestown	Powers_Steve				
	Substation	BRV	287	2023-12-26T08:39:20	2023-12-28T22:50:18	62:10:58	Jamestown	Powers_Steve				
	Substation	BRV	287	2023-12-29T12:27:25	2023-12-29T13:24:14	0:56:49	Jamestown	Powers_Steve				
	Substation	R	132	2023-12-26T08:26:40	2023-12-26T08:26:44	0:00:04	Jamestown	Powers_Steve				
	Substation	BY	155	2023-09-07T10:05:47	2023-09-07T10:05:55	0:00:08	Jamestown	Powers_Steve				
	Substation	R	132	2023-06-01T19:09:44	2023-06-01T19:09:52	0:00:08	Jamestown	Powers_Steve				
	Substation	R	132	2023-09-07T10:05:36	2023-09-07T10:05:44	0:00:08	Jamestown	Powers_Steve				
	Substation	BRV	287	2023-12-05T10:30:01	2023-12-05T10:35:43	0:05:42	Jamestown	Powers_Steve				
	Substation	R	132	2023-12-09T02:14:20	2023-12-09T02:14:26	0:00:06	Jamestown	Powers_Steve				
	Substation	BY	155	2023-06-01T19:09:53	2023-06-01T19:10:03	0:00:10	Jamestown	Powers_Steve				

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service						
				Outage Start	Outage End	Duration	Center	Region	Cause	Notes
	Substation	BRY	286	2023-06-07T17:35:37	2023-06-07T18:51:06	1:15:29	Jamestown	Powers_Steve		
	Substation	BY	155	2023-07-02T06:08:17	2023-07-02T06:08:26	0:00:09	Jamestown	Powers_Steve		
	Substation	BRY	287	2023-04-25T01:25:12	2023-04-25T01:26:17	0:01:05	Jamestown	Powers_Steve		
	Substation	BRY	287	2023-09-23T17:31:57	2023-09-23T17:32:15	0:00:18	Jamestown	Powers_Steve		
	Substation	BRY	287	2023-12-05T07:53:55	2023-12-05T10:26:29	2:32:34	Jamestown	Powers_Steve		
	Feeder	R	6	2023-06-20T05:24:21	2023-06-20T05:24:29	0:00:08	Jamestown	Powers_Steve		
	Feeder	R	6	2023-01-08T06:22:31	2023-01-08T06:23:10	0:00:39	Jamestown	Powers_Steve		
	Feeder	R	6	2023-06-05T02:10:24	2023-06-05T02:19:40	0:09:16	Jamestown	Powers_Steve		
	Feeder	R	6	2023-08-08T19:10:45	2023-08-08T19:12:42	0:01:57	Jamestown	Powers_Steve		
	Feeder	R	6	2023-05-23T23:00:43	2023-05-23T23:00:50	0:00:07	Jamestown	Powers_Steve		
	Feeder	R	6	2023-12-05T10:30:14	2023-12-05T10:35:44	0:05:30	Jamestown	Powers_Steve		
	Feeder	R	6	2023-12-26T06:55:43	2023-12-28T18:22:04	59:26:21	Jamestown	Powers_Steve		
	Feeder	R	6	2023-05-23T22:51:51	2023-05-23T22:51:59	0:00:08	Jamestown	Powers_Steve		
	Feeder	R	6	2023-06-07T17:35:49	2023-06-07T18:48:29	1:12:40	Jamestown	Powers_Steve		
	Feeder	R	6	2023-06-09T00:56:03	2023-06-09T00:56:42	0:00:39	Jamestown	Powers_Steve		
	Feeder	R	6	2023-07-21T22:18:24	2023-07-21T22:18:34	0:00:10	Jamestown	Powers_Steve		
	Feeder	R	6	2023-05-10T00:12:39	2023-05-10T00:12:56	0:00:17	Jamestown	Powers_Steve		
	Feeder	R	6	2023-12-05T07:54:08	2023-12-05T10:27:11	2:33:03	Jamestown	Powers_Steve		
	Feeder	R	6	2023-12-24T12:04:13	2023-12-24T12:04:20	0:00:07	Jamestown	Powers_Steve		
	Feeder	R	6	2023-08-07T07:52:11	2023-08-07T07:52:19	0:00:08	Jamestown	Powers_Steve		
	Feeder	R	10	2023-05-23T22:51:39	2023-05-23T22:51:48	0:00:09	Jamestown	Powers_Steve		
	Feeder	R	10	2023-05-23T23:00:31	2023-05-23T23:00:38	0:00:07	Jamestown	Powers_Steve		
	Feeder	R	10	2023-08-07T07:51:59	2023-08-07T07:52:07	0:00:08	Jamestown	Powers_Steve		
	Feeder	R	10	2023-08-08T19:10:34	2023-08-08T19:12:30	0:01:56	Jamestown	Powers_Steve		
	Feeder	R	10	2023-12-05T10:30:01	2023-12-05T10:35:31	0:05:30	Jamestown	Powers_Steve		
	Feeder	R	10	2023-12-26T06:55:33	2023-12-28T18:21:44	59:26:11	Jamestown	Powers_Steve		
	Feeder	R	10	2023-07-21T22:18:13	2023-07-21T22:18:22	0:00:09	Jamestown	Powers_Steve		
	Feeder	R	10	2023-06-05T02:10:15	2023-06-05T02:19:28	0:09:13	Jamestown	Powers_Steve		
	Feeder	R	10	2023-06-07T17:35:40	2023-06-07T18:48:17	1:12:37	Jamestown	Powers_Steve		
	Feeder	R	10	2023-06-09T00:56:02	2023-06-09T00:56:30	0:00:28	Jamestown	Powers_Steve		
	Feeder	R	10	2023-12-05T07:53:57	2023-12-05T10:26:58	2:33:01	Jamestown	Powers_Steve		
	Feeder	R	10	2023-01-08T06:22:31	2023-01-08T06:23:01	0:00:30	Jamestown	Powers_Steve		
	Feeder	R	10	2023-06-20T05:24:12	2023-06-20T05:24:17	0:00:05	Jamestown	Powers_Steve		
	Feeder	R	10	2023-12-24T12:04:03	2023-12-24T12:04:08	0:00:05	Jamestown	Powers_Steve		
	Feeder	R	10	2023-05-10T00:12:34	2023-05-10T00:12:43	0:00:09	Jamestown	Powers_Steve		
	Feeder	R	10	2023-07-27T13:30:04	2023-07-27T14:38:07	1:08:03	Jamestown	Powers_Steve		
	Substation	RBY	29	2023-06-01T16:50:02	2023-06-01T19:52:31	3:02:29	Wahpeton	Vetter_AI		
	Substation	RBY	29	2023-03-31T07:07:09	2023-03-31T07:49:20	0:42:11	Wahpeton	Vetter_AI		
	Substation	RBY	29	2023-03-31T07:00:11	2023-03-31T07:03:08	0:02:57	Wahpeton	Vetter_AI		
	Substation	RBY	29	2023-09-29T08:11:11	2023-09-29T08:11:35	0:00:24	Wahpeton	Vetter_AI		
	Substation	RBY	29	2023-08-18T07:38:01	2023-08-18T07:38:25	0:00:24	Wahpeton	Vetter_AI		
	Substation	RBY	29	2023-05-29T23:48:24	2023-05-29T23:48:34	0:00:10	Wahpeton	Vetter_AI		
	Substation	RBY	29	2023-05-29T23:07:41	2023-05-29T23:07:50	0:00:09	Wahpeton	Vetter_AI		
	Substation	RBY	29	2023-08-10T18:44:45	2023-08-10T18:44:53	0:00:08	Wahpeton	Vetter_AI		
	Substation	RBY	29	2023-09-29T08:01:42	2023-09-29T08:01:49	0:00:07	Wahpeton	Vetter_AI		
	Substation	RBY	29	2023-05-29T22:05:41	2023-05-29T22:05:46	0:00:05	Wahpeton	Vetter_AI		
	Substation	BY	124	2023-06-04T10:03:24	2023-06-04T10:03:43	0:00:19	Jamestown	Atkinson_Tom		
	Substation	BY	124	2023-07-21T16:19:51	2023-07-21T16:19:59	0:00:08	Jamestown	Atkinson_Tom		
	Substation	BY	124	2023-08-31T09:00:24	2023-08-31T09:00:32	0:00:08	Jamestown	Atkinson_Tom		
	Substation	BY	124	2023-12-30T05:22:40	2023-12-30T05:23:51	0:01:11	Jamestown	Atkinson_Tom		
	Substation	BY	124	2023-06-03T09:36:11	2023-06-03T09:36:27	0:00:16	Jamestown	Atkinson_Tom		
	Substation	BY	124	2023-07-02T07:55:00	2023-07-02T07:55:14	0:00:14	Jamestown	Atkinson_Tom		
	Substation	BY	124	2023-12-30T05:24:38	2023-12-30T05:47:27	0:22:49	Jamestown	Atkinson_Tom		
	Substation	BY	124	2023-07-21T16:06:14	2023-07-21T16:06:22	0:00:08	Jamestown	Atkinson_Tom		

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service						Cause	Notes
				Outage Start	Outage End	Duration	Center	Region			
	Substation	BY	124	2023-08-31T08:03:30	2023-08-31T08:03:40	0:00:10	Jamestown	Atkinson_Tom			
	Substation	BY	124	2023-09-12T11:40:00	2023-09-12T13:01:12	1:21:12	Jamestown	Atkinson_Tom			
	Substation	BY	124	2023-12-15T09:00:51	2023-12-15T11:30:03	2:29:12	Jamestown	Atkinson_Tom			
	Substation	BRY	891	2023-07-24T09:51:18	2023-07-24T10:01:06	0:09:48	Rugby	Klein_Travis			
	Substation	BRY	892	2023-09-24T18:03:33	2023-09-24T18:04:37	0:01:04	Rugby	Klein_Travis			
	Substation	RBY	892	2023-06-22T01:13:08	2023-06-22T01:13:26	0:00:18	Rugby	Klein_Travis			
	Substation	BRY	892	2023-07-12T06:50:30	2023-07-12T06:50:48	0:00:18	Rugby	Klein_Travis			
	Substation	BYR	892	2023-07-12T06:56:15	2023-07-12T06:56:32	0:00:17	Rugby	Klein_Travis			
	Substation	RBY	1	2023-07-24T09:51:38	2023-07-24T10:01:14	0:09:36	Rugby	Rugby			
	Substation	RBY	1	2023-07-12T06:50:37	2023-07-12T06:50:55	0:00:18	Rugby	Rugby			
	Substation	RBY	1	2023-09-24T18:03:40	2023-09-24T18:03:56	0:00:16	Rugby	Rugby			
	Substation	RBY	1	2023-07-12T06:56:33	2023-07-12T06:56:40	0:00:07	Rugby	Rugby			
	Substation	RBY	1	2023-06-22T01:13:26	2023-06-22T01:13:33	0:00:07	Rugby	Rugby			
	Substation	BR	29	2023-06-24T16:44:20	2023-06-24T16:45:41	0:01:21	Wahpeton	Hovel_Loren			
	Substation	BR	29	2023-08-10T18:59:43	2023-08-10T18:59:54	0:00:11	Wahpeton	Hovel_Loren			
	Substation	BR	29	2023-09-29T07:16:03	2023-09-29T07:16:14	0:00:11	Wahpeton	Hovel_Loren			
	Substation	BR	29	2023-08-10T18:49:26	2023-08-10T18:49:36	0:00:10	Wahpeton	Hovel_Loren			
	Substation	BR	29	2023-08-10T18:40:46	2023-08-10T18:40:56	0:00:10	Wahpeton	Hovel_Loren			
	Substation	BR	29	2023-06-01T11:03:26	2023-06-01T11:03:34	0:00:08	Wahpeton	Hovel_Loren			
	Substation	Y	127	2023-06-16T13:23:51	2023-06-16T13:41:47	0:17:56	Rugby	Bartholomay_Seth			
	Substation	B	127	2023-06-16T11:19:03	2023-06-16T11:27:11	0:08:08	Rugby	Bartholomay_Seth			
	Substation	BRY	339	2023-08-31T00:23:46	2023-08-31T00:25:22	0:01:36	Rugby	Bartholomay_Seth			
	Substation	BRY	340	2023-06-15T11:12:39	2023-06-15T11:12:58	0:00:19	Rugby	Bartholomay_Seth			
	Substation	BRY	340	2023-08-23T04:02:36	2023-08-23T04:02:48	0:00:12	Rugby	Bartholomay_Seth			
	Substation	BRY	340	2023-06-28T16:33:35	2023-06-28T16:33:45	0:00:10	Rugby	Bartholomay_Seth			
	Substation	RBY	125	2023-01-18T15:46:25	2023-01-18T16:16:18	0:29:53	Rugby	Rath_Todd	Equip Fail Conductor	Broken conductor	
	Substation	RBY	125	2023-10-23T04:33:44	2023-10-23T04:50:21	0:16:37	Rugby	Rath_Todd			
	Substation	RBY	125	2023-02-10T11:50:44	2023-02-10T12:03:39	0:12:55	Rugby	Rath_Todd			
	Substation	RBY	125	2023-05-09T14:02:43	2023-05-09T14:08:27	0:05:44	Rugby	Rath_Todd			
	Substation	RBY	125	2023-06-28T05:12:50	2023-06-28T05:15:32	0:02:42	Rugby	Rath_Todd			
	Substation	RBY	125	2023-08-29T15:07:04	2023-08-29T15:07:11	0:00:07	Rugby	Rath_Todd			
	Substation	RBY	125	2023-06-12T11:59:29	2023-06-12T11:59:35	0:00:06	Rugby	Rath_Todd			
	Substation	RBY	125	2023-08-29T17:29:50	2023-08-29T17:29:56	0:00:06	Rugby	Rath_Todd			
	Substation	RBY	125	2023-04-11T14:47:29	2023-04-11T14:47:35	0:00:06	Rugby	Rath_Todd			
	Substation	RBY	125	2023-05-12T11:57:31	2023-05-12T11:57:36	0:00:05	Rugby	Rath_Todd			
	Substation	RBY	125	2023-08-04T15:35:56	2023-08-04T15:36:01	0:00:05	Rugby	Rath_Todd			
	Substation	RBY	125	2023-05-10T19:57:54	2023-05-10T19:57:59	0:00:05	Rugby	Rath_Todd			
	Substation	RBY	251	2023-09-12T16:17:40	2023-09-12T16:17:47	0:00:07	Jamestown	Baker_Grant			
	Substation	RBY	251	2023-12-26T18:07:54	2023-12-26T19:17:28	1:09:34	Jamestown	Baker_Grant			
	Substation	RBY	251	2023-12-27T14:44:55	2023-12-27T15:02:31	0:17:36	Jamestown	Baker_Grant			
	Substation	RBY	251	2023-12-27T15:05:01	2023-12-27T18:33:33	3:28:32	Jamestown	Baker_Grant			
	Substation	RBY	251	2023-05-05T06:38:19	2023-05-05T06:38:26	0:00:07	Jamestown	Baker_Grant			
	Substation	RBY	251	2023-05-10T02:58:06	2023-05-10T02:58:17	0:00:11	Jamestown	Baker_Grant			
	Substation	RBY	251	2023-05-22T10:55:03	2023-05-22T10:55:09	0:00:06	Jamestown	Baker_Grant			
	Substation	RBY	251	2023-07-11T23:50:57	2023-07-11T23:51:04	0:00:07	Jamestown	Baker_Grant			
	Substation	RBY	251	2023-09-25T20:15:42	2023-09-25T20:15:48	0:00:06	Jamestown	Baker_Grant			
	Substation	RBY	251	2023-12-26T12:16:01	2023-12-26T16:25:48	4:09:47	Jamestown	Baker_Grant			
	Substation	RBY	251	2023-12-27T11:22:22	2023-12-27T13:55:16	2:32:54	Jamestown	Baker_Grant			
	Substation	RBY	251	2023-12-28T04:18:41	2023-12-28T04:19:21	0:00:40	Jamestown	Baker_Grant			
	Substation	RBY	251	2023-12-28T10:34:12	2023-12-28T10:36:38	0:02:26	Jamestown	Baker_Grant			
	Substation	RBY	251	2023-12-28T10:54:02	2023-12-28T13:47:20	2:53:18	Jamestown	Baker_Grant			
	Substation	RBY	251	2023-06-24T08:12:13	2023-06-24T08:12:20	0:00:07	Jamestown	Baker_Grant			
	Substation	RBY	251	2023-12-25T21:57:58	2023-12-25T21:58:04	0:00:06	Jamestown	Baker_Grant			

Equipment ID	Equipment Type	Phase(s)	Customer Service				Cause	Notes		
			Customers	Outage Start	Outage End	Duration			Center	Region
	Substation	RBY	251	2023-12-27T14:26:39	2023-12-27T14:26:46	0:00:07	Jamestown	Baker_Grant		
	Substation	RBY	251	2023-05-22T10:19:41	2023-05-22T10:19:53	0:00:12	Jamestown	Baker_Grant		
	Substation	RBY	251	2023-07-12T11:27:59	2023-07-12T12:58:19	1:30:20	Jamestown	Baker_Grant		
	Substation	RBY	251	2023-07-22T19:42:25	2023-07-22T19:42:32	0:00:07	Jamestown	Baker_Grant		
	Substation	RBY	251	2023-07-22T20:04:23	2023-07-22T20:04:30	0:00:07	Jamestown	Baker_Grant		
	Substation	RBY	251	2023-07-22T18:03:16	2023-07-22T18:03:20	0:00:04	Jamestown	Baker_Grant		
	Substation	RBY	251	2023-07-22T19:56:31	2023-07-22T19:56:37	0:00:06	Jamestown	Baker_Grant		
	Substation	RBY	251	2023-09-21T00:26:26	2023-09-21T00:26:30	0:00:04	Jamestown	Baker_Grant		
	Substation	RBY	251	2023-12-26T02:22:15	2023-12-26T02:22:24	0:00:09	Jamestown	Baker_Grant		
	Substation	RBY	251	2023-12-26T19:18:04	2023-12-26T21:32:46	2:14:42	Jamestown	Baker_Grant		
	Substation	RBY	251	2023-12-27T09:58:39	2023-12-27T10:30:38	0:31:59	Jamestown	Baker_Grant		
	Substation	RY	126	2023-11-29T13:59:59	2023-11-29T15:39:49	1:39:50	Rugby	Bartholomay_Seth		
	Substation	RY	126	2023-06-02T18:10:18	2023-06-02T19:27:45	1:17:27	Rugby	Bartholomay_Seth		
	Substation	RY	126	2023-07-31T20:03:55	2023-07-31T20:04:56	0:01:01	Rugby	Bartholomay_Seth		
	Substation	BR	9	2023-03-13T21:59:50	2023-03-13T22:00:06	0:00:16	Devils_Lake	Chase_Scott		
	Substation	BR	9	2023-03-14T05:46:34	2023-03-14T05:47:10	0:00:36	Devils_Lake	Chase_Scott		
	Substation	BR	9	2023-03-14T08:12:50	2023-03-14T08:13:27	0:00:37	Devils_Lake	Chase_Scott		
	Substation	BR	9	2023-05-27T08:32:07	2023-05-27T08:32:26	0:00:19	Devils_Lake	Chase_Scott		
	Substation	BR	9	2023-01-20T01:02:56	2023-01-20T01:13:12	0:10:16	Devils_Lake	Chase_Scott	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BR	9	2023-07-02T06:08:32	2023-07-02T06:08:47	0:00:15	Devils_Lake	Chase_Scott		
	Substation	BR	9	2023-07-13T14:30:51	2023-07-13T14:31:07	0:00:16	Devils_Lake	Chase_Scott		
	Substation	BR	9	2023-07-13T14:48:37	2023-07-13T14:48:54	0:00:17	Devils_Lake	Chase_Scott		
	Substation	BR	9	2023-03-14T08:14:36	2023-03-14T08:15:39	0:01:03	Devils_Lake	Chase_Scott		
	Substation	BR	9	2023-09-07T15:18:13	2023-09-07T15:18:29	0:00:16	Devils_Lake	Chase_Scott		
	Substation	BR	9	2023-03-14T06:10:20	2023-03-14T06:10:36	0:00:16	Devils_Lake	Chase_Scott		
	Substation	BR	9	2023-03-14T08:02:31	2023-03-14T08:02:47	0:00:16	Devils_Lake	Chase_Scott		
	Substation	BR	9	2023-03-14T08:10:02	2023-03-14T08:10:38	0:00:36	Devils_Lake	Chase_Scott		
	Substation	BR	9	2023-03-14T06:12:02	2023-03-14T06:12:17	0:00:15	Devils_Lake	Chase_Scott		
	Substation	BR	9	2023-08-03T23:15:30	2023-08-03T23:15:46	0:00:16	Devils_Lake	Chase_Scott		
	Substation	RBY	72	2023-08-10T01:17:59	2023-08-10T01:23:31	0:05:32	Rugby	Peterson_Paul		
	Substation	RBY	72	2023-07-02T00:02:21	2023-07-02T00:02:28	0:00:07	Rugby	Peterson_Paul		
	Substation	R	23	2023-10-16T13:05:55	2023-10-16T13:10:48	0:04:53	Devils_Lake	Ramberg_Jason		
	Substation	R	23	2023-11-29T08:59:59	2023-11-29T09:07:18	0:07:19	Devils_Lake	Ramberg_Jason		
	Substation	R	23	2023-11-29T08:58:08	2023-11-29T08:58:53	0:00:45	Devils_Lake	Ramberg_Jason		
	Substation	R	23	2023-11-29T09:14:46	2023-12-12T13:33:42	#####	Devils_Lake	Ramberg_Jason	Itron meter failure	RDJ 12/15/23
	Substation	BRY	51	2023-01-24T18:06:38	2023-01-24T18:38:31	0:31:53	Devils_Lake	Ramberg_Jason		
	Substation	R	23	2023-11-16T13:01:57	2023-11-22T09:07:41	#####	Devils_Lake	Ramberg_Jason	Itron meter failure	RDJ 11/27/23
	Substation	R	23	2023-11-29T08:50:09	2023-11-29T08:55:32	0:05:23	Devils_Lake	Ramberg_Jason		
	Substation	BY	32	2023-01-24T18:39:04	2023-01-24T18:39:46	0:00:42	Devils_Lake	Ramberg_Jason		
	Substation	R	23	2023-11-07T11:30:39	2023-11-07T11:40:37	0:09:58	Devils_Lake	Ramberg_Jason		
	Substation	R	23	2023-10-16T13:14:27	2023-10-16T13:15:15	0:00:48	Devils_Lake	Ramberg_Jason		
	Substation	BY	33	2023-01-24T18:00:17	2023-01-24T18:01:26	0:01:09	Devils_Lake	Ramberg_Jason		
	Substation	BY	33	2023-07-18T15:35:39	2023-07-18T15:35:51	0:00:12	Devils_Lake	Ramberg_Jason		
	Substation	BRY	51	2023-01-24T18:41:35	2023-01-24T19:31:06	0:49:31	Devils_Lake	Ramberg_Jason		
	Substation	Y	14	2023-01-24T15:59:51	2023-01-24T15:59:55	0:00:04	Devils_Lake	Ramberg_Jason		
	Substation	BY	33	2023-04-27T21:21:43	2023-04-27T21:21:52	0:00:09	Devils_Lake	Ramberg_Jason		
	Substation	BRY	52	2023-01-20T07:00:47	2023-01-20T07:01:07	0:00:20	Devils_Lake	Ramberg_Jason	Weather	Dense Fog and Heavy Frost on Lines
	Substation	R	23	2023-11-07T08:23:11	2023-11-07T08:30:49	0:07:38	Devils_Lake	Ramberg_Jason		
	Substation	BY	33	2023-01-24T15:58:43	2023-01-24T15:59:06	0:00:23	Devils_Lake	Ramberg_Jason		
	Substation	BRY	51	2023-01-24T16:00:13	2023-01-24T17:30:53	1:30:40	Devils_Lake	Ramberg_Jason		
	Feeder	RBY	429	2023-07-11T12:38:49	2023-07-11T12:38:55	0:00:06	Wahpeton	Hovel_Loren		
	Substation	RBY	15	2023-10-03T19:33:24	2023-10-03T19:33:31	0:00:07	Wahpeton	Hovel_Loren		

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service						
				Outage Start	Outage End	Duration	Center	Region	Cause	Notes
	Substation	RBY	15	2023-07-28T14:25:11	2023-07-28T14:25:18	0:00:07	Wahpeton	Hovel_Loren		
	Substation	RBY	15	2023-09-29T07:55:03	2023-09-29T07:55:10	0:00:07	Wahpeton	Hovel_Loren		
	Substation	RY	65	2023-08-01T16:33:20	2023-08-01T16:33:27	0:00:07	Jamestown	Midstokke_Ryne		
	Substation	BRY	116	2023-04-19T07:30:23	2023-04-19T07:31:10	0:00:47	Jamestown	Midstokke_Ryne		
	Substation	BRY	117	2023-09-05T04:16:12	2023-09-05T04:16:34	0:00:22	Jamestown	Midstokke_Ryne		
	Substation	B	52	2023-05-23T18:11:21	2023-05-23T18:11:29	0:00:08	Jamestown	Midstokke_Ryne		
	Substation	RY	65	2023-05-23T18:11:05	2023-05-23T18:11:15	0:00:10	Jamestown	Midstokke_Ryne		
	Substation	BRY	117	2023-07-08T16:31:00	2023-07-08T16:35:11	0:04:11	Jamestown	Midstokke_Ryne		
	Substation	B	52	2023-05-23T18:28:45	2023-05-23T18:28:54	0:00:09	Jamestown	Midstokke_Ryne		
	Substation	RY	64	2023-05-23T18:28:30	2023-05-23T18:28:41	0:00:11	Jamestown	Midstokke_Ryne		
	Substation	BRY	117	2023-04-12T08:28:12	2023-04-12T08:28:36	0:00:24	Jamestown	Midstokke_Ryne		
	Substation	B	52	2023-08-01T16:33:35	2023-08-01T16:33:39	0:00:04	Jamestown	Midstokke_Ryne		
	Feeder	BRY	543	2023-08-10T01:18:04	2023-08-10T01:23:44	0:05:40	Rugby	Voeller_Dave		
	Feeder	BR	481	2023-05-08T00:00:10	2023-05-08T00:00:15	0:00:05	Rugby	Voeller_Dave		
	Feeder	Y	62	2023-05-08T00:00:17	2023-05-08T00:00:21	0:00:04	Rugby	Voeller_Dave		
	Feeder	RBY	529	2023-08-10T01:18:03	2023-08-10T01:23:35	0:05:32	Rugby	Voeller_Dave		
	Feeder	RBY	529	2023-01-26T15:13:19	2023-01-26T15:13:30	0:00:11	Rugby	Voeller_Dave		
	Feeder	RBY	529	2023-06-22T06:21:39	2023-06-22T06:21:46	0:00:07	Rugby	Voeller_Dave		
	Substation	BRY	69	2023-04-19T03:11:04	2023-04-19T05:21:11	2:10:07	Wahpeton	Groesgebauer_John		
	Substation	RBY	69	2023-07-26T21:47:24	2023-07-26T22:51:50	1:04:26	Wahpeton	Groesgebauer_John		
	Substation	BRY	69	2023-07-26T21:45:14	2023-07-26T21:45:51	0:00:37	Wahpeton	Groesgebauer_John		
	Substation	BRY	69	2023-06-24T03:46:28	2023-06-24T03:46:48	0:00:20	Wahpeton	Groesgebauer_John		
	Substation	BRY	69	2023-07-15T04:26:28	2023-07-15T04:26:48	0:00:20	Wahpeton	Groesgebauer_John		
	Substation	RBY	69	2023-04-13T21:51:48	2023-04-13T21:52:04	0:00:16	Wahpeton	Groesgebauer_John		
	Substation	BRY	69	2023-07-10T22:18:51	2023-07-10T22:19:07	0:00:16	Wahpeton	Groesgebauer_John		
	Substation	R	8	2023-01-04T03:11:11	2023-01-04T03:12:21	0:01:10	Jamestown	Hoggarth_Tyler	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.
	Substation	R	8	2023-09-08T14:01:45	2023-09-08T14:02:20	0:00:35	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-09-12T11:21:28	2023-09-12T11:21:53	0:00:25	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-01-04T03:18:55	2023-01-04T03:19:01	0:00:06	Jamestown	Hoggarth_Tyler	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.
	Substation	R	8	2023-01-04T03:53:26	2023-01-04T04:37:57	0:44:31	Jamestown	Hoggarth_Tyler	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.
	Substation	R	8	2023-07-02T05:36:43	2023-07-02T05:36:51	0:00:08	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-09-22T13:48:11	2023-09-22T13:48:27	0:00:16	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-12-27T14:35:11	2023-12-27T20:16:26	5:41:15	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-07-30T23:04:25	2023-07-30T23:04:33	0:00:08	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-08-29T15:07:16	2023-08-29T15:07:23	0:00:07	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-09-04T22:00:01	2023-09-04T22:00:18	0:00:17	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-09-21T04:21:47	2023-09-21T04:21:52	0:00:05	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-09-21T17:20:19	2023-09-21T17:20:32	0:00:13	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-06-12T11:59:40	2023-06-12T11:59:47	0:00:07	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-09-21T02:35:39	2023-09-21T02:35:44	0:00:05	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-09-23T11:17:26	2023-09-23T11:17:38	0:00:12	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-02-22T16:25:15	2023-02-22T16:25:43	0:00:28	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-06-07T17:35:24	2023-06-07T18:01:50	0:26:26	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-07-02T04:50:20	2023-07-02T04:50:29	0:00:09	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-07-02T05:04:55	2023-07-02T05:05:03	0:00:08	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-09-21T05:57:00	2023-09-21T05:57:07	0:00:07	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-06-09T00:54:52	2023-06-09T00:55:11	0:00:19	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-06-18T00:07:45	2023-06-18T00:07:55	0:00:10	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-07-02T05:39:41	2023-07-02T05:39:48	0:00:07	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-07-02T05:44:14	2023-07-02T05:44:22	0:00:08	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-07-18T20:30:03	2023-07-18T20:30:13	0:00:10	Jamestown	Hoggarth_Tyler		

Equipment ID	Equipment Type	Phase(s)	Customer Service				Cause	Notes		
			Customers	Outage Start	Outage End	Duration			Center	Region
	Substation	R	8	2023-09-01T17:40:47	2023-09-01T17:40:56	0:00:09	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-05-10T19:58:04	2023-05-10T19:58:11	0:00:07	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-08-29T17:30:01	2023-08-29T17:30:08	0:00:07	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-12-26T18:07:59	2023-12-26T19:07:35	0:59:36	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-12-27T00:28:29	2023-12-27T00:32:07	0:03:38	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-10-16T11:29:35	2023-10-16T11:29:42	0:00:07	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-10-18T18:11:50	2023-10-18T18:11:56	0:00:06	Jamestown	Hoggarth_Tyler		
	Substation	R	8	2023-12-20T09:02:54	2023-12-20T09:03:00	0:00:06	Jamestown	Hoggarth_Tyler		
	Substation	RBV	1	2023-04-25T09:58:42	2023-04-25T11:23:20	1:24:38	Wahpeton	Morrison_Ray		
	Substation	RBV	1	2023-05-02T16:36:48	2023-05-02T17:45:07	1:08:19	Wahpeton	Morrison_Ray		
	Substation	RBV	1	2023-07-04T15:49:31	2023-07-04T16:06:22	0:16:51	Wahpeton	Morrison_Ray		
	Substation	RBV	1	2023-05-31T23:24:21	2023-05-31T23:28:25	0:04:04	Wahpeton	Morrison_Ray		
	Substation	RBV	1	2023-07-11T23:51:27	2023-07-11T23:54:27	0:03:00	Wahpeton	Morrison_Ray		
	Substation	RBV	1	2023-05-02T18:38:45	2023-05-02T18:39:50	0:01:05	Wahpeton	Morrison_Ray		
	Substation	RBV	1	2023-05-31T23:36:40	2023-05-31T23:37:00	0:00:20	Wahpeton	Morrison_Ray		
	Substation	RBV	1	2023-05-31T23:33:14	2023-05-31T23:33:29	0:00:15	Wahpeton	Morrison_Ray		
	Substation	RBV	1	2023-12-27T11:30:56	2023-12-27T11:31:11	0:00:15	Wahpeton	Morrison_Ray		
	Substation	RBV	1	2023-07-12T22:22:00	2023-07-12T22:22:13	0:00:13	Wahpeton	Morrison_Ray		
	Substation	RBV	1	2023-12-27T14:22:34	2023-12-27T14:22:41	0:00:07	Wahpeton	Morrison_Ray		
	Substation	RBV	1	2023-12-27T16:11:25	2023-12-27T16:11:31	0:00:06	Wahpeton	Morrison_Ray		
	Substation	RBV	1	2023-05-31T23:31:45	2023-05-31T23:31:50	0:00:05	Wahpeton	Morrison_Ray		
	Substation	RBV	1	2023-06-04T11:39:07	2023-06-04T11:39:09	0:00:02	Wahpeton	Morrison_Ray		
	Substation	RBV	89	2023-08-15T10:27:33	2023-08-15T12:34:29	2:06:56	Rugby	Rath_Todd		
	Substation	RBV	89	2023-01-18T15:46:30	2023-01-18T16:16:22	0:29:52	Rugby	Rath_Todd	Equip Fail	Broken conductor
	Substation	RBV	89	2023-06-03T01:38:37	2023-06-03T01:48:41	0:10:04	Rugby	Rath_Todd	Conductor	
	Substation	RBV	89	2023-05-09T14:02:58	2023-05-09T14:08:42	0:05:44	Rugby	Rath_Todd		
	Substation	RBV	89	2023-06-28T05:13:03	2023-06-28T05:15:47	0:02:44	Rugby	Rath_Todd		
	Substation	RBV	89	2023-05-10T19:57:54	2023-05-10T19:58:14	0:00:20	Rugby	Rath_Todd		
	Substation	RBV	89	2023-05-12T11:57:41	2023-05-12T11:57:51	0:00:10	Rugby	Rath_Todd		
	Substation	RBV	89	2023-08-29T17:30:05	2023-08-29T17:30:11	0:00:06	Rugby	Rath_Todd		
	Substation	RBV	89	2023-06-12T11:59:44	2023-06-12T11:59:50	0:00:06	Rugby	Rath_Todd		
	Substation	RBV	89	2023-08-29T15:07:20	2023-08-29T15:07:26	0:00:06	Rugby	Rath_Todd		
	Substation	RBV	89	2023-08-04T15:36:11	2023-08-04T15:36:16	0:00:05	Rugby	Rath_Todd		
	Substation	RBV	89	2023-04-11T14:47:46	2023-04-11T14:47:50	0:00:04	Rugby	Rath_Todd		
	Feeder	RBV	351	2023-06-07T17:35:46	2023-06-07T18:44:28	1:08:42	Jamestown	Heilman_Rod		
	Feeder	RBV	351	2023-06-09T00:56:03	2023-06-09T00:56:39	0:00:36	Jamestown	Heilman_Rod		
	Feeder	RBV	351	2023-12-27T06:34:56	2023-12-27T06:35:22	0:00:26	Jamestown	Heilman_Rod		
	Feeder	RBV	351	2023-12-30T03:02:58	2023-12-30T05:12:30	2:09:32	Jamestown	Heilman_Rod		
	Feeder	RBV	351	2023-12-09T00:51:22	2023-12-09T00:51:48	0:00:26	Jamestown	Heilman_Rod		
	Feeder	RBV	351	2023-12-30T05:15:03	2023-12-30T06:42:14	1:27:11	Jamestown	Heilman_Rod		
	Feeder	RBV	351	2023-12-08T19:53:03	2023-12-08T19:53:11	0:00:08	Jamestown	Heilman_Rod		
	Feeder	RBV	351	2023-06-30T07:49:16	2023-06-30T07:49:22	0:00:06	Jamestown	Heilman_Rod		
	Feeder	RBV	351	2023-12-08T20:39:49	2023-12-08T20:39:55	0:00:06	Jamestown	Heilman_Rod		
	Feeder	RBV	351	2023-12-08T21:46:38	2023-12-08T21:47:07	0:00:29	Jamestown	Heilman_Rod		
	Feeder	RBV	351	2023-06-06T07:15:03	2023-06-06T07:15:10	0:00:07	Jamestown	Heilman_Rod		
	Feeder	RBV	351	2023-12-28T04:14:43	2023-12-28T04:15:22	0:00:39	Jamestown	Heilman_Rod		
	Feeder	RBV	351	2023-12-08T20:54:52	2023-12-08T20:54:59	0:00:07	Jamestown	Heilman_Rod		
	Feeder	RBV	351	2023-12-26T18:08:00	2023-12-26T19:38:27	1:30:27	Jamestown	Heilman_Rod		
	Feeder	RBV	351	2023-12-30T05:13:08	2023-12-30T05:14:19	0:01:11	Jamestown	Heilman_Rod		
	Feeder	BYR	572	2023-06-07T17:35:43	2023-06-07T18:44:27	1:08:44	Jamestown	Heilman_Rod		
	Feeder	RBV	572	2023-06-09T00:56:03	2023-06-09T00:56:38	0:00:35	Jamestown	Heilman_Rod		
	Feeder	BYR	572	2023-12-26T18:07:57	2023-12-26T19:38:26	1:30:29	Jamestown	Heilman_Rod		
	Feeder	BYR	572	2023-12-27T05:45:47	2023-12-27T05:45:55	0:00:08	Jamestown	Heilman_Rod		

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service						
				Outage Start	Outage End	Duration	Center	Region	Cause	Notes
Feeder	BYR		572	2023-12-27T05:51:20	2023-12-27T08:29:55	2:38:35	Jamestown	Heilman_Rod		
Feeder	BYR		572	2023-12-27T05:50:09	2023-12-27T05:50:18	0:00:09	Jamestown	Heilman_Rod		
Feeder	BYR		572	2023-12-28T04:14:42	2023-12-28T04:15:19	0:00:37	Jamestown	Heilman_Rod		
Feeder	BYR		572	2023-12-27T04:00:44	2023-12-27T05:29:13	1:28:29	Jamestown	Heilman_Rod		
Feeder	RBY		610	2023-12-28T04:14:42	2023-12-28T04:15:10	0:00:28	Jamestown	Heilman_Rod		
Feeder	RBY		610	2023-12-26T18:07:51	2023-12-26T19:38:15	1:30:24	Jamestown	Heilman_Rod		
Feeder	RBY		610	2023-06-07T17:35:35	2023-06-07T18:44:17	1:08:42	Jamestown	Heilman_Rod		
Feeder	RBY		610	2023-06-24T03:47:04	2023-06-24T06:49:19	3:02:15	Jamestown	Heilman_Rod		
Feeder	RBY		610	2023-08-06T06:19:38	2023-08-06T06:19:45	0:00:07	Jamestown	Heilman_Rod		
Feeder	RBY		610	2023-06-09T00:56:03	2023-06-09T00:56:28	0:00:25	Jamestown	Heilman_Rod		
Feeder	RBY		1416	2023-01-26T16:34:05	2023-01-26T16:34:15	0:00:10	Jamestown	Heilman_Rod		
Feeder	RBY		1416	2023-01-27T01:20:29	2023-01-27T01:20:35	0:00:06	Jamestown	Heilman_Rod		
Feeder	RBY		1416	2023-06-07T17:35:45	2023-06-07T18:44:28	1:08:43	Jamestown	Heilman_Rod		
Feeder	RBY		1416	2023-06-09T00:56:03	2023-06-09T00:56:39	0:00:36	Jamestown	Heilman_Rod		
Feeder	RBY		1416	2023-10-04T11:18:52	2023-10-04T11:18:58	0:00:06	Jamestown	Heilman_Rod		
Feeder	RBY		1416	2023-09-19T23:43:23	2023-09-19T23:43:31	0:00:08	Jamestown	Heilman_Rod		
Feeder	RBY		1416	2023-12-26T18:08:00	2023-12-26T19:31:22	1:23:22	Jamestown	Heilman_Rod		
Feeder	RBY		1416	2023-12-27T05:32:54	2023-12-27T05:33:05	0:00:11	Jamestown	Heilman_Rod		
Feeder	RBY		1416	2023-12-27T13:05:13	2023-12-27T13:36:38	0:31:25	Jamestown	Heilman_Rod		
Feeder	RBY		1416	2023-01-27T00:30:44	2023-01-27T00:30:52	0:00:08	Jamestown	Heilman_Rod		
Feeder	RBY		1416	2023-08-06T11:09:49	2023-08-06T11:09:55	0:00:06	Jamestown	Heilman_Rod		
Feeder	RBY		1416	2023-01-26T18:10:43	2023-01-26T18:27:57	0:17:14	Jamestown	Heilman_Rod		
Feeder	RBY		1416	2023-12-27T08:50:16	2023-12-27T11:05:25	2:15:09	Jamestown	Heilman_Rod		
Feeder	RBY		1416	2023-01-27T00:34:18	2023-01-27T00:34:24	0:00:06	Jamestown	Heilman_Rod		
Feeder	RBY		1416	2023-07-05T19:25:17	2023-07-05T19:25:23	0:00:06	Jamestown	Heilman_Rod		
Feeder	RBY		1416	2023-08-25T12:48:15	2023-08-25T12:48:21	0:00:06	Jamestown	Heilman_Rod		
Feeder	RBY		1416	2023-12-27T06:04:47	2023-12-27T06:04:54	0:00:07	Jamestown	Heilman_Rod		
Feeder	RBY		1416	2023-12-28T04:14:53	2023-12-28T04:15:23	0:00:30	Jamestown	Heilman_Rod		
Feeder	RBY		1416	2023-08-27T07:20:06	2023-08-27T07:20:16	0:00:10	Jamestown	Heilman_Rod		
Feeder	RBY		1416	2023-07-05T21:11:14	2023-07-05T21:11:21	0:00:07	Jamestown	Heilman_Rod		
Feeder	RBY		1416	2023-05-28T08:32:20	2023-05-28T08:32:27	0:00:07	Jamestown	Heilman_Rod		
Feeder	RBY		1416	2023-06-20T14:37:00	2023-06-20T14:37:05	0:00:05	Jamestown	Heilman_Rod		
Substation	BRY		787	2023-06-07T17:35:35	2023-06-07T18:44:32	1:08:57	Jamestown	Heilman_Rod		
Substation	BRY		787	2023-12-26T18:07:49	2023-12-26T19:31:26	1:23:37	Jamestown	Heilman_Rod		
Substation	BRY		787	2023-12-28T04:14:42	2023-12-28T04:15:21	0:00:39	Jamestown	Heilman_Rod		
Substation	BRY		787	2023-06-09T00:56:03	2023-06-09T00:56:42	0:00:39	Jamestown	Heilman_Rod		
Feeder	R		264	2023-09-17T16:32:35	2023-09-17T18:25:59	1:53:24	Jamestown	Heilman_Rod		
Feeder	R		264	2023-08-30T11:32:25	2023-08-30T12:16:56	0:44:31	Jamestown	Heilman_Rod		
Substation	RBY		2535	2023-03-03T13:50:25	2023-03-03T14:42:38	0:52:13	Jamestown	Heilman_Rod		
Substation	RBY		2535	2023-12-26T18:07:51	2023-12-26T19:03:53	0:56:02	Jamestown	Heilman_Rod		
Substation	RBY		2535	2023-06-09T00:56:03	2023-06-09T00:56:36	0:00:33	Jamestown	Heilman_Rod		
Substation	RBY		2535	2023-12-26T19:05:43	2023-12-26T19:14:18	0:08:35	Jamestown	Heilman_Rod		
Substation	RBY		2535	2023-12-28T04:18:38	2023-12-28T04:19:15	0:00:37	Jamestown	Heilman_Rod		
Substation	RBY		2535	2023-06-07T17:35:37	2023-06-07T18:44:25	1:08:48	Jamestown	Heilman_Rod		
Feeder	RBY		1419	2023-12-26T16:29:40	2023-12-26T18:01:35	1:31:55	Jamestown	Heilman_Rod		
Feeder	RBY		1419	2023-12-27T18:42:17	2023-12-27T18:42:37	0:00:20	Jamestown	Heilman_Rod		
Feeder	RBY		1420	2023-12-30T02:03:57	2023-12-30T02:05:07	0:01:10	Jamestown	Heilman_Rod		
Feeder	RBY		1419	2023-12-26T16:24:51	2023-12-26T16:24:58	0:00:07	Jamestown	Heilman_Rod		
Feeder	RBY		1419	2023-12-30T11:39:18	2023-12-30T12:13:54	0:34:36	Jamestown	Heilman_Rod		
Feeder	RBY		1419	2023-12-27T09:36:12	2023-12-27T09:36:23	0:00:11	Jamestown	Heilman_Rod		
Feeder	RBY		1116	2023-12-26T15:24:38	2023-12-26T15:25:18	0:00:40	Jamestown	Heilman_Rod		
Feeder	RBY		1116	2023-07-02T06:09:08	2023-07-02T06:09:15	0:00:07	Jamestown	Heilman_Rod		
Feeder	RBY		1116	2023-12-06T10:15:03	2023-12-06T10:15:10	0:00:07	Jamestown	Heilman_Rod		
Substation	RBY		1	2023-12-26T18:08:06	2023-12-28T04:14:25	34:06:19	Jamestown	Jamestown		

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service						
				Outage Start	Outage End	Duration	Center	Region	Cause	Notes
	Substation	RBY	1	2023-06-09T00:56:01	2023-06-09T00:56:25	0:00:24	Jamestown	Jamestown		
	Substation	RBY	1	2023-06-07T17:35:32	2023-06-07T18:44:14	1:08:42	Jamestown	Jamestown		
	Substation	RBY	1	2023-08-12T21:51:51	2023-08-12T21:52:00	0:00:09	Jamestown	Jamestown		
	Substation	Y	14	2023-12-27T15:05:12	2023-12-27T16:22:52	1:17:40	Jamestown	Bruner_Brent		
	Substation	RY	38	2023-09-23T17:31:51	2023-09-23T17:32:15	0:00:24	Jamestown	Bruner_Brent		
	Substation	RY	38	2023-12-26T06:38:04	2023-12-26T11:32:49	4:54:45	Jamestown	Bruner_Brent		
	Substation	RY	38	2023-12-28T10:53:42	2023-12-28T11:01:16	0:07:34	Jamestown	Bruner_Brent		
	Substation	Y	15	2023-07-21T22:22:02	2023-07-21T22:22:08	0:00:06	Jamestown	Bruner_Brent		
	Substation	Y	15	2023-12-26T14:24:07	2023-12-27T14:09:50	23:45:43	Jamestown	Bruner_Brent		
	Substation	RY	38	2023-04-14T11:20:26	2023-04-14T11:21:21	0:00:55	Jamestown	Bruner_Brent		
	Substation	RY	37	2023-06-09T00:55:59	2023-06-09T00:56:40	0:00:41	Jamestown	Bruner_Brent		
	Substation	RY	38	2023-07-02T06:08:03	2023-07-02T06:08:24	0:00:21	Jamestown	Bruner_Brent		
	Substation	RY	38	2023-09-07T10:05:30	2023-09-07T10:05:55	0:00:25	Jamestown	Bruner_Brent		
	Substation	RY	38	2023-12-28T04:18:39	2023-12-28T04:19:22	0:00:43	Jamestown	Bruner_Brent		
	Substation	RY	38	2023-06-07T17:35:30	2023-06-07T18:22:32	0:47:02	Jamestown	Bruner_Brent		
	Substation	RBY	1528	2023-06-07T17:35:41	2023-06-07T18:46:58	1:11:17	Jamestown	Heilman_Rod		
	Substation	RBY	1528	2023-07-21T22:18:18	2023-07-21T22:18:32	0:00:14	Jamestown	Heilman_Rod		
	Substation	RBY	1528	2023-08-08T19:10:36	2023-08-08T19:12:41	0:02:05	Jamestown	Heilman_Rod		
	Substation	RBY	1528	2023-06-09T00:56:02	2023-06-09T00:56:41	0:00:39	Jamestown	Heilman_Rod		
	Substation	RBY	1528	2023-12-28T04:14:42	2023-12-28T04:15:22	0:00:40	Jamestown	Heilman_Rod		
	Substation	RBY	1528	2023-12-26T18:07:59	2023-12-26T20:16:11	2:08:12	Jamestown	Heilman_Rod		
	Feeder	Y	242	2023-06-05T19:51:10	2023-06-05T21:01:26	1:10:16	Jamestown	Heilman_Rod		
	Feeder	RBY	639	2023-12-27T12:02:19	2023-12-27T12:02:29	0:00:10	Jamestown	Heilman_Rod		
	Feeder	RBY	639	2023-07-02T06:09:11	2023-07-02T06:09:18	0:00:07	Jamestown	Heilman_Rod		
	Feeder	RBY	639	2023-12-26T16:56:41	2023-12-26T16:56:53	0:00:12	Jamestown	Heilman_Rod		
	Feeder	RBY	465	2023-04-27T09:53:30	2023-04-27T10:32:42	0:39:12	Jamestown	Heilman_Rod		
	Substation	R	35	2023-12-28T13:52:18	2023-12-28T22:32:28	8:40:10	Jamestown	Powers_Steve		
	Substation	RY	55	2023-04-19T17:09:49	2023-04-19T17:10:21	0:00:32	Jamestown	Powers_Steve		
	Substation	RY	55	2023-04-24T19:36:05	2023-04-24T19:36:12	0:00:07	Jamestown	Powers_Steve		
	Substation	RY	55	2023-06-01T19:09:53	2023-06-01T19:10:01	0:00:08	Jamestown	Powers_Steve		
	Substation	RY	54	2023-07-02T06:08:09	2023-07-02T06:08:23	0:00:14	Jamestown	Powers_Steve		
	Substation	RY	55	2023-04-25T01:25:16	2023-04-25T01:25:25	0:00:09	Jamestown	Powers_Steve		
	Substation	RY	55	2023-04-19T16:22:49	2023-04-19T16:22:55	0:00:06	Jamestown	Powers_Steve		
	Substation	RY	55	2023-09-23T17:32:06	2023-09-23T17:32:13	0:00:07	Jamestown	Powers_Steve		
	Substation	RY	55	2023-06-09T00:56:03	2023-06-09T00:56:39	0:00:36	Jamestown	Powers_Steve		
	Substation	RY	55	2023-12-26T08:26:40	2023-12-26T08:26:53	0:00:13	Jamestown	Powers_Steve		
	Substation	R	35	2023-10-20T14:59:12	2023-10-20T14:59:32	0:00:20	Jamestown	Powers_Steve		
	Substation	RY	55	2023-06-12T14:48:25	2023-06-12T15:16:22	0:27:57	Jamestown	Powers_Steve		
	Substation	R	120	2023-12-26T08:39:29	2023-12-29T16:31:24	79:51:55	Jamestown	Powers_Steve		
	Substation	Y	0	2023-12-26T08:39:29	2023-12-29T16:31:26	79:51:57	Jamestown	Powers_Steve		
	Substation	RY	55	2023-04-14T11:20:26	2023-04-14T11:21:21	0:00:55	Jamestown	Powers_Steve		
	Substation	RY	55	2023-06-07T17:35:45	2023-06-07T18:51:04	1:15:19	Jamestown	Powers_Steve		
	Substation	RY	55	2023-12-05T07:53:56	2023-12-05T10:26:27	2:32:31	Jamestown	Powers_Steve		
	Substation	RY	55	2023-07-26T21:39:32	2023-07-26T21:39:38	0:00:06	Jamestown	Powers_Steve		
	Substation	RY	55	2023-09-07T10:05:35	2023-09-07T10:05:53	0:00:18	Jamestown	Powers_Steve		
	Substation	RY	55	2023-12-05T10:30:09	2023-12-05T10:35:40	0:05:31	Jamestown	Powers_Steve		
	Substation	RBY	122	2023-09-05T15:22:56	2023-09-05T15:23:03	0:00:07	Rugby	Dillow_James		
	Substation	RBY	122	2023-06-28T15:18:44	2023-06-28T15:18:48	0:00:04	Rugby	Dillow_James		
	Substation	RBY	166	2023-05-10T19:58:09	2023-05-10T19:58:16	0:00:07	Jamestown	Bruner_Brent		
	Substation	RBY	166	2023-07-02T05:39:45	2023-07-02T05:39:51	0:00:06	Jamestown	Bruner_Brent		
	Substation	RBY	166	2023-09-21T02:35:28	2023-09-21T02:35:47	0:00:19	Jamestown	Bruner_Brent		
	Substation	RBY	166	2023-09-23T11:17:26	2023-09-23T11:17:41	0:00:15	Jamestown	Bruner_Brent		
	Substation	RBY	166	2023-12-27T00:28:33	2023-12-27T00:32:10	0:03:37	Jamestown	Bruner_Brent		
	Substation	RBY	166	2023-12-28T14:26:39	2023-12-28T14:26:43	0:00:04	Jamestown	Bruner_Brent		

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service							Cause	Notes
				Outage Start	Outage End	Duration	Center	Region				
	Substation	RBY	166	2023-07-30T23:04:28	2023-07-30T23:04:36	0:00:08	Jamestown	Bruner_Brent				
	Substation	RBY	166	2023-09-22T13:48:11	2023-09-22T13:48:30	0:00:19	Jamestown	Bruner_Brent				
	Substation	RBY	166	2023-11-17T08:41:18	2023-11-17T09:05:02	0:23:44	Jamestown	Bruner_Brent				
	Substation	RBY	166	2023-06-09T00:54:48	2023-06-09T00:54:55	0:00:07	Jamestown	Bruner_Brent				
	Substation	RBY	166	2023-06-18T00:07:53	2023-06-18T00:07:59	0:00:06	Jamestown	Bruner_Brent				
	Substation	RBY	166	2023-11-14T06:53:10	2023-11-14T06:53:16	0:00:06	Jamestown	Bruner_Brent				
	Substation	RBY	166	2023-01-04T11:36:26	2023-01-04T12:18:07	0:41:41	Jamestown	Bruner_Brent	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.		
	Substation	RBY	166	2023-09-21T04:21:51	2023-09-21T04:21:55	0:00:04	Jamestown	Bruner_Brent				
	Substation	RBY	166	2023-12-28T04:14:57	2023-12-28T04:15:32	0:00:35	Jamestown	Bruner_Brent				
	Substation	RBY	166	2023-01-04T03:11:17	2023-01-04T03:11:21	0:00:04	Jamestown	Bruner_Brent	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.		
	Substation	RBY	166	2023-06-09T09:02:18	2023-06-09T14:32:04	5:29:46	Jamestown	Bruner_Brent				
	Substation	RBY	166	2023-07-02T05:44:18	2023-07-02T05:44:25	0:00:07	Jamestown	Bruner_Brent				
	Substation	RBY	166	2023-12-26T18:08:04	2023-12-26T19:07:38	0:59:34	Jamestown	Bruner_Brent				
	Substation	RBY	166	2023-12-27T19:11:17	2023-12-27T20:10:20	0:59:03	Jamestown	Bruner_Brent				
	Substation	RBY	166	2023-09-21T05:57:05	2023-09-21T05:57:10	0:00:05	Jamestown	Bruner_Brent				
	Substation	RBY	166	2023-01-04T03:19:01	2023-01-04T03:19:07	0:00:06	Jamestown	Bruner_Brent	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.		
	Substation	RBY	166	2023-01-04T03:53:34	2023-01-04T05:11:19	1:17:45	Jamestown	Bruner_Brent	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.		
	Substation	RBY	166	2023-06-07T17:35:16	2023-06-07T18:44:35	1:09:19	Jamestown	Bruner_Brent				
	Substation	RBY	166	2023-07-02T05:36:36	2023-07-02T05:36:54	0:00:18	Jamestown	Bruner_Brent				
	Substation	RBY	166	2023-09-21T17:20:29	2023-09-21T17:20:36	0:00:07	Jamestown	Bruner_Brent				
	Substation	RBY	166	2023-12-20T09:02:57	2023-12-20T09:03:04	0:00:07	Jamestown	Bruner_Brent				
	Substation	RBY	166	2023-12-27T14:35:14	2023-12-27T19:08:48	4:33:34	Jamestown	Bruner_Brent				
	Substation	BRY	454	2023-12-25T16:30:01	2023-12-25T20:54:25	4:24:24	Wahpeton	Ogren_Dwight				
	Substation	BRY	453	2023-05-21T12:16:14	2023-05-21T14:21:10	2:04:56	Wahpeton	Ogren_Dwight				
	Substation	BRY	454	2023-03-31T07:30:54	2023-03-31T07:32:16	0:01:22	Wahpeton	Ogren_Dwight				
	Substation	BRY	454	2023-06-14T07:11:05	2023-06-14T07:11:24	0:00:19	Wahpeton	Ogren_Dwight				
	Substation	BRY	454	2023-05-14T09:39:03	2023-05-14T09:39:18	0:00:15	Wahpeton	Ogren_Dwight				
	Substation	BRY	454	2023-07-27T08:32:47	2023-07-27T08:33:01	0:00:14	Wahpeton	Ogren_Dwight				
	Substation	RBY	31	2023-09-07T15:18:11	2023-09-07T15:18:26	0:00:15	Devils_Lake	Foss_Jerry				
	Substation	RBY	31	2023-08-03T23:15:35	2023-08-03T23:15:43	0:00:08	Devils_Lake	Foss_Jerry				
	Substation	RBY	31	2023-01-20T01:03:03	2023-01-20T01:11:04	0:08:01	Devils_Lake	Foss_Jerry	Weather	Dense Fog and Heavy Frost on Lines		
	Substation	BRY	86	2023-08-31T02:44:02	2023-08-31T02:46:55	0:02:53	Rugby	Peterson_Paul				
	Substation	BRY	86	2023-07-02T00:46:22	2023-07-02T00:46:47	0:00:25	Rugby	Peterson_Paul				
	Substation	BRY	86	2023-07-02T00:44:24	2023-07-02T00:44:46	0:00:22	Rugby	Peterson_Paul				
	Feeder	BRY	43	2023-01-20T12:23:46	2023-01-20T13:49:13	1:25:27	Rugby	Peterson_Paul	Weather	Dense Fog and Heavy Frost on Lines		
	Feeder	Y	2	2023-03-03T11:25:32	2023-03-03T11:45:41	0:20:09	Rugby	Peterson_Paul				
	Feeder	BR	42	2023-01-20T13:58:38	2023-01-20T13:59:16	0:00:38	Rugby	Peterson_Paul	Weather	Dense Fog and Heavy Frost on Lines		
	Feeder	BR	42	2023-01-20T13:50:39	2023-01-20T13:50:51	0:00:12	Rugby	Peterson_Paul	Weather	Dense Fog and Heavy Frost on Lines		
	Feeder	RBY	35	2023-07-31T18:53:38	2023-07-31T19:46:53	0:53:15	Rugby	Derr_John				
	Feeder	BRY	144	2023-09-10T14:03:01	2023-09-10T16:38:07	2:35:06	Rugby	Derr_John				
	Substation	RBY	206	2023-04-28T10:50:59	2023-04-28T10:51:05	0:00:06	Devils_Lake	Eriksson_Lehmann_Gardner				
	Substation	RBY	206	2023-06-19T10:25:54	2023-06-19T10:26:04	0:00:10	Devils_Lake	Eriksson_Lehmann_Gardner				
	Substation	RBY	206	2023-08-20T14:40:08	2023-08-20T14:40:13	0:00:05	Devils_Lake	Eriksson_Lehmann_Gardner				
	Substation	RBY	206	2023-11-19T13:23:10	2023-11-19T13:23:19	0:00:09	Devils_Lake	Eriksson_Lehmann_Gardner				
	Substation	RBY	522	2023-12-26T02:22:14	2023-12-26T02:22:29	0:00:15	Jamestown	Baker_Grant				
	Substation	RBY	522	2023-12-28T10:33:55	2023-12-28T10:36:37	0:02:42	Jamestown	Baker_Grant				
	Substation	RBY	522	2023-12-27T14:44:51	2023-12-27T15:02:39	0:17:48	Jamestown	Baker_Grant				
	Substation	RBY	522	2023-12-28T10:53:45	2023-12-28T13:47:19	2:53:34	Jamestown	Baker_Grant				
	Substation	RBY	522	2023-12-25T21:57:59	2023-12-25T21:58:09	0:00:10	Jamestown	Baker_Grant				
	Substation	RBY	522	2023-12-26T12:16:04	2023-12-26T15:52:22	3:36:18	Jamestown	Baker_Grant				

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service						Cause	Notes
				Outage Start	Outage End	Duration	Center	Region			
	Substation	RBY	522	2023-12-27T15:05:00	2023-12-27T18:33:38	3:28:38	Jamestown	Baker_Grant			
	Substation	RBY	522	2023-12-28T04:18:37	2023-12-28T04:19:20	0:00:43	Jamestown	Baker_Grant			
	Substation	RBY	522	2023-07-11T23:50:58	2023-07-11T23:51:10	0:00:12	Jamestown	Baker_Grant			
	Substation	RBY	522	2023-09-25T20:15:43	2023-09-25T20:15:53	0:00:10	Jamestown	Baker_Grant			
	Substation	RBY	522	2023-12-26T18:07:53	2023-12-26T19:17:33	1:09:40	Jamestown	Baker_Grant			
	Feeder	RBY	431	2023-06-07T09:30:18	2023-06-07T09:44:33	0:14:15	Jamestown	Baker_Grant			
	Feeder	RBY	91	2023-10-24T07:06:40	2023-10-24T07:06:49	0:00:09	Jamestown	Baker_Grant			
	Feeder	RBY	91	2023-06-07T10:17:10	2023-06-07T10:30:46	0:13:36	Jamestown	Baker_Grant			
	Substation	BR	24	2023-07-20T07:12:41	2023-07-20T07:13:03	0:00:22	Rugby	Schell_Peary			
	Substation	BR	24	2023-08-31T02:06:10	2023-08-31T02:06:32	0:00:22	Rugby	Schell_Peary			
	Substation	BR	24	2023-10-02T12:24:12	2023-10-02T12:24:33	0:00:21	Rugby	Schell_Peary			
	Substation	BR	24	2023-06-20T21:30:19	2023-06-20T21:30:40	0:00:21	Rugby	Schell_Peary			
	Substation	BR	24	2023-06-28T16:29:14	2023-06-28T16:29:33	0:00:19	Rugby	Schell_Peary			
	Substation	BR	24	2023-11-05T09:18:22	2023-11-05T09:18:40	0:00:18	Rugby	Schell_Peary			
	Substation	RBY	563	2023-10-19T11:10:45	2023-10-19T11:11:04	0:00:19	Devils_Lake	Hetletved_Kyle			
	Substation	RBY	563	2023-06-26T17:31:58	2023-06-26T17:32:17	0:00:19	Devils_Lake	Hetletved_Kyle			
	Substation	RBY	563	2023-08-20T15:13:41	2023-08-20T15:13:58	0:00:17	Devils_Lake	Hetletved_Kyle			
	Substation	RBY	563	2023-01-05T09:37:01	2023-01-05T09:37:21	0:00:20	Devils_Lake	Hetletved_Kyle	Weather	Heavy frost causing phases to slap together	
	Substation	RBY	563	2023-08-24T14:07:01	2023-08-24T14:07:21	0:00:20	Devils_Lake	Hetletved_Kyle			
	Feeder	RBY	299	2023-11-01T09:24:06	2023-11-01T13:22:43	3:58:37	Devils_Lake	Hetletved_Kyle			
	Feeder	RBY	264	2023-01-27T00:32:32	2023-01-27T00:32:40	0:00:08	Devils_Lake	Hetletved_Kyle			
	Feeder	RBY	264	2023-01-27T01:38:54	2023-01-27T01:39:03	0:00:09	Devils_Lake	Hetletved_Kyle			
	Feeder	RBY	264	2023-01-27T00:16:00	2023-01-27T00:16:10	0:00:10	Devils_Lake	Hetletved_Kyle			
	Feeder	RBY	264	2023-01-27T01:08:39	2023-01-27T01:08:47	0:00:08	Devils_Lake	Hetletved_Kyle			
	Feeder	RBY	264	2023-01-27T01:17:18	2023-01-27T01:17:27	0:00:09	Devils_Lake	Hetletved_Kyle			
	Substation	RBY	77	2023-06-26T17:32:06	2023-06-26T17:32:13	0:00:07	Devils_Lake	Hetletved_Kyle			
	Substation	RBY	77	2023-01-05T09:37:14	2023-01-05T09:37:21	0:00:07	Devils_Lake	Hetletved_Kyle	Weather	Heavy frost causing phases to slap together	
	Substation	RBY	77	2023-10-19T11:10:57	2023-10-19T11:11:03	0:00:06	Devils_Lake	Hetletved_Kyle			
	Substation	RBY	77	2023-08-24T14:07:13	2023-08-24T14:07:19	0:00:06	Devils_Lake	Hetletved_Kyle			
	Substation	RBY	77	2023-08-20T15:13:53	2023-08-20T15:13:57	0:00:04	Devils_Lake	Hetletved_Kyle			
	Substation	RBY	662	2023-08-24T14:07:01	2023-08-24T14:07:21	0:00:20	Devils_Lake	Hetletved_Kyle			
	Substation	BRY	662	2023-10-19T11:10:45	2023-10-19T11:11:49	0:01:04	Devils_Lake	Hetletved_Kyle			
	Substation	BRY	662	2023-01-05T09:36:59	2023-01-05T09:37:22	0:00:23	Devils_Lake	Hetletved_Kyle	Weather	Heavy frost causing phases to slap together	
	Substation	BRY	662	2023-06-26T17:31:57	2023-06-26T17:32:15	0:00:18	Devils_Lake	Hetletved_Kyle			
	Substation	BRY	662	2023-08-20T15:13:39	2023-08-20T15:13:58	0:00:19	Devils_Lake	Hetletved_Kyle			
									Itron meter failure		
	Feeder	RBY	5	2023-10-24T17:13:23	2023-10-26T12:54:55	43:41:32	Devils_Lake	Hetletved_Kyle	failure	RDJ 11/27/23	
	Feeder	RBY	5	2023-12-05T09:04:09	2023-12-05T09:08:56	0:04:47	Devils_Lake	Hetletved_Kyle			
	Feeder	RBY	5	2023-11-16T13:09:24	2023-11-16T13:20:29	0:11:05	Devils_Lake	Hetletved_Kyle			
									Itron meter failure		
	Feeder	RBY	5	2023-10-26T12:56:00	2023-11-16T13:06:19	#####	Devils_Lake	Hetletved_Kyle	failure	RDJ 11/27/23	
									Itron meter failure		
	Feeder	RBY	5	2023-12-06T16:00:12	2023-12-12T14:03:03	#####	Devils_Lake	Hetletved_Kyle	failure	RDJ 12/15/23	
	Feeder	RBY	5	2023-12-20T15:06:51	2023-12-20T15:07:57	0:01:06	Devils_Lake	Hetletved_Kyle			
	Feeder	RBY	5	2023-11-17T08:28:47	2023-11-17T08:29:19	0:00:32	Devils_Lake	Hetletved_Kyle			
	Feeder	RBY	5	2023-12-27T09:23:41	2023-12-27T09:25:38	0:01:57	Devils_Lake	Hetletved_Kyle			
	Feeder	BYR	478	2023-10-19T13:00:00	2023-10-19T15:22:55	2:22:55	Devils_Lake	Hetletved_Kyle			
	Substation	BRY	216	2023-08-31T00:23:47	2023-08-31T00:25:27	0:01:40	Rugby	Bartholomay_Seth			
	Substation	BRY	216	2023-06-28T16:33:27	2023-06-28T16:33:45	0:00:18	Rugby	Bartholomay_Seth			
	Substation	BRY	216	2023-08-23T04:02:35	2023-08-23T04:02:53	0:00:18	Rugby	Bartholomay_Seth			
	Substation	B	23	2023-01-04T23:20:02	2023-01-04T23:20:09	0:00:07	Devils_Lake	Ramberg_Jason	Weather	Heavy frost causing phases to slap together	
	Substation	BRY	51	2023-06-13T16:52:02	2023-06-13T16:52:14	0:00:12	Devils_Lake	Ramberg_Jason			
	Substation	BRY	51	2023-09-05T00:08:36	2023-09-05T00:08:57	0:00:21	Devils_Lake	Ramberg_Jason			
	Substation	BRY	51	2023-06-26T18:03:18	2023-06-26T18:03:30	0:00:12	Devils_Lake	Ramberg_Jason			

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service						Cause	Notes
				Outage Start	Outage End	Duration	Center	Region			
	Substation	BRY	51	2023-07-18T16:02:55	2023-07-18T16:03:08	0:00:13	Devils_Lake	Ramberg_Jason			
	Substation	BRY	51	2023-07-06T20:33:58	2023-07-06T20:34:10	0:00:12	Devils_Lake	Ramberg_Jason			
	Substation	RY	28	2023-01-04T23:20:16	2023-01-04T23:20:30	0:00:14	Devils_Lake	Ramberg_Jason	Weather	Heavy frost causing phases to slap together	
	Substation	BRY	51	2023-01-05T11:40:00	2023-01-05T11:41:02	0:01:02	Devils_Lake	Ramberg_Jason	Weather	Heavy frost causing phases to slap together	
	Substation	B	23	2023-06-28T19:40:58	2023-06-28T19:41:12	0:00:14	Devils_Lake	Ramberg_Jason			
	Substation	BRY	51	2023-07-07T04:20:57	2023-07-07T04:21:14	0:00:17	Devils_Lake	Ramberg_Jason			
	Substation	BRY	51	2023-01-07T03:54:03	2023-01-07T03:55:08	0:01:05	Devils_Lake	Ramberg_Jason	Weather	Heavy frost dropping off	
	Substation	BRY	51	2023-09-02T08:42:21	2023-09-02T08:42:34	0:00:13	Devils_Lake	Ramberg_Jason			
	Substation	BRY	51	2023-06-28T19:45:58	2023-06-28T21:23:32	1:37:34	Devils_Lake	Ramberg_Jason			
	Substation	BRY	50	2023-01-20T07:00:56	2023-01-20T07:01:09	0:00:13	Devils_Lake	Ramberg_Jason	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	BRY	51	2023-02-13T11:40:09	2023-02-13T11:40:26	0:00:17	Devils_Lake	Ramberg_Jason			
	Substation	BRY	51	2023-07-07T04:38:08	2023-07-07T04:38:21	0:00:13	Devils_Lake	Ramberg_Jason			
	Substation	RBV	314	2023-08-31T02:44:03	2023-08-31T02:47:25	0:03:22	Rugby	Peterson_Paul			
	Substation	RBV	314	2023-07-02T00:46:27	2023-07-02T00:48:01	0:01:34	Rugby	Peterson_Paul			
	Substation	RBV	314	2023-07-02T00:44:27	2023-07-02T00:45:55	0:01:28	Rugby	Peterson_Paul			
	Substation	RBV	457	2023-06-24T16:44:16	2023-06-24T16:45:40	0:01:24	Wahpeton	Hovel_Loren			
	Substation	RBV	457	2023-08-10T18:49:18	2023-08-10T18:49:35	0:00:17	Wahpeton	Hovel_Loren			
	Substation	RBV	457	2023-06-01T11:03:18	2023-06-01T11:03:33	0:00:15	Wahpeton	Hovel_Loren			
	Substation	RBV	457	2023-08-10T18:59:39	2023-08-10T18:59:53	0:00:14	Wahpeton	Hovel_Loren			
	Substation	RBV	457	2023-09-29T07:15:59	2023-09-29T07:16:13	0:00:14	Wahpeton	Hovel_Loren			
	Substation	RBV	457	2023-08-10T18:40:42	2023-08-10T18:40:55	0:00:13	Wahpeton	Hovel_Loren			
	Feeder	RBV	258	2023-11-27T10:48:08	2023-11-27T10:48:19	0:00:11	Wahpeton	Hovel_Loren			
	Feeder	RBV	258	2023-08-24T15:36:37	2023-08-24T15:36:45	0:00:08	Wahpeton	Hovel_Loren			
	Feeder	RBV	199	2023-03-23T12:20:13	2023-03-23T12:20:22	0:00:09	Wahpeton	Hovel_Loren			
	Feeder	RBV	363	2023-11-12T18:17:08	2023-11-12T22:20:13	4:03:05	Wahpeton	Thompson_Wade			
	Feeder	RBV	363	2023-10-06T03:30:40	2023-10-06T05:22:31	1:51:51	Wahpeton	Thompson_Wade			
	Feeder	RBV	363	2023-11-12T16:57:49	2023-11-12T18:15:58	1:18:09	Wahpeton	Thompson_Wade			
	Feeder	RBV	363	2023-11-12T16:32:45	2023-11-12T16:56:56	0:24:11	Wahpeton	Thompson_Wade			
	Feeder	RBV	363	2023-07-04T15:49:30	2023-07-04T15:56:42	0:07:12	Wahpeton	Thompson_Wade			
	Feeder	RBV	363	2023-12-27T11:30:53	2023-12-27T11:31:05	0:00:12	Wahpeton	Thompson_Wade			
	Feeder	RBV	363	2023-07-11T23:51:24	2023-07-11T23:51:35	0:00:11	Wahpeton	Thompson_Wade			
	Feeder	RBV	363	2023-07-12T22:21:58	2023-07-12T22:22:08	0:00:10	Wahpeton	Thompson_Wade			
	Feeder	RBV	363	2023-09-24T13:34:42	2023-09-24T13:34:51	0:00:09	Wahpeton	Thompson_Wade			
	Feeder	RBV	363	2023-11-12T15:15:06	2023-11-12T15:15:14	0:00:08	Wahpeton	Thompson_Wade			
	Feeder	RBV	363	2023-07-16T07:03:49	2023-07-16T07:03:55	0:00:06	Wahpeton	Thompson_Wade			
	Feeder	RBV	363	2023-12-26T03:51:26	2023-12-26T03:51:30	0:00:04	Wahpeton	Thompson_Wade			
	Feeder	RBV	49	2023-10-06T03:30:20	2023-10-06T05:22:59	1:52:39	Wahpeton	Thompson_Wade			
	Feeder	RBV	49	2023-07-04T15:49:33	2023-07-04T15:56:47	0:07:14	Wahpeton	Thompson_Wade			
	Feeder	RBV	49	2023-07-11T23:51:25	2023-07-11T23:51:41	0:00:16	Wahpeton	Thompson_Wade			
	Feeder	RBV	49	2023-12-27T11:30:57	2023-12-27T11:31:11	0:00:14	Wahpeton	Thompson_Wade			
	Feeder	RBV	49	2023-07-12T22:22:00	2023-07-12T22:22:14	0:00:14	Wahpeton	Thompson_Wade			
	Feeder	RBV	403	2023-12-25T23:18:30	2023-12-26T03:20:15	4:01:45	Wahpeton	Thompson_Wade			
	Feeder	RBV	403	2023-10-06T03:30:46	2023-10-06T05:22:45	1:51:59	Wahpeton	Thompson_Wade			
	Feeder	RBV	403	2023-12-26T06:12:11	2023-12-26T06:47:00	0:34:49	Wahpeton	Thompson_Wade			
	Feeder	RBV	403	2023-07-26T23:33:52	2023-07-27T00:00:17	0:26:25	Wahpeton	Thompson_Wade			
	Feeder	RBV	403	2023-07-04T15:49:26	2023-07-04T15:56:41	0:07:15	Wahpeton	Thompson_Wade			
	Feeder	RBV	403	2023-02-13T11:09:45	2023-02-13T11:12:28	0:02:43	Wahpeton	Thompson_Wade			
	Feeder	RBV	403	2023-07-11T23:51:21	2023-07-11T23:51:35	0:00:14	Wahpeton	Thompson_Wade			
	Feeder	RBV	403	2023-12-27T11:30:51	2023-12-27T11:31:03	0:00:12	Wahpeton	Thompson_Wade			
	Feeder	RBV	403	2023-07-12T22:21:57	2023-07-12T22:22:08	0:00:11	Wahpeton	Thompson_Wade			
	Feeder	RBV	403	2023-08-06T14:54:42	2023-08-06T14:54:47	0:00:05	Wahpeton	Thompson_Wade			
	Substation	BRY	138	2023-12-27T16:02:32	2023-12-27T20:03:34	4:01:02	Wahpeton	Toso_Mark			
	Substation	BRY	151	2023-12-27T14:31:23	2023-12-27T16:01:30	1:30:07	Wahpeton	Toso_Mark			
	Substation	BRY	141	2023-12-28T14:29:58	2023-12-28T14:46:26	0:16:28	Wahpeton	Toso_Mark			

Equipment ID	Equipment Type	Phase(s)	Customer Service							Cause	Notes
			Customers	Outage Start	Outage End	Duration	Center	Region			
	Substation	BRY	141	2023-12-28T13:21:21	2023-12-28T13:24:56	0:03:35	Wahpeton	Toso_Mark			
	Substation	RBY	141	2023-12-27T14:04:40	2023-12-27T14:08:03	0:03:23	Wahpeton	Toso_Mark			
	Substation	BRY	138	2023-12-27T20:42:35	2023-12-27T20:45:48	0:03:13	Wahpeton	Toso_Mark			
	Substation	BRY	138	2023-12-27T20:26:54	2023-12-27T20:29:20	0:02:26	Wahpeton	Toso_Mark			
	Substation	BRY	141	2023-12-28T10:21:44	2023-12-28T10:24:04	0:02:20	Wahpeton	Toso_Mark			
	Substation	BRY	151	2023-12-27T14:28:30	2023-12-27T14:30:08	0:01:38	Wahpeton	Toso_Mark			
	Substation	BRY	137	2023-12-27T20:05:05	2023-12-27T20:06:13	0:01:08	Wahpeton	Toso_Mark			
	Substation	BRY	140	2023-12-28T11:53:45	2023-12-28T11:54:38	0:00:53	Wahpeton	Toso_Mark			
	Substation	BRY	138	2023-12-27T14:08:37	2023-12-27T14:09:29	0:00:52	Wahpeton	Toso_Mark			
	Substation	BRY	141	2023-12-28T10:34:11	2023-12-28T10:35:03	0:00:52	Wahpeton	Toso_Mark			
	Substation	BRY	141	2023-12-28T10:15:40	2023-12-28T10:16:28	0:00:48	Wahpeton	Toso_Mark			
	Substation	BRY	141	2023-12-29T08:50:29	2023-12-29T08:51:06	0:00:37	Wahpeton	Toso_Mark			
	Substation	BRY	140	2023-12-28T14:05:58	2023-12-28T14:06:17	0:00:19	Wahpeton	Toso_Mark			
	Substation	BR	94	2023-08-09T01:08:56	2023-08-09T03:17:11	2:08:15	Rugby	Lee_James			
	Substation	BR	94	2023-11-07T11:11:53	2023-11-07T11:25:54	0:14:01	Rugby	Lee_James			
	Substation	BR	94	2023-07-24T09:51:18	2023-07-24T10:05:01	0:13:43	Rugby	Lee_James			
	Substation	BR	94	2023-06-03T20:34:23	2023-06-03T20:35:26	0:01:03	Rugby	Lee_James			
	Substation	BR	94	2023-12-08T14:46:01	2023-12-08T14:46:43	0:00:42	Rugby	Lee_James			
	Substation	BR	94	2023-12-08T14:19:08	2023-12-08T14:19:40	0:00:32	Rugby	Lee_James			
	Substation	BR	93	2023-12-08T16:05:09	2023-12-08T16:05:40	0:00:31	Rugby	Lee_James			
	Substation	BR	94	2023-05-17T09:01:11	2023-05-17T09:01:34	0:00:23	Rugby	Lee_James			
	Substation	BR	94	2023-07-28T11:18:05	2023-07-28T11:18:28	0:00:23	Rugby	Lee_James			
	Substation	R	42	2023-01-21T18:28:29	2023-01-21T18:28:46	0:00:17	Rugby	Lee_James	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	BR	94	2023-12-08T14:10:23	2023-12-08T14:10:37	0:00:14	Rugby	Lee_James			
	Substation	BR	93	2023-05-17T09:05:55	2023-05-17T09:06:06	0:00:11	Rugby	Lee_James			
	Substation	B	52	2023-01-21T18:28:20	2023-01-21T18:28:27	0:00:07	Rugby	Lee_James	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	BY	11	2023-05-25T17:44:38	2023-05-25T18:11:08	0:26:30	Rugby	Voeller_Dave			
	Substation	BY	11	2023-08-10T01:18:04	2023-08-10T01:23:39	0:05:35	Rugby	Voeller_Dave			
	Substation	BY	11	2023-07-02T00:02:28	2023-07-02T00:02:36	0:00:08	Rugby	Voeller_Dave			
	Substation	BR	7	2023-09-23T18:03:55	2023-09-23T18:04:03	0:00:08	Devils_Lake	Watkins_Shaun			
	Substation	BR	7	2023-01-22T15:38:25	2023-01-22T16:01:20	0:22:55	Devils_Lake	Watkins_Shaun	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	BR	7	2023-06-28T17:54:30	2023-06-28T17:54:44	0:00:14	Devils_Lake	Watkins_Shaun			
	Substation	BR	7	2023-06-28T17:59:20	2023-06-28T17:59:30	0:00:10	Devils_Lake	Watkins_Shaun			
	Substation	BR	7	2023-06-25T02:04:27	2023-06-25T02:04:37	0:00:10	Devils_Lake	Watkins_Shaun			
	Substation	RBY	1	2023-01-22T15:38:32	2023-01-22T16:01:07	0:22:35	Devils_Lake	Devils_Lake	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	RBY	1	2023-06-25T02:04:14	2023-06-25T02:04:21	0:00:07	Devils_Lake	Devils_Lake			
	Substation	RBY	1	2023-06-28T17:54:22	2023-06-28T17:54:28	0:00:06	Devils_Lake	Devils_Lake			
	Substation	RBY	1	2023-06-28T17:59:08	2023-06-28T17:59:14	0:00:06	Devils_Lake	Devils_Lake			
	Substation	RBY	1	2023-09-23T18:03:41	2023-09-23T18:03:47	0:00:06	Devils_Lake	Devils_Lake			
	Feeder	RBY	22	2023-12-09T00:41:15	2023-12-09T04:08:24	3:27:09	Wahpeton	Ogren_Dwight			
	Feeder	RBY	22	2023-05-21T12:16:23	2023-05-21T14:20:38	2:04:15	Wahpeton	Ogren_Dwight			
	Feeder	RBY	22	2023-04-28T06:23:58	2023-04-28T06:27:32	0:03:34	Wahpeton	Ogren_Dwight			
	Feeder	RBY	22	2023-03-10T14:07:36	2023-03-10T14:07:43	0:00:07	Wahpeton	Ogren_Dwight			
	Feeder	RBY	22	2023-04-14T00:14:18	2023-04-14T00:14:25	0:00:07	Wahpeton	Ogren_Dwight			
	Substation	Y	23	2023-02-12T10:02:23	2023-02-12T13:33:20	3:30:57	Rugby	Voeller_Dave			
	Substation	BRY	72	2023-08-10T01:17:49	2023-08-10T01:23:33	0:05:44	Rugby	Voeller_Dave			
	Substation	BRY	72	2023-09-11T18:53:57	2023-09-11T18:55:03	0:01:06	Rugby	Voeller_Dave			
	Substation	RBY	203	2023-11-07T11:11:51	2023-11-07T11:29:14	0:17:23	Rugby	Klein_Travis			
	Substation	RBY	203	2023-07-24T09:51:31	2023-07-24T10:04:57	0:13:26	Rugby	Klein_Travis			
	Substation	RBY	203	2023-06-03T20:34:35	2023-06-03T20:34:42	0:00:07	Rugby	Klein_Travis			
	Substation	RBY	203	2023-05-17T09:05:52	2023-05-17T09:05:59	0:00:07	Rugby	Klein_Travis			
	Substation	RBY	203	2023-05-17T09:01:19	2023-05-17T09:01:26	0:00:07	Rugby	Klein_Travis			
	Substation	RBY	203	2023-01-21T18:28:38	2023-01-21T18:28:44	0:00:06	Rugby	Klein_Travis	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	RBY	203	2023-07-28T11:18:19	2023-07-28T11:18:25	0:00:06	Rugby	Klein_Travis			

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service							Cause	Notes
				Outage Start	Outage End	Duration	Center	Region				
	Substation	BR	63	2023-10-20T12:59:56	2023-10-20T14:37:35	1:37:39	Rugby	Schell_Peary				
	Substation	BR	63	2023-12-23T01:09:58	2023-12-23T01:36:21	0:26:23	Rugby	Schell_Peary				
	Substation	BR	63	2023-08-31T00:23:43	2023-08-31T00:25:22	0:01:39	Rugby	Schell_Peary				
	Substation	R	38	2023-05-03T17:46:57	2023-05-03T17:47:31	0:00:34	Rugby	Schell_Peary				
	Substation	R	38	2023-05-04T15:04:27	2023-05-04T15:04:47	0:00:20	Rugby	Schell_Peary				
	Substation	BR	63	2023-08-23T04:02:34	2023-08-23T04:02:48	0:00:14	Rugby	Schell_Peary				
	Substation	BR	63	2023-06-28T16:33:33	2023-06-28T16:33:46	0:00:13	Rugby	Schell_Peary				
	Substation	RY	20	2023-01-19T11:55:54	2023-01-19T11:56:24	0:00:30	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BRY	26	2023-01-23T03:14:32	2023-01-23T03:15:18	0:00:46	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BRY	26	2023-06-25T02:04:12	2023-06-25T02:04:38	0:00:26	Devils_Lake	Watkins_Shaun				
	Substation	BRY	26	2023-06-27T22:33:10	2023-06-27T22:34:13	0:01:03	Devils_Lake	Watkins_Shaun				
	Substation	BRY	26	2023-11-08T02:49:24	2023-11-08T03:48:18	0:58:54	Devils_Lake	Watkins_Shaun				
	Substation	BRY	26	2023-06-28T17:54:23	2023-06-28T17:55:27	0:01:04	Devils_Lake	Watkins_Shaun				
	Substation	BRY	26	2023-06-28T17:59:06	2023-06-28T17:59:30	0:00:24	Devils_Lake	Watkins_Shaun				
	Substation	BYR	26	2023-07-26T22:37:14	2023-07-26T22:37:34	0:00:20	Devils_Lake	Watkins_Shaun				
	Substation	BYR	26	2023-09-23T18:03:40	2023-09-23T18:04:04	0:00:24	Devils_Lake	Watkins_Shaun				
	Substation	BRY	26	2023-09-29T16:54:34	2023-09-29T16:55:17	0:00:43	Devils_Lake	Watkins_Shaun				
	Substation	BRY	26	2023-01-20T10:33:15	2023-01-20T10:52:13	0:18:58	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BYR	26	2023-06-28T19:20:51	2023-06-28T19:21:15	0:00:24	Devils_Lake	Watkins_Shaun				
	Substation	BRY	26	2023-01-22T17:25:25	2023-01-22T17:26:54	0:01:29	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BRY	26	2023-01-23T02:45:10	2023-01-23T02:46:42	0:01:32	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BRY	26	2023-01-23T03:27:18	2023-01-23T03:28:08	0:00:50	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BRY	26	2023-01-23T03:29:09	2023-01-23T03:29:50	0:30:41	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BRY	26	2023-01-20T00:04:19	2023-01-20T00:05:03	0:52:44	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BRY	26	2023-01-22T15:38:24	2023-01-22T15:43:45	0:05:21	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BRY	26	2023-01-22T18:14:15	2023-01-22T18:54:53	0:40:38	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BYR	25	2023-06-28T20:27:48	2023-06-28T20:28:13	0:00:25	Devils_Lake	Watkins_Shaun				
	Substation	BRY	26	2023-01-23T03:17:56	2023-01-23T03:18:24	0:00:28	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BRY	26	2023-01-23T03:22:17	2023-01-23T03:22:45	0:00:28	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BRY	26	2023-01-23T03:25:01	2023-01-23T03:25:29	0:00:28	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	RBY	312	2023-08-12T09:01:14	2023-08-12T11:22:30	2:21:16	Rugby	Rath_Todd				
	Substation	RBY	312	2023-05-09T14:02:55	2023-05-09T15:23:22	1:20:27	Rugby	Rath_Todd				
	Substation	RBY	312	2023-10-30T18:29:14	2023-10-30T19:43:08	1:13:54	Rugby	Rath_Todd				
	Substation	RBY	312	2023-06-28T05:13:03	2023-06-28T05:44:32	0:31:29	Rugby	Rath_Todd				
									Equip Fail			
	Substation	RBY	312	2023-01-18T15:46:35	2023-01-18T16:16:40	0:30:05	Rugby	Rath_Todd	Conductor		Broken conductor	
	Substation	RBY	312	2023-04-09T01:01:49	2023-04-09T01:24:23	0:22:34	Rugby	Rath_Todd				
	Substation	RBY	312	2023-05-10T19:57:54	2023-05-10T19:58:12	0:00:18	Rugby	Rath_Todd				
	Substation	RBY	312	2023-10-30T16:17:48	2023-10-30T16:18:02	0:00:14	Rugby	Rath_Todd				
	Substation	RBY	312	2023-08-04T15:36:03	2023-08-04T15:36:14	0:00:11	Rugby	Rath_Todd				
	Substation	RBY	312	2023-10-30T17:14:35	2023-10-30T17:14:42	0:00:07	Rugby	Rath_Todd				
	Substation	RBY	312	2023-10-30T17:32:12	2023-10-30T17:32:19	0:00:07	Rugby	Rath_Todd				
	Substation	RBY	312	2023-05-12T11:57:43	2023-05-12T11:57:49	0:00:06	Rugby	Rath_Todd				
	Substation	RBY	312	2023-10-30T17:40:43	2023-10-30T17:40:49	0:00:06	Rugby	Rath_Todd				
	Substation	RBY	312	2023-04-11T14:47:45	2023-04-11T14:47:48	0:00:03	Rugby	Rath_Todd				
	Substation	BRY	407	2023-08-03T23:15:24	2023-08-03T23:15:49	0:00:25	Devils_Lake	Foss_Jerry				
	Substation	BRY	406	2023-09-07T15:18:09	2023-09-07T15:18:32	0:00:23	Devils_Lake	Foss_Jerry				
	Substation	BRY	407	2023-01-20T01:02:47	2023-01-20T01:11:08	0:08:21	Devils_Lake	Foss_Jerry	Weather		Dense Fog and Heavy Frost on Lines	
	Feeder	RY	176	2023-08-08T07:54:32	2023-08-08T07:54:42	0:00:10	Devils_Lake	Foss_Jerry				
	Feeder	BRY	257	2023-08-26T09:26:43	2023-08-26T09:27:07	0:00:24	Devils_Lake	Foss_Jerry				
	Feeder	B	80	2023-08-08T07:54:49	2023-08-08T07:54:56	0:00:07	Devils_Lake	Foss_Jerry				
	Feeder	RBY	149	2023-07-29T10:36:13	2023-07-29T10:36:20	0:00:07	Devils_Lake	Foss_Jerry				
	Substation	BRY	277	2023-06-05T02:10:10	2023-06-05T02:19:36	0:09:26	Jamestown	Bruner_Brent				
	Substation	BRY	279	2023-01-08T06:22:27	2023-01-08T06:23:08	0:00:41	Jamestown	Bruner_Brent				

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service							Cause	Notes
				Outage Start	Outage End	Duration	Center	Region				
	Substation	BRY	279	2023-12-05T10:29:58	2023-12-05T10:40:58	0:11:00	Jamestown	Bruner_Brent				
	Substation	BRY	279	2023-05-23T22:51:38	2023-05-23T22:51:55	0:00:17	Jamestown	Bruner_Brent				
	Substation	BRY	279	2023-06-07T17:35:35	2023-06-07T18:48:25	1:12:50	Jamestown	Bruner_Brent				
	Substation	BRY	279	2023-12-05T07:53:55	2023-12-05T10:27:04	2:33:09	Jamestown	Bruner_Brent				
	Substation	BRY	279	2023-07-21T22:18:10	2023-07-21T22:18:29	0:00:19	Jamestown	Bruner_Brent				
	Substation	BRY	279	2023-08-07T07:51:57	2023-08-07T07:52:15	0:00:18	Jamestown	Bruner_Brent				
	Substation	BRY	279	2023-12-26T06:55:28	2023-12-28T18:21:59	59:26:31	Jamestown	Bruner_Brent				
	Substation	BRY	279	2023-05-10T00:12:42	2023-05-10T00:13:00	0:00:18	Jamestown	Bruner_Brent				
	Substation	BRY	279	2023-06-20T05:24:05	2023-06-20T05:24:25	0:00:20	Jamestown	Bruner_Brent				
	Substation	BRY	279	2023-06-09T00:56:03	2023-06-09T00:56:38	0:00:35	Jamestown	Bruner_Brent				
	Substation	BRY	279	2023-08-08T19:10:28	2023-08-08T19:12:35	0:02:07	Jamestown	Bruner_Brent				
	Substation	BRY	278	2023-05-23T23:00:28	2023-05-23T23:00:46	0:00:18	Jamestown	Bruner_Brent				
	Substation	BRY	279	2023-12-24T12:03:58	2023-12-24T12:04:14	0:00:16	Jamestown	Bruner_Brent				
	Substation	B	36	2023-06-28T05:12:55	2023-06-28T06:45:09	1:32:14	Rugby	Gravseth_Chad				
	Substation	B	36	2023-05-09T14:02:48	2023-05-09T15:22:34	1:19:46	Rugby	Gravseth_Chad				
										Equip Fail		
	Substation	B	36	2023-01-18T15:46:40	2023-01-18T16:16:38	0:29:58	Rugby	Gravseth_Chad	Conductor		Broken conductor	
	Substation	B	36	2023-08-04T15:36:01	2023-08-04T15:36:11	0:00:10	Rugby	Gravseth_Chad				
	Substation	B	36	2023-05-12T11:57:38	2023-05-12T11:57:46	0:00:08	Rugby	Gravseth_Chad				
	Substation	B	36	2023-04-11T14:47:37	2023-04-11T14:47:45	0:00:08	Rugby	Gravseth_Chad				
	Substation	BRY	330	2023-01-23T03:17:59	2023-01-23T03:18:24	0:00:25	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BRY	331	2023-09-04T23:57:48	2023-09-04T23:58:11	0:00:23	Devils_Lake	Watkins_Shaun				
	Substation	BRY	331	2023-09-29T16:54:49	2023-09-29T16:55:18	0:00:29	Devils_Lake	Watkins_Shaun				
	Substation	BRY	332	2023-01-20T10:33:17	2023-01-20T10:52:12	0:18:55	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BRY	332	2023-06-28T17:54:30	2023-06-28T17:54:47	0:00:17	Devils_Lake	Watkins_Shaun				
	Substation	B	131	2023-01-19T11:55:56	2023-01-19T11:56:23	0:00:27	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BRY	331	2023-01-05T12:30:39	2023-01-05T12:31:09	0:00:30	Devils_Lake	Watkins_Shaun	Weather		Heavy frost causing phases to slap together	
	Substation	BRY	330	2023-01-23T03:22:18	2023-01-23T03:22:44	0:00:26	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BRY	330	2023-01-23T03:29:11	2023-01-23T03:47:19	0:18:08	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
											Heavy frost dropping off the lines and wind causing phases to slap together.	
	Substation	BRY	332	2023-01-05T14:11:31	2023-01-05T14:12:12	0:00:41	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BRY	324	2023-01-22T18:14:16	2023-01-22T18:44:10	0:29:54	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BRY	328	2023-01-22T17:25:26	2023-01-22T17:26:53	0:01:27	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BRY	328	2023-01-23T03:27:19	2023-01-23T03:28:07	0:00:48	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BRY	330	2023-01-23T03:25:03	2023-01-23T03:25:28	0:00:25	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BRY	332	2023-06-28T20:28:03	2023-06-28T20:28:15	0:00:12	Devils_Lake	Watkins_Shaun				
	Substation	BRY	331	2023-01-23T02:45:11	2023-01-23T02:46:42	0:01:31	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BRY	331	2023-06-25T02:04:28	2023-06-25T02:04:39	0:00:11	Devils_Lake	Watkins_Shaun				
	Substation	BRY	331	2023-06-28T17:59:20	2023-06-28T17:59:32	0:00:12	Devils_Lake	Watkins_Shaun				
	Substation	BRY	332	2023-06-28T19:21:05	2023-06-28T19:21:21	0:00:16	Devils_Lake	Watkins_Shaun				
	Substation	BRY	327	2023-01-22T15:38:26	2023-01-22T15:43:44	0:05:18	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
											Heavy frost dropping off the lines and wind causing phases to slap together.	
	Substation	BRY	332	2023-01-05T14:10:32	2023-01-05T14:11:02	0:00:30	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BRY	332	2023-01-23T03:14:34	2023-01-23T03:15:18	0:00:44	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BRY	332	2023-07-26T22:37:25	2023-07-26T22:37:36	0:00:11	Devils_Lake	Watkins_Shaun				
	Substation	BRY	332	2023-11-08T02:49:23	2023-11-08T02:30:04	0:40:41	Devils_Lake	Watkins_Shaun				
	Substation	BRY	533	2023-01-20T00:00:42	2023-01-20T00:32:38	0:31:56	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
											Heavy frost dropping off the lines and wind causing phases to slap together.	
	Substation	BRY	325	2023-01-05T14:12:36	2023-01-05T14:19:54	0:07:18	Devils_Lake	Watkins_Shaun	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BRY	331	2023-07-02T05:49:54	2023-07-02T05:50:07	0:00:13	Devils_Lake	Watkins_Shaun				
	Substation	BRY	332	2023-06-27T22:33:19	2023-06-27T22:33:34	0:00:15	Devils_Lake	Watkins_Shaun				
	Substation	BRY	332	2023-09-23T18:03:55	2023-09-23T18:04:06	0:00:11	Devils_Lake	Watkins_Shaun				
	Substation	RB	63	2023-09-23T17:32:07	2023-09-23T17:32:14	0:00:07	Jamestown	Bruner_Brent				
	Substation	RB	63	2023-06-07T17:35:46	2023-06-07T18:22:31	0:46:45	Jamestown	Bruner_Brent				

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service						Cause	Notes
				Outage Start	Outage End	Duration	Center	Region			
	Substation	R	33	2023-12-26T12:44:43	2023-12-26T12:44:51	0:00:08	Jamestown	Bruner_Brent			
	Substation	RB	63	2023-06-09T00:56:03	2023-06-09T00:56:39	0:00:36	Jamestown	Bruner_Brent			
	Substation	R	33	2023-12-30T22:09:10	2023-12-30T22:09:21	0:00:11	Jamestown	Bruner_Brent			
	Substation	BR	63	2023-04-14T11:20:27	2023-04-14T11:21:21	0:00:54	Jamestown	Bruner_Brent			
	Substation	RB	63	2023-12-26T18:08:01	2023-12-26T19:03:58	0:55:57	Jamestown	Bruner_Brent			
	Substation	BR	63	2023-12-30T22:09:35	2023-12-31T03:00:34	4:50:59	Jamestown	Bruner_Brent			
	Substation	R	33	2023-06-07T18:31:54	2023-06-07T18:32:01	0:00:07	Jamestown	Bruner_Brent			
	Substation	RB	63	2023-09-07T10:05:46	2023-09-07T10:05:53	0:00:07	Jamestown	Bruner_Brent			
	Substation	R	33	2023-12-26T12:56:16	2023-12-26T12:56:25	0:00:09	Jamestown	Bruner_Brent			
	Substation	BR	63	2023-12-30T10:06:49	2023-12-30T10:45:49	0:39:00	Jamestown	Bruner_Brent			
	Substation	RB	63	2023-07-02T06:08:16	2023-07-02T06:08:24	0:00:08	Jamestown	Bruner_Brent			
	Substation	RB	63	2023-10-19T09:07:36	2023-10-19T14:33:58	5:26:22	Jamestown	Bruner_Brent			
	Substation	BR	63	2023-12-26T21:03:01	2023-12-28T20:49:33	47:46:32	Jamestown	Bruner_Brent			
	Substation	BR	63	2023-12-31T04:35:32	2023-12-31T07:56:27	3:20:55	Jamestown	Bruner_Brent			
	Substation	RBY	554	2023-05-02T16:36:57	2023-05-02T18:41:33	2:04:36	Wahpeton	Grosgebauer_John			
	Substation	RBY	554	2023-05-19T11:30:05	2023-05-19T12:15:49	0:45:44	Wahpeton	Grosgebauer_John			
	Substation	RBY	554	2023-07-04T15:49:30	2023-07-04T16:06:18	0:16:48	Wahpeton	Grosgebauer_John			
	Substation	RBY	554	2023-07-11T23:51:22	2023-07-11T23:54:22	0:03:00	Wahpeton	Grosgebauer_John			
	Substation	RBY	554	2023-12-27T11:30:53	2023-12-27T11:31:06	0:00:13	Wahpeton	Grosgebauer_John			
	Substation	RBY	554	2023-07-12T22:21:58	2023-07-12T22:22:09	0:00:11	Wahpeton	Grosgebauer_John			
	Substation	RBY	554	2023-05-10T01:22:49	2023-05-10T01:22:57	0:00:08	Wahpeton	Grosgebauer_John			
	Substation	RBY	554	2023-12-27T16:11:21	2023-12-27T16:11:27	0:00:06	Wahpeton	Grosgebauer_John			
	Substation	RBY	554	2023-12-27T14:22:31	2023-12-27T14:22:36	0:00:05	Wahpeton	Grosgebauer_John			
	Substation	RBY	260	2023-08-31T03:10:17	2023-08-31T03:10:29	0:00:12	Devils_Lake	Chase_Scott			
	Substation	RBY	260	2023-06-28T18:00:22	2023-06-28T18:00:27	0:00:05	Devils_Lake	Chase_Scott			
	Substation	RBY	260	2023-08-31T03:15:30	2023-08-31T03:15:36	0:00:06	Devils_Lake	Chase_Scott			
	Substation	RBY	260	2023-04-28T01:05:51	2023-04-28T02:14:49	1:08:58	Devils_Lake	Chase_Scott			
	Substation	RBY	260	2023-06-12T12:56:50	2023-06-12T13:31:14	0:34:24	Devils_Lake	Chase_Scott			
	Substation	B	80	2023-07-02T13:27:35	2023-07-02T13:29:59	0:02:24	Wahpeton	Vetter_Al			
	Feeder	RY	238	2023-07-02T13:27:35	2023-07-02T13:29:14	0:01:39	Wahpeton	Vetter_Al			
	Feeder	B	10	2023-06-07T18:59:07	2023-06-07T18:59:14	0:00:07	Wahpeton	Vetter_Al			
	Substation	BRY	46	2023-07-18T15:35:34	2023-07-18T15:36:43	0:01:09	Devils_Lake	Ramberg_Jason			
	Substation	BRY	46	2023-01-20T07:00:44	2023-01-20T07:01:51	0:01:07	Devils_Lake	Ramberg_Jason	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	BRY	46	2023-01-27T00:17:36	2023-01-27T00:18:03	0:00:27	Devils_Lake	Ramberg_Jason			
	Substation	BRY	46	2023-06-27T15:52:02	2023-06-27T16:57:12	1:05:10	Devils_Lake	Ramberg_Jason			
	Substation	BRY	44	2023-01-26T23:53:59	2023-01-26T23:54:29	0:00:30	Devils_Lake	Ramberg_Jason			
	Substation	BRY	46	2023-06-28T16:12:51	2023-06-28T16:13:15	0:00:24	Devils_Lake	Ramberg_Jason			
	Substation	BRY	46	2023-09-16T18:14:41	2023-09-16T18:15:49	0:01:08	Devils_Lake	Ramberg_Jason			
	Substation	BRY	46	2023-01-27T00:32:09	2023-01-27T00:32:37	0:00:28	Devils_Lake	Ramberg_Jason			
	Substation	BRY	46	2023-04-27T21:21:43	2023-04-27T21:22:10	0:00:27	Devils_Lake	Ramberg_Jason			
	Substation	BRY	46	2023-06-28T16:08:23	2023-06-28T16:08:45	0:00:22	Devils_Lake	Ramberg_Jason			
	Substation	BRY	45	2023-01-27T01:42:18	2023-01-27T01:42:45	0:00:27	Devils_Lake	Ramberg_Jason			
	Substation	BRY	46	2023-01-27T01:46:53	2023-01-27T01:47:20	0:00:27	Devils_Lake	Ramberg_Jason			
	FeederSection	R	1	2023-01-20T13:28:57	2023-01-20T15:41:06	2:12:09	Devils_Lake	Paul_Larson	Weather	Dense Fog and Heavy Frost on Lines	
	FeederSection	R	1	2023-08-01T09:59:02	2023-08-01T11:39:57	1:40:55	Devils_Lake	Paul_Larson			
	Substation	RBY	68	2023-09-02T08:42:16	2023-09-02T08:42:27	0:00:11	Devils_Lake	Ramberg_Jason			
	Substation	RBY	68	2023-01-04T23:20:20	2023-01-04T23:20:27	0:00:07	Devils_Lake	Ramberg_Jason	Weather	Heavy frost causing phases to slap together	
	Substation	RBY	68	2023-07-07T04:38:08	2023-07-07T04:38:15	0:00:07	Devils_Lake	Ramberg_Jason			
	Substation	RBY	68	2023-01-07T03:54:21	2023-01-07T03:55:05	0:00:44	Devils_Lake	Ramberg_Jason	Weather	Heavy frost dropping off	
	Substation	RBY	68	2023-06-26T18:03:18	2023-06-26T18:03:23	0:00:05	Devils_Lake	Ramberg_Jason			
	Substation	RBY	68	2023-07-06T20:33:58	2023-07-06T20:34:03	0:00:05	Devils_Lake	Ramberg_Jason			
	Substation	RBY	68	2023-01-05T11:40:08	2023-01-05T11:40:22	0:00:14	Devils_Lake	Ramberg_Jason	Weather	Heavy frost causing phases to slap together	
	Substation	RBY	68	2023-02-13T11:40:13	2023-02-13T11:40:20	0:00:07	Devils_Lake	Ramberg_Jason			
	Substation	RBY	68	2023-07-18T16:02:57	2023-07-18T16:03:02	0:00:05	Devils_Lake	Ramberg_Jason			

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service						Cause	Notes
				Outage Start	Outage End	Duration	Center	Region			
	Substation	RBY	68	2023-06-13T16:52:02	2023-06-13T16:52:07	0:00:05	Devils_Lake	Ramberg_Jason			
	Substation	RBY	68	2023-07-07T04:20:57	2023-07-07T04:21:07	0:00:10	Devils_Lake	Ramberg_Jason			
	Substation	RBY	68	2023-01-20T07:00:55	2023-01-20T07:01:03	0:00:08	Devils_Lake	Ramberg_Jason	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	RBY	68	2023-09-05T00:08:36	2023-09-05T00:08:50	0:00:14	Devils_Lake	Ramberg_Jason			
	Substation	BRY	402	2023-03-31T00:45:16	2023-03-31T01:57:28	1:12:12	Wahpeton	Schrader_Allen			
	Substation	Y	73	2023-05-11T03:34:39	2023-05-11T03:34:47	0:00:08	Wahpeton	Schrader_Allen			
	Substation	Y	73	2023-11-01T13:40:24	2023-11-01T13:40:32	0:00:08	Wahpeton	Schrader_Allen			
	Substation	Y	73	2023-05-30T14:57:43	2023-05-30T14:57:49	0:00:06	Wahpeton	Schrader_Allen			
	Substation	R	8	2023-12-24T17:37:15	2023-12-24T17:37:23	0:00:08	Wahpeton	Schrader_Allen			
	Substation	R	8	2023-04-23T07:46:35	2023-04-23T07:46:42	0:00:07	Wahpeton	Schrader_Allen			
	Substation	RBY	569	2023-04-28T01:05:56	2023-04-28T01:39:29	0:33:33	Jamestown	Price_Chans			
	Substation	RBY	569	2023-06-08T21:06:57	2023-06-08T21:42:10	0:35:13	Jamestown	Price_Chans			
	Substation	RBY	569	2023-07-02T03:14:45	2023-07-02T03:15:12	0:00:27	Jamestown	Price_Chans			
	Substation	BY	355	2023-06-08T21:07:00	2023-06-08T21:42:06	0:35:06	Jamestown	Price_Chans			
	Substation	BY	355	2023-07-02T03:14:48	2023-07-02T03:15:07	0:00:19	Jamestown	Price_Chans			
	Substation	BY	354	2023-04-28T01:05:45	2023-04-28T01:39:22	0:33:37	Jamestown	Price_Chans			
	Feeder	R	145	2023-07-02T03:15:03	2023-07-02T03:15:10	0:00:07	Jamestown	Price_Chans			
	Feeder	R	145	2023-04-28T01:05:57	2023-04-28T01:39:26	0:33:29	Jamestown	Price_Chans			
	Feeder	Y	156	2023-12-08T23:39:48	2023-12-08T23:39:56	0:00:08	Jamestown	Price_Chans			
	Feeder	R	145	2023-06-08T21:07:13	2023-06-08T21:42:09	0:34:56	Jamestown	Price_Chans			
	Feeder	BR	291	2023-12-08T23:39:59	2023-12-08T23:40:09	0:00:10	Jamestown	Price_Chans			
	Feeder	Y	33	2023-06-27T09:56:42	2023-06-27T09:56:57	0:00:15	Jamestown	Price_Chans			
	Feeder	B	34	2023-12-06T09:02:17	2023-12-06T09:19:30	0:17:13	Jamestown	Price_Chans			
	Feeder	Y	33	2023-09-25T15:26:48	2023-09-25T15:27:02	0:00:14	Jamestown	Price_Chans			
	Substation	RBY	16	2023-12-25T21:03:41	2023-12-26T01:56:30	4:52:49	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-03-31T08:48:44	2023-03-31T12:14:27	3:25:43	Wahpeton	Grosgebauer_John			
	Substation	RBY	17	2023-03-31T15:14:12	2023-03-31T17:58:14	2:44:02	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-04-19T03:11:06	2023-04-19T05:21:08	2:10:02	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-12-26T07:57:31	2023-12-26T09:13:55	1:16:24	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-07-26T21:47:26	2023-07-26T22:51:44	1:04:18	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-11-29T17:38:03	2023-11-29T18:37:34	0:59:31	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-09-29T17:14:06	2023-09-29T17:42:26	0:28:20	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-03-31T08:10:33	2023-03-31T08:31:32	0:20:59	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-03-31T13:12:03	2023-03-31T13:27:50	0:15:47	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-04-06T17:39:49	2023-04-06T17:52:35	0:12:46	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-03-31T08:35:34	2023-03-31T08:47:53	0:12:19	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-03-31T13:08:54	2023-03-31T13:10:34	0:01:40	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-07-26T21:45:16	2023-07-26T21:45:43	0:00:27	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-07-15T04:26:28	2023-07-15T04:26:42	0:00:14	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-03-31T13:11:05	2023-03-31T13:11:17	0:00:12	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-03-31T06:12:13	2023-03-31T06:12:25	0:00:12	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-04-13T21:51:47	2023-04-13T21:51:58	0:00:11	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-03-31T13:34:00	2023-03-31T13:34:10	0:00:10	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-03-31T13:38:25	2023-03-31T13:38:34	0:00:09	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-03-31T13:40:12	2023-03-31T13:40:21	0:00:09	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-03-31T13:35:40	2023-03-31T13:35:49	0:00:09	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-03-31T13:48:50	2023-03-31T13:48:59	0:00:09	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-03-31T06:08:31	2023-03-31T06:08:40	0:00:09	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-07-10T22:18:53	2023-07-10T22:19:01	0:00:08	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-03-31T13:54:44	2023-03-31T13:54:52	0:00:08	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-03-31T13:51:00	2023-03-31T13:51:08	0:00:08	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-03-31T06:21:14	2023-03-31T06:21:22	0:00:08	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-06-24T03:46:33	2023-06-24T03:46:41	0:00:08	Wahpeton	Grosgebauer_John			
	Substation	RBY	16	2023-03-31T13:29:18	2023-03-31T13:29:25	0:00:07	Wahpeton	Grosgebauer_John			

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service						
				Outage Start	Outage End	Duration	Center	Region	Cause	Notes
	Substation	RBY	16	2023-03-31T13:30:26	2023-03-31T13:30:33	0:00:07	Wahpeton	Grosgebauer_John		
	Substation	RBY	16	2023-03-31T13:40:55	2023-03-31T13:41:01	0:00:06	Wahpeton	Grosgebauer_John		
	Substation	RBY	16	2023-03-31T13:28:28	2023-03-31T13:28:34	0:00:06	Wahpeton	Grosgebauer_John		
	Substation	RBY	16	2023-03-31T13:37:06	2023-03-31T13:37:11	0:00:05	Wahpeton	Grosgebauer_John		
	Substation	RBY	16	2023-03-31T06:13:01	2023-03-31T06:13:06	0:00:05	Wahpeton	Grosgebauer_John		
	Substation	RBY	16	2023-12-25T21:01:37	2023-12-25T21:01:41	0:00:04	Wahpeton	Grosgebauer_John		
	Substation	R	23	2023-04-14T09:59:31	2023-04-14T09:59:37	0:00:06	Devils_Lake	Watkins_Shaun		
	Substation	BY	40	2023-08-27T06:44:59	2023-08-27T13:25:30	6:40:31	Devils_Lake	Watkins_Shaun		
	Substation	RY	43	2023-01-19T11:55:53	2023-01-19T11:56:26	0:00:33	Devils_Lake	Watkins_Shaun	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BRY	63	2023-01-23T02:45:08	2023-01-23T02:46:35	0:01:27	Devils_Lake	Watkins_Shaun	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BRY	63	2023-06-25T02:04:17	2023-06-25T02:04:39	0:00:22	Devils_Lake	Watkins_Shaun		
	Substation	R	23	2023-04-14T09:50:53	2023-04-14T09:51:00	0:00:07	Devils_Lake	Watkins_Shaun		
										Heavy frost dropping off the lines and wind causing phases to slap together.
	Substation	BRY	63	2023-01-05T14:10:35	2023-01-05T14:10:57	0:00:22	Devils_Lake	Watkins_Shaun	Weather	
	Substation	R	23	2023-04-14T07:41:30	2023-04-14T07:41:36	0:00:06	Devils_Lake	Watkins_Shaun		
	Substation	BY	43	2023-04-14T08:18:37	2023-04-14T09:26:05	1:07:28	Devils_Lake	Watkins_Shaun		
										Heavy frost dropping off the lines and wind causing phases to slap together.
	Substation	BRY	63	2023-01-05T14:12:39	2023-01-05T14:19:49	0:07:10	Devils_Lake	Watkins_Shaun	Weather	
	Substation	BRY	63	2023-01-22T15:38:23	2023-01-22T15:43:37	0:05:14	Devils_Lake	Watkins_Shaun	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BRY	63	2023-01-23T03:17:55	2023-01-23T03:18:17	0:00:22	Devils_Lake	Watkins_Shaun	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BRY	63	2023-04-21T15:49:07	2023-04-21T17:40:40	1:51:33	Devils_Lake	Watkins_Shaun		
	Substation	R	23	2023-04-14T09:46:05	2023-04-14T09:46:11	0:00:06	Devils_Lake	Watkins_Shaun		
	Substation	R	23	2023-04-20T12:52:26	2023-04-20T12:52:30	0:00:04	Devils_Lake	Watkins_Shaun		
	Substation	BRY	63	2023-01-22T17:25:23	2023-01-22T17:26:47	0:01:24	Devils_Lake	Watkins_Shaun	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BRY	63	2023-06-28T17:59:10	2023-06-28T17:59:31	0:00:21	Devils_Lake	Watkins_Shaun		
	Substation	BRY	63	2023-07-26T22:37:15	2023-07-26T22:37:36	0:00:21	Devils_Lake	Watkins_Shaun		
	Substation	BRY	63	2023-11-08T02:49:15	2023-11-08T03:30:00	0:40:45	Devils_Lake	Watkins_Shaun		
	Substation	R	23	2023-04-14T10:10:09	2023-04-14T10:10:16	0:00:07	Devils_Lake	Watkins_Shaun		
	Substation	BRY	63	2023-06-27T22:33:12	2023-06-27T22:33:33	0:00:21	Devils_Lake	Watkins_Shaun		
	Substation	B	23	2023-01-20T00:00:36	2023-01-20T00:04:00	0:03:24	Devils_Lake	Watkins_Shaun	Weather	Dense Fog and Heavy Frost on Lines
	Substation	R	23	2023-04-14T09:40:50	2023-04-14T09:40:56	0:00:06	Devils_Lake	Watkins_Shaun		
	Substation	R	23	2023-08-27T06:44:45	2023-08-27T06:44:54	0:00:09	Devils_Lake	Watkins_Shaun		
	Substation	BRY	63	2023-01-05T12:30:42	2023-01-05T12:31:04	0:00:22	Devils_Lake	Watkins_Shaun	Weather	Heavy frost causing phases to slap together
										Heavy frost dropping off the lines and wind causing phases to slap together.
	Substation	BRY	63	2023-01-05T14:11:33	2023-01-05T14:12:07	0:00:34	Devils_Lake	Watkins_Shaun	Weather	
	Substation	BRY	63	2023-01-20T00:04:18	2023-01-20T00:56:56	0:52:38	Devils_Lake	Watkins_Shaun	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BRY	63	2023-01-23T03:14:31	2023-01-23T03:15:11	0:00:40	Devils_Lake	Watkins_Shaun	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BRY	63	2023-01-23T03:25:00	2023-01-23T03:25:22	0:00:22	Devils_Lake	Watkins_Shaun	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BRY	63	2023-01-23T03:29:08	2023-01-23T03:59:43	0:30:35	Devils_Lake	Watkins_Shaun	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BRY	63	2023-06-28T17:54:27	2023-06-28T17:54:46	0:00:19	Devils_Lake	Watkins_Shaun		
	Substation	BRY	63	2023-09-23T18:03:46	2023-09-23T18:04:08	0:00:22	Devils_Lake	Watkins_Shaun		
	Substation	BRY	63	2023-09-29T16:54:41	2023-09-29T16:55:21	0:00:40	Devils_Lake	Watkins_Shaun		
	Substation	R	23	2023-04-26T14:01:00	2023-04-26T14:02:04	0:01:04	Devils_Lake	Watkins_Shaun		
	Substation	BRY	62	2023-01-22T18:14:13	2023-01-22T18:54:45	0:40:32	Devils_Lake	Watkins_Shaun	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BRY	63	2023-01-20T10:33:14	2023-01-20T10:52:06	0:18:52	Devils_Lake	Watkins_Shaun	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BRY	63	2023-01-23T03:27:15	2023-01-23T03:28:01	0:00:46	Devils_Lake	Watkins_Shaun	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BRY	63	2023-06-28T19:20:55	2023-06-28T19:21:16	0:00:21	Devils_Lake	Watkins_Shaun		
	Substation	BRY	63	2023-06-28T20:27:53	2023-06-28T20:28:14	0:00:21	Devils_Lake	Watkins_Shaun		
	Substation	R	23	2023-04-14T07:33:34	2023-04-14T07:33:40	0:00:06	Devils_Lake	Watkins_Shaun		
	Substation	BRY	63	2023-01-23T03:22:16	2023-01-23T03:22:38	0:00:22	Devils_Lake	Watkins_Shaun	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BRY	143	2023-04-26T14:05:12	2023-04-26T17:16:11	3:10:59	Devils_Lake	Watkins_Shaun		
	FeederSection	R	15	2023-07-31T17:06:56	2023-07-31T17:07:03	0:00:07	Wahpeton	Wahpeton		
	Substation	R	25	2023-09-07T10:05:33	2023-09-07T10:05:52	0:00:19	Jamestown	Powers_Steve		
	Substation	R	25	2023-06-09T00:56:03	2023-06-09T00:56:39	0:00:36	Jamestown	Powers_Steve		

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service						Cause	Notes
				Outage Start	Outage End	Duration	Center	Region			
	Substation	R	25	2023-07-02T06:08:07	2023-07-02T06:08:22	0:00:15	Jamestown	Powers_Steve			
	Substation	R	25	2023-11-23T07:42:46	2023-11-23T08:20:24	0:37:38	Jamestown	Powers_Steve			
	Substation	R	25	2023-06-07T17:35:37	2023-06-07T18:22:30	0:46:53	Jamestown	Powers_Steve			
	Substation	R	25	2023-06-22T12:14:27	2023-06-22T13:58:39	1:44:12	Jamestown	Powers_Steve			
	Substation	R	25	2023-12-26T18:07:51	2023-12-26T19:03:56	0:56:05	Jamestown	Powers_Steve			
	Substation	R	25	2023-04-14T11:20:15	2023-04-14T11:21:21	0:01:06	Jamestown	Powers_Steve			
	Substation	R	25	2023-09-23T17:31:58	2023-09-23T17:32:12	0:00:14	Jamestown	Powers_Steve			
	Substation	BR	39	2023-08-31T11:44:09	2023-08-31T12:01:54	0:17:45	Rugby	Larson_Paul			
	Substation	BR	39	2023-05-23T03:45:29	2023-05-23T03:51:07	0:05:38	Rugby	Larson_Paul			
	Substation	BY	24	2023-08-31T01:43:59	2023-08-31T01:45:57	0:01:58	Rugby	Larson_Paul			
	Substation	BR	39	2023-09-07T11:27:16	2023-09-07T11:27:35	0:00:19	Rugby	Larson_Paul			
	Substation	BR	39	2023-08-23T04:02:33	2023-08-23T04:02:51	0:00:18	Rugby	Larson_Paul			
	Substation	BR	39	2023-07-02T05:04:57	2023-07-02T05:05:13	0:00:16	Rugby	Larson_Paul			
	Substation	BR	38	2023-06-28T16:33:34	2023-06-28T16:33:48	0:00:14	Rugby	Larson_Paul			
	Substation	BR	39	2023-05-03T09:38:09	2023-05-03T09:38:23	0:00:14	Rugby	Larson_Paul			
	Substation	R	15	2023-08-31T01:43:55	2023-08-31T01:43:56	0:00:01	Rugby	Larson_Paul			
	Feeder	BR	352	2023-08-04T10:11:48	2023-08-04T10:12:51	0:01:03	Jamestown	Grosgebauer_John			
	Feeder	BR	352	2023-11-06T09:06:51	2023-11-06T09:06:58	0:00:07	Jamestown	Grosgebauer_John			
	Feeder	BR	352	2023-09-29T06:46:14	2023-09-29T06:46:19	0:00:05	Jamestown	Grosgebauer_John			
	Substation	BR	634	2023-09-29T06:46:11	2023-09-29T06:46:30	0:00:19	Jamestown	Grosgebauer_John			
	Feeder	Y	118	2023-09-29T06:46:25	2023-09-29T06:46:30	0:00:05	Jamestown	Grosgebauer_John			
	Feeder	BR	334	2023-02-13T11:44:05	2023-02-13T11:44:14	0:00:09	Jamestown	Grosgebauer_John			
	Feeder	B	96	2023-01-03T11:27:17	2023-01-03T11:27:37	0:00:20	Jamestown	Grosgebauer_John	Itron meter voltage source failure	Customer was disconnected. Only 1 customer impacted.	
	Feeder	B	96	2023-03-27T10:17:23	2023-03-27T10:33:06	0:15:43	Jamestown	Grosgebauer_John			
	Feeder	B	96	2023-03-07T10:45:42	2023-03-07T10:45:57	0:00:15	Jamestown	Grosgebauer_John			
	Feeder	B	96	2023-08-11T14:09:40	2023-08-11T14:09:51	0:00:11	Jamestown	Grosgebauer_John			
	Feeder	Y	159	2023-09-29T06:46:16	2023-09-29T06:46:22	0:00:06	Jamestown	Grosgebauer_John			
	Feeder	BR	368	2023-08-18T17:48:20	2023-08-18T17:48:24	0:00:04	Jamestown	Grosgebauer_John			
	FeederSection	R	1	2023-01-01T16:56:51	2023-01-01T18:43:35	1:46:44	Devils_Lake	Bruce_Jody	Equip Fail Fuse unknown cause	Unknown	
	FeederSection	BY	2	2023-07-01T01:39:59	2023-07-01T01:40:15	0:00:16	Devils_Lake	Bruce_Jody			
	Substation	BR	86	2023-05-10T02:27:37	2023-05-10T02:27:56	0:00:19	Jamestown	Erickson_Joe			
	Substation	BR	86	2023-09-11T23:37:57	2023-09-11T23:38:15	0:00:18	Jamestown	Erickson_Joe			
	Substation	BR	86	2023-12-28T12:20:58	2023-12-28T12:21:19	0:00:21	Jamestown	Erickson_Joe			
	Substation	BR	86	2023-12-28T12:43:04	2023-12-28T12:43:23	0:00:19	Jamestown	Erickson_Joe			
	Substation	BR	86	2023-12-28T15:18:18	2023-12-28T15:20:32	0:02:14	Jamestown	Erickson_Joe			
	Substation	Y	30	2023-10-23T11:55:04	2023-10-23T11:55:10	0:00:06	Jamestown	Erickson_Joe			
	Substation	BR	86	2023-12-26T07:50:42	2023-12-27T18:55:52	35:05:10	Jamestown	Erickson_Joe			
	Substation	R	31	2023-12-26T06:59:39	2023-12-26T06:59:46	0:00:07	Jamestown	Erickson_Joe			
	Substation	BR	86	2023-12-28T12:32:29	2023-12-28T12:33:09	0:00:40	Jamestown	Erickson_Joe			
	Substation	BR	169	2023-12-28T14:22:16	2023-12-28T14:23:24	0:01:08	Jamestown	Erickson_Joe			
	Substation	BR	19	2023-02-13T11:40:10	2023-02-13T11:40:20	0:00:10	Devils_Lake	Hetletved_Kyle			
	Substation	BR	19	2023-07-18T16:02:57	2023-07-18T16:03:02	0:00:05	Devils_Lake	Hetletved_Kyle			
	Substation	BR	19	2023-01-05T21:35:27	2023-01-05T23:21:48	1:46:21	Devils_Lake	Hetletved_Kyle	Weather	Heavy frost dropping off the lines and wind causing phases to slap together.	
	Substation	BR	19	2023-01-07T03:54:12	2023-01-07T03:55:08	0:00:56	Devils_Lake	Hetletved_Kyle	Weather	Heavy frost dropping off	
	Substation	BR	19	2023-06-26T18:03:17	2023-06-26T18:03:23	0:00:06	Devils_Lake	Hetletved_Kyle			
	Substation	BR	19	2023-01-05T11:40:08	2023-01-05T11:40:23	0:00:15	Devils_Lake	Hetletved_Kyle	Weather	Heavy frost causing phases to slap together	
	Substation	BR	19	2023-01-20T07:00:56	2023-01-20T07:01:03	0:00:07	Devils_Lake	Hetletved_Kyle	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	BR	19	2023-07-07T04:20:58	2023-07-07T04:21:07	0:00:09	Devils_Lake	Hetletved_Kyle			
	Substation	BR	19	2023-07-07T04:38:09	2023-07-07T04:38:15	0:00:06	Devils_Lake	Hetletved_Kyle			

Equipment ID	Equipment Type	Phase(s)	Customers	Outage Start	Outage End	Customer Service			Cause	Notes
						Duration	Center	Region		
	Substation	RBY	19	2023-01-05T23:31:38	2023-01-05T23:32:00	0:00:22	Devils_Lake	Hetletved_Kyle	Weather	Heavy frost dropping off the lines and wind causing phases to slap together.
	Substation	RBY	19	2023-01-27T01:08:57	2023-01-27T02:13:32	1:04:35	Devils_Lake	Hetletved_Kyle		
	Substation	RBY	19	2023-06-13T16:52:01	2023-06-13T16:52:07	0:00:06	Devils_Lake	Hetletved_Kyle		
	Substation	RBY	19	2023-01-04T23:20:20	2023-01-04T23:20:28	0:00:08	Devils_Lake	Hetletved_Kyle	Weather	Heavy frost causing phases to slap together
	Substation	RBY	19	2023-07-06T20:33:58	2023-07-06T20:34:04	0:00:06	Devils_Lake	Hetletved_Kyle		
	Substation	RBY	19	2023-09-05T00:08:44	2023-09-05T00:08:50	0:00:06	Devils_Lake	Hetletved_Kyle		
	Substation	RBY	19	2023-09-02T08:42:23	2023-09-02T08:42:27	0:00:04	Devils_Lake	Hetletved_Kyle		
	Feeder	RBY	113	2023-12-26T00:52:26	2023-12-26T22:13:20	21:20:54	Jamestown	Atkinson_Tom		
	Feeder	RBY	113	2023-12-27T16:11:17	2023-12-28T13:29:34	21:18:17	Jamestown	Atkinson_Tom		
	Feeder	RBY	113	2023-12-27T11:50:29	2023-12-27T14:27:57	2:37:28	Jamestown	Atkinson_Tom		
	Feeder	RBY	113	2023-07-02T07:55:05	2023-07-02T07:55:12	0:00:07	Jamestown	Atkinson_Tom		
	Feeder	RBY	113	2023-07-21T16:06:14	2023-07-21T16:06:19	0:00:05	Jamestown	Atkinson_Tom		
	Feeder	RBY	113	2023-07-21T16:19:51	2023-07-21T16:19:59	0:00:08	Jamestown	Atkinson_Tom		
	Feeder	RBY	113	2023-08-31T08:03:29	2023-08-31T08:03:35	0:00:06	Jamestown	Atkinson_Tom		
	Feeder	RBY	113	2023-06-04T10:03:35	2023-06-04T10:03:41	0:00:06	Jamestown	Atkinson_Tom		
	Feeder	RBY	113	2023-08-31T09:00:24	2023-08-31T09:00:30	0:00:06	Jamestown	Atkinson_Tom		
	Feeder	RBY	113	2023-12-28T13:30:29	2023-12-28T19:31:46	6:01:17	Jamestown	Atkinson_Tom		
	Substation	RBY	715	2023-11-07T11:11:39	2023-11-07T11:25:34	0:13:55	Rugby	Lee_James		
	Substation	RBY	715	2023-07-24T09:51:21	2023-07-24T10:04:46	0:13:25	Rugby	Lee_James		
	Substation	RBY	715	2023-07-28T11:18:08	2023-07-28T11:19:15	0:01:07	Rugby	Lee_James		
	Substation	RBY	715	2023-12-08T14:45:47	2023-12-08T14:46:25	0:00:38	Rugby	Lee_James		
	Substation	RBY	715	2023-12-08T16:04:54	2023-12-08T16:05:22	0:00:28	Rugby	Lee_James		
	Substation	RBY	715	2023-12-08T14:18:54	2023-12-08T14:19:21	0:00:27	Rugby	Lee_James		
	Substation	RBY	715	2023-05-17T09:01:06	2023-05-17T09:01:14	0:00:08	Rugby	Lee_James		
	Substation	RBY	715	2023-01-21T18:28:23	2023-01-21T18:28:30	0:00:07	Rugby	Lee_James	Weather	Dense Fog and Heavy Frost on Lines
	Substation	RBY	715	2023-05-17T09:05:40	2023-05-17T09:05:47	0:00:07	Rugby	Lee_James		
	Substation	RBY	715	2023-06-03T20:34:24	2023-06-03T20:34:30	0:00:06	Rugby	Lee_James		
	Substation	RBY	715	2023-12-08T14:10:13	2023-12-08T14:10:18	0:00:05	Rugby	Lee_James		
	Feeder	RBY	455	2023-01-17T12:09:51	2023-01-17T12:09:58	0:00:07	Rugby	Lee_James	Weather	Dense Fog and Heavy Frost on Lines
	Feeder	RBY	455	2023-01-17T13:20:51	2023-01-17T13:20:58	0:00:07	Rugby	Lee_James	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BR	66	2023-05-27T08:32:03	2023-05-27T08:32:11	0:00:08	Devils_Lake	Watkins_Shaun		
	Substation	RBY	95	2023-03-14T05:46:29	2023-03-14T05:47:10	0:00:41	Devils_Lake	Watkins_Shaun		
	Substation	Y	29	2023-05-27T08:32:17	2023-05-27T08:32:25	0:00:08	Devils_Lake	Watkins_Shaun		
	Substation	BR	95	2023-03-14T08:02:24	2023-03-14T08:02:48	0:00:24	Devils_Lake	Watkins_Shaun		
	Substation	BR	95	2023-03-14T08:09:56	2023-03-14T08:10:38	0:00:42	Devils_Lake	Watkins_Shaun		
	Substation	Y	35	2023-12-10T14:39:48	2023-12-10T15:19:52	0:40:04	Devils_Lake	Watkins_Shaun		
	Substation	BR	95	2023-07-13T14:30:46	2023-07-13T14:31:07	0:00:21	Devils_Lake	Watkins_Shaun		
	Substation	BR	95	2023-03-14T06:10:13	2023-03-14T06:10:36	0:00:23	Devils_Lake	Watkins_Shaun		
	Substation	BR	95	2023-03-14T08:14:30	2023-03-14T08:15:40	0:01:10	Devils_Lake	Watkins_Shaun		
	Substation	BR	95	2023-07-02T06:08:24	2023-07-02T06:08:47	0:00:23	Devils_Lake	Watkins_Shaun		
	Substation	BR	95	2023-09-07T15:18:07	2023-09-07T15:18:28	0:00:21	Devils_Lake	Watkins_Shaun		
	Substation	BR	95	2023-11-15T09:14:19	2023-11-15T09:15:02	0:00:43	Devils_Lake	Watkins_Shaun		
	Substation	BR	95	2023-03-14T06:11:54	2023-03-14T06:12:17	0:00:23	Devils_Lake	Watkins_Shaun		
	Substation	BR	95	2023-03-13T21:59:42	2023-03-13T22:00:06	0:00:24	Devils_Lake	Watkins_Shaun		
	Substation	BR	95	2023-01-20T01:02:47	2023-01-20T01:13:12	0:10:25	Devils_Lake	Watkins_Shaun	Weather	Dense Fog and Heavy Frost on Lines
	Substation	RBY	95	2023-07-13T14:48:33	2023-07-13T14:48:53	0:00:20	Devils_Lake	Watkins_Shaun		
	Substation	RBY	95	2023-03-14T08:12:43	2023-03-14T08:13:28	0:00:45	Devils_Lake	Watkins_Shaun		
	Substation	BR	95	2023-08-03T23:15:23	2023-08-03T23:16:28	0:01:05	Devils_Lake	Watkins_Shaun		
	Substation	RBY	26	2023-08-31T03:10:28	2023-08-31T03:10:36	0:00:08	Devils_Lake	Eriksson_Lehmann_Gardner		
	Substation	RBY	26	2023-04-10T13:08:31	2023-04-17T13:56:07	#####	Devils_Lake	Eriksson_Lehmann_Gardner	Itron meter failure	RDJ 4/28/23
	Substation	RBY	26	2023-08-31T03:15:36	2023-08-31T03:15:43	0:00:07	Devils_Lake	Eriksson_Lehmann_Gardner		
	Substation	RBY	26	2023-04-28T01:05:57	2023-04-28T02:14:57	1:09:00	Devils_Lake	Eriksson_Lehmann_Gardner		

Equipment ID	Equipment Type	Phase(s)	Customers	Outage Start	Outage End	Duration	Customer Service		Cause	Notes
							Center	Region		
	Substation	RBY	26	2023-06-28T18:00:30	2023-06-28T18:00:34	0:00:04	Devils_Lake	Eriksson_Lehmann_Gardner		
	Substation	RBY	179	2023-01-05T14:10:43	2023-01-05T14:10:52	0:00:09	Devils_Lake	Devils_Lake	Weather	Heavy frost dropping off the lines and wind causing phases to slap together.
	Substation	RBY	179	2023-01-19T11:56:02	2023-01-19T11:56:29	0:00:27	Devils_Lake	Devils_Lake	Weather	Dense Fog and Heavy Frost on Lines
	Substation	RBY	179	2023-01-23T02:45:17	2023-01-23T02:46:30	0:01:13	Devils_Lake	Devils_Lake	Weather	Dense Fog and Heavy Frost on Lines
	Substation	RBY	179	2023-01-23T03:22:25	2023-01-23T03:22:32	0:00:07	Devils_Lake	Devils_Lake	Weather	Dense Fog and Heavy Frost on Lines
	Substation	RBY	179	2023-11-08T02:49:13	2023-11-08T03:29:49	0:40:36	Devils_Lake	Devils_Lake		
	Substation	RBY	179	2023-01-20T00:04:27	2023-01-20T00:32:26	0:27:59	Devils_Lake	Devils_Lake	Weather	Dense Fog and Heavy Frost on Lines
	Substation	RBY	179	2023-01-23T03:27:25	2023-01-23T03:27:56	0:00:31	Devils_Lake	Devils_Lake	Weather	Dense Fog and Heavy Frost on Lines
	Substation	RBY	179	2023-06-27T22:33:12	2023-06-27T22:33:19	0:00:07	Devils_Lake	Devils_Lake		
	Substation	RBY	179	2023-01-22T15:38:34	2023-01-22T15:43:32	0:04:58	Devils_Lake	Devils_Lake	Weather	Dense Fog and Heavy Frost on Lines
	Substation	RBY	179	2023-06-28T17:54:27	2023-06-28T17:54:32	0:00:05	Devils_Lake	Devils_Lake		
	Substation	RBY	179	2023-06-28T20:27:53	2023-06-28T20:28:00	0:00:07	Devils_Lake	Devils_Lake		
	Substation	RBY	179	2023-07-26T22:37:19	2023-07-26T22:37:21	0:00:02	Devils_Lake	Devils_Lake		
	Substation	RBY	179	2023-01-20T00:00:31	2023-01-20T00:03:55	0:03:24	Devils_Lake	Devils_Lake	Weather	Dense Fog and Heavy Frost on Lines
	Substation	RBY	179	2023-01-23T03:29:17	2023-01-23T03:47:07	0:17:50	Devils_Lake	Devils_Lake	Weather	Dense Fog and Heavy Frost on Lines
	Substation	RBY	179	2023-06-28T17:59:10	2023-06-28T17:59:17	0:00:07	Devils_Lake	Devils_Lake		
	Substation	RBY	179	2023-01-22T18:14:23	2023-01-22T18:43:58	0:29:35	Devils_Lake	Devils_Lake	Weather	Dense Fog and Heavy Frost on Lines
	Substation	RBY	179	2023-06-28T19:20:55	2023-06-28T19:21:02	0:00:07	Devils_Lake	Devils_Lake		
	Substation	RBY	179	2023-01-05T12:30:50	2023-01-05T12:30:59	0:00:09	Devils_Lake	Devils_Lake	Weather	Heavy frost causing phases to slap together
	Substation	RBY	179	2023-01-23T03:14:40	2023-01-23T03:15:06	0:00:26	Devils_Lake	Devils_Lake	Weather	Dense Fog and Heavy Frost on Lines
	Substation	RBY	179	2023-01-20T10:33:23	2023-01-20T10:52:01	0:18:38	Devils_Lake	Devils_Lake	Weather	Dense Fog and Heavy Frost on Lines
	Substation	RBY	179	2023-01-22T17:25:34	2023-01-22T17:26:42	0:01:08	Devils_Lake	Devils_Lake	Weather	Dense Fog and Heavy Frost on Lines
	Substation	RBY	179	2023-06-25T02:04:16	2023-06-25T02:04:24	0:00:08	Devils_Lake	Devils_Lake		
	Substation	RBY	179	2023-09-29T16:54:41	2023-09-29T16:55:04	0:00:23	Devils_Lake	Devils_Lake		
	Substation	RBY	179	2023-01-05T14:11:42	2023-01-05T14:12:02	0:00:20	Devils_Lake	Devils_Lake	Weather	Heavy frost dropping off the lines and wind causing phases to slap together.
	Substation	RBY	179	2023-01-05T14:12:47	2023-01-05T14:19:44	0:06:57	Devils_Lake	Devils_Lake	Weather	Heavy frost dropping off the lines and wind causing phases to slap together.
	Substation	RBY	179	2023-01-23T03:18:04	2023-01-23T03:18:12	0:00:08	Devils_Lake	Devils_Lake	Weather	Dense Fog and Heavy Frost on Lines
	Substation	RBY	179	2023-01-23T03:25:09	2023-01-23T03:25:16	0:00:07	Devils_Lake	Devils_Lake	Weather	Dense Fog and Heavy Frost on Lines
	Substation	RBY	179	2023-09-23T18:03:44	2023-09-23T18:03:51	0:00:07	Devils_Lake	Devils_Lake		
	Substation	R	1	2023-01-05T14:12:53	2023-01-05T14:19:51	0:06:58	Devils_Lake	Devils_Lake	Weather	Heavy frost dropping off the lines and wind causing phases to slap together.
	Substation	R	1	2023-01-23T02:45:23	2023-01-23T02:46:36	0:01:13	Devils_Lake	Devils_Lake		
	Substation	R	1	2023-01-23T03:14:47	2023-01-23T03:15:12	0:00:25	Devils_Lake	Devils_Lake		
	Substation	R	1	2023-11-08T02:49:21	2023-11-08T03:29:57	0:40:36	Devils_Lake	Devils_Lake		
	Substation	R	1	2023-06-25T02:04:23	2023-06-25T02:04:32	0:00:09	Devils_Lake	Devils_Lake		
	Substation	R	1	2023-01-22T18:14:29	2023-01-22T20:16:02	2:01:33	Devils_Lake	Devils_Lake	Weather	Dense Fog and Heavy Frost on Lines
	Substation	R	1	2023-01-23T03:18:10	2023-01-23T03:18:18	0:00:08	Devils_Lake	Devils_Lake		
	Substation	R	1	2023-06-28T17:54:30	2023-06-28T17:54:39	0:00:09	Devils_Lake	Devils_Lake		
	Substation	R	1	2023-01-05T12:30:57	2023-01-05T12:31:06	0:00:09	Devils_Lake	Devils_Lake	Weather	Heavy frost dropping off the lines and wind causing phases to slap together.
	Substation	R	1	2023-01-23T03:22:30	2023-01-23T03:22:39	0:00:09	Devils_Lake	Devils_Lake		
	Substation	R	1	2023-01-23T03:25:15	2023-01-23T03:25:23	0:00:08	Devils_Lake	Devils_Lake		
	Substation	R	1	2023-01-19T11:56:08	2023-01-19T11:56:35	0:00:27	Devils_Lake	Devils_Lake	Weather	Dense Fog and Heavy Frost on Lines
	Substation	R	1	2023-01-19T17:45:51	2023-01-19T18:11:00	0:25:09	Devils_Lake	Devils_Lake	Weather	Dense Fog and Heavy Frost on Lines
	Substation	R	1	2023-01-22T15:38:40	2023-01-22T15:43:39	0:04:59	Devils_Lake	Devils_Lake	Weather	Dense Fog and Heavy Frost on Lines
	Substation	R	1	2023-06-28T17:59:18	2023-06-28T17:59:25	0:00:07	Devils_Lake	Devils_Lake		
	Substation	R	1	2023-09-23T18:03:52	2023-09-23T18:03:59	0:00:07	Devils_Lake	Devils_Lake		
	Substation	R	1	2023-01-05T14:11:49	2023-01-05T14:12:09	0:00:20	Devils_Lake	Devils_Lake	Weather	Heavy frost dropping off the lines and wind causing phases to slap together.
	Substation	R	1	2023-01-20T00:00:39	2023-01-20T00:04:02	0:03:23	Devils_Lake	Devils_Lake	Weather	Dense Fog and Heavy Frost on Lines
	Substation	R	1	2023-01-22T17:25:40	2023-01-22T17:26:49	0:01:09	Devils_Lake	Devils_Lake	Weather	Dense Fog and Heavy Frost on Lines

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service						
				Outage Start	Outage End	Duration	Center	Region	Cause	Notes
	Substation	R	1	2023-06-27T22:33:19	2023-06-27T22:33:27	0:00:08	Devils_Lake	Devils_Lake		
	Substation	R	1	2023-06-28T20:28:00	2023-06-28T20:28:07	0:00:07	Devils_Lake	Devils_Lake		
	Substation	R	1	2023-01-20T00:04:34	2023-01-20T00:56:58	0:52:24	Devils_Lake	Devils_Lake	Weather	Dense Fog and Heavy Frost on Lines
	Substation	R	1	2023-01-23T03:27:31	2023-01-23T03:28:02	0:00:31	Devils_Lake	Devils_Lake		
	Substation	R	1	2023-01-23T03:29:23	2023-01-23T12:53:07	9:23:44	Devils_Lake	Devils_Lake		
	Substation	R	1	2023-06-28T19:21:02	2023-06-28T19:21:10	0:00:08	Devils_Lake	Devils_Lake		
	Substation	R	1	2023-12-06T09:29:29	2023-12-06T11:31:19	2:01:50	Devils_Lake	Devils_Lake		
	Substation	R	1	2023-01-05T14:10:50	2023-01-05T14:10:59	0:00:09	Devils_Lake	Devils_Lake	Weather	Heavy frost dropping off the lines and wind causing phases to slap together.
	Substation	R	1	2023-01-20T10:33:30	2023-01-20T10:52:08	0:18:38	Devils_Lake	Devils_Lake	Weather	Dense Fog and Heavy Frost on Lines
	Substation	R	1	2023-07-26T22:37:24	2023-07-26T22:37:29	0:00:05	Devils_Lake	Devils_Lake		
	Substation	R	1	2023-09-29T16:54:45	2023-09-29T16:55:11	0:00:26	Devils_Lake	Devils_Lake		
	FeederSection	Y	12	2023-08-13T11:21:21	2023-08-13T11:21:26	0:00:05	Wahpeton	Wahpeton		
	Substation	BR	32	2023-08-09T00:40:25	2023-08-09T05:15:11	4:34:46	Rugby	Hetletved_Klay		
	Substation	BR	32	2023-01-20T06:08:52	2023-01-20T08:10:40	2:01:48	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BR	32	2023-01-23T01:43:45	2023-01-23T03:16:14	1:32:29	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BR	32	2023-12-14T15:44:10	2023-12-14T16:44:49	1:00:39	Rugby	Hetletved_Klay		
	Substation	BR	31	2023-12-08T11:09:48	2023-12-08T11:58:18	0:48:30	Rugby	Hetletved_Klay		
	Substation	BR	32	2023-01-18T15:46:28	2023-01-18T15:58:13	0:11:45	Rugby	Hetletved_Klay	Equip Fail Conductor Equip Fail	Broken conductor
	Substation	BR	32	2023-01-08T10:32:18	2023-01-08T10:42:07	0:09:49	Rugby	Hetletved_Klay	Insulator	Three floaters due to broken ties
	Substation	RB	32	2023-09-05T00:04:38	2023-09-05T00:06:33	0:01:55	Rugby	Hetletved_Klay		
	Substation	BR	32	2023-01-22T23:46:20	2023-01-22T23:47:19	0:00:59	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BR	32	2023-01-23T01:32:44	2023-01-23T01:33:37	0:00:53	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BR	32	2023-01-23T01:02:34	2023-01-23T01:03:23	0:00:49	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BR	32	2023-01-23T01:19:10	2023-01-23T01:19:58	0:00:48	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BR	31	2023-01-23T01:04:06	2023-01-23T01:04:54	0:00:48	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BR	31	2023-01-23T01:38:49	2023-01-23T01:39:37	0:00:48	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BR	32	2023-01-23T01:14:01	2023-01-23T01:14:33	0:00:32	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BR	32	2023-01-23T01:35:41	2023-01-23T01:36:08	0:00:27	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BR	31	2023-01-23T01:31:20	2023-01-23T01:31:47	0:00:27	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BR	32	2023-08-01T21:16:38	2023-08-01T21:16:49	0:00:11	Rugby	Hetletved_Klay		
	Substation	BR	32	2023-05-12T19:28:36	2023-05-12T19:28:45	0:00:09	Rugby	Hetletved_Klay		
	Substation	BR	32	2023-08-09T00:32:53	2023-08-09T00:33:02	0:00:09	Rugby	Hetletved_Klay		
	Substation	BR	32	2023-09-04T20:49:24	2023-09-04T20:49:33	0:00:09	Rugby	Hetletved_Klay		
	Substation	BR	32	2023-11-02T14:18:06	2023-11-02T14:18:15	0:00:09	Rugby	Hetletved_Klay		
	Substation	BR	32	2023-09-04T20:40:36	2023-09-04T20:40:44	0:00:08	Rugby	Hetletved_Klay		
	Substation	BRY	6	2023-08-24T14:07:01	2023-08-24T14:07:24	0:00:23	Devils_Lake	Bruce_Jody		
	Substation	BRY	6	2023-12-24T05:30:29	2023-12-24T07:36:27	2:05:58	Devils_Lake	Bruce_Jody		
	Substation	BRY	6	2023-06-20T17:47:20	2023-06-20T17:47:45	0:00:25	Devils_Lake	Bruce_Jody		
	Substation	BRY	6	2023-07-19T03:13:36	2023-07-19T03:14:01	0:00:25	Devils_Lake	Bruce_Jody		
	Substation	BRY	6	2023-08-20T15:13:40	2023-08-20T15:14:02	0:00:22	Devils_Lake	Bruce_Jody		
	Substation	BRY	6	2023-08-21T02:38:31	2023-08-21T04:18:25	1:39:54	Devils_Lake	Bruce_Jody		
	Substation	BRY	6	2023-10-19T11:10:45	2023-10-19T11:11:08	0:00:23	Devils_Lake	Bruce_Jody		
	Substation	BRY	6	2023-01-05T09:36:53	2023-01-05T09:37:21	0:00:28	Devils_Lake	Bruce_Jody	Weather	Heavy frost causing phases to slap together
	Substation	BRY	6	2023-12-24T05:14:15	2023-12-24T05:29:17	0:15:02	Devils_Lake	Bruce_Jody		
	Substation	B	48	2023-04-12T08:28:12	2023-04-12T08:28:38	0:00:26	Jamestown	Erickson_Joe		
	Substation	B	48	2023-05-23T18:11:03	2023-05-23T18:11:29	0:00:26	Jamestown	Erickson_Joe		
	Substation	B	48	2023-07-08T16:31:17	2023-07-08T16:35:15	0:03:58	Jamestown	Erickson_Joe		
	Substation	B	48	2023-08-01T16:33:35	2023-08-01T16:33:43	0:00:08	Jamestown	Erickson_Joe		
	Substation	B	48	2023-09-05T04:16:14	2023-09-05T04:16:37	0:00:23	Jamestown	Erickson_Joe		
	Substation	B	48	2023-04-19T07:30:25	2023-04-19T07:30:54	0:00:29	Jamestown	Erickson_Joe		
	Substation	B	48	2023-05-23T18:28:28	2023-05-23T18:28:55	0:00:27	Jamestown	Erickson_Joe		

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service						Cause	Notes
				Outage Start	Outage End	Duration	Center	Region			
	Feeder	B	27	2023-06-19T01:02:55	2023-06-19T10:12:14	9:09:19	Jamestown	Erickson_Joe			
	Substation	RY	1	2023-01-20T12:49:42	2023-01-20T12:50:45	0:01:03	Devils_Lake	Paul_Larson	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	RY	1	2023-06-05T15:14:35	2023-06-05T15:38:39	0:24:04	Devils_Lake	Paul_Larson			
	Substation	RY	1	2023-06-24T17:39:21	2023-06-24T17:44:17	0:04:56	Devils_Lake	Paul_Larson			
	Substation	RY	1	2023-04-19T17:45:39	2023-04-19T19:08:51	1:23:12	Devils_Lake	Paul_Larson			
	Substation	RY	1	2023-06-20T21:07:20	2023-06-21T03:49:56	6:42:36	Devils_Lake	Paul_Larson			
	Substation	RY	1	2023-06-08T18:40:21	2023-06-08T18:40:37	0:00:16	Devils_Lake	Paul_Larson			
	Substation	RY	1	2023-07-04T19:05:54	2023-07-04T19:06:10	0:00:16	Devils_Lake	Paul_Larson			
	Substation	RY	1	2023-08-09T15:49:25	2023-08-09T15:49:39	0:00:14	Devils_Lake	Paul_Larson			
	Substation	RY	1	2023-07-11T09:39:30	2023-07-11T09:39:48	0:00:18	Devils_Lake	Paul_Larson			
	Feeder	RBY	249	2023-04-09T11:26:54	2023-04-09T11:27:57	0:01:03	Devils_Lake	Bruce_Jody			
	Feeder	RBY	249	2023-04-09T11:44:26	2023-04-09T11:44:33	0:00:07	Devils_Lake	Bruce_Jody			
	Feeder	RBY	249	2023-06-05T15:14:35	2023-06-05T15:38:29	0:23:54	Devils_Lake	Bruce_Jody			
	Feeder	RBY	249	2023-06-24T17:39:22	2023-06-24T17:44:09	0:04:47	Devils_Lake	Bruce_Jody			
	Feeder	RBY	249	2023-04-09T12:21:14	2023-04-09T12:21:21	0:00:07	Devils_Lake	Bruce_Jody			
	Feeder	RBY	249	2023-07-04T19:05:58	2023-07-04T19:07:00	0:01:02	Devils_Lake	Bruce_Jody			
	Feeder	RBY	249	2023-02-09T11:07:30	2023-02-09T11:07:38	0:00:08	Devils_Lake	Bruce_Jody			
	Feeder	RBY	249	2023-06-08T18:40:24	2023-06-08T18:40:28	0:00:04	Devils_Lake	Bruce_Jody			
	Feeder	RBY	249	2023-08-09T15:49:25	2023-08-09T15:49:32	0:00:07	Devils_Lake	Bruce_Jody			
	Substation	RBY	817	2023-06-05T15:14:37	2023-06-05T15:38:41	0:24:04	Devils_Lake	Bruce_Jody			
	Substation	RBY	817	2023-08-09T15:49:29	2023-08-09T15:50:34	0:01:05	Devils_Lake	Bruce_Jody			
	Substation	RBY	817	2023-07-04T19:05:57	2023-07-04T19:06:12	0:00:15	Devils_Lake	Bruce_Jody			
	Substation	RBY	817	2023-06-08T18:40:23	2023-06-08T18:40:38	0:00:15	Devils_Lake	Bruce_Jody			
	Substation	RBY	817	2023-06-24T17:39:24	2023-06-24T17:44:19	0:04:55	Devils_Lake	Bruce_Jody			
	Feeder	RBY	551	2023-08-25T14:07:24	2023-08-25T14:07:28	0:00:04	Devils_Lake	Bruce_Jody			
	Feeder	RBY	551	2023-08-05T09:07:38	2023-08-05T09:07:44	0:00:06	Devils_Lake	Bruce_Jody			
	Feeder	RBY	551	2023-04-11T08:14:50	2023-04-11T08:14:56	0:00:06	Devils_Lake	Bruce_Jody			
	Feeder	RBY	551	2023-04-17T14:45:38	2023-04-17T14:45:44	0:00:06	Devils_Lake	Bruce_Jody			
	Feeder	RBY	551	2023-06-19T08:59:59	2023-06-19T09:00:03	0:00:04	Devils_Lake	Bruce_Jody			
	Feeder	RBY	551	2023-12-01T12:23:06	2023-12-01T12:23:18	0:00:12	Devils_Lake	Bruce_Jody			
	Feeder	RBY	551	2023-07-07T11:18:05	2023-07-07T11:18:10	0:00:05	Devils_Lake	Bruce_Jody			
	Feeder	RBY	551	2023-11-21T12:34:57	2023-11-21T12:35:02	0:00:05	Devils_Lake	Bruce_Jody			
	Feeder	RBY	551	2023-07-24T14:44:31	2023-07-24T14:44:35	0:00:04	Devils_Lake	Bruce_Jody			
	Feeder	RBY	551	2023-11-12T12:15:23	2023-11-12T12:15:29	0:00:06	Devils_Lake	Bruce_Jody			
	Feeder	RBY	266	2023-01-07T01:51:50	2023-01-07T01:51:55	0:00:05	Devils_Lake	Bruce_Jody	Weather	Heavy frost dropping off	
	Feeder	RBY	266	2023-01-07T02:36:41	2023-01-07T02:37:19	0:00:38	Devils_Lake	Bruce_Jody	Weather	Heavy frost dropping off	
	Feeder	RBY	266	2023-01-07T02:37:51	2023-01-07T05:10:03	2:32:12	Devils_Lake	Bruce_Jody	Weather	Heavy frost dropping off	
	Feeder	RBY	266	2023-10-10T16:38:34	2023-10-10T16:38:40	0:00:06	Devils_Lake	Bruce_Jody			
	Feeder	RBY	266	2023-01-07T01:57:03	2023-01-07T01:57:10	0:00:07	Devils_Lake	Bruce_Jody	Weather	Heavy frost dropping off	
	Feeder	RBY	266	2023-02-17T20:55:44	2023-02-17T20:55:52	0:00:08	Devils_Lake	Bruce_Jody			
	Feeder	RBY	266	2023-10-10T16:17:45	2023-10-10T16:17:52	0:00:07	Devils_Lake	Bruce_Jody			
	Substation	RBY	280	2023-09-29T07:55:00	2023-09-29T07:55:06	0:00:06	Wahpeton	Wahpeton			
	Substation	RBY	280	2023-07-28T14:25:08	2023-07-28T14:25:14	0:00:06	Wahpeton	Wahpeton			
	Substation	RBY	280	2023-10-03T19:33:21	2023-10-03T19:33:27	0:00:06	Wahpeton	Wahpeton			
	Substation	RBY	280	2023-06-16T20:25:09	2023-06-16T20:25:15	0:00:06	Wahpeton	Wahpeton			
	Substation	RBY	280	2023-06-22T06:31:51	2023-06-22T06:31:56	0:00:05	Wahpeton	Wahpeton			
	Substation	Y	4	2023-07-20T07:12:51	2023-07-20T07:13:07	0:00:16	Rugby	Schell_Peary			
	Substation	Y	4	2023-10-02T12:24:24	2023-10-02T12:24:36	0:00:12	Rugby	Schell_Peary			
	Substation	Y	4	2023-11-05T09:18:25	2023-11-05T09:18:36	0:00:11	Rugby	Schell_Peary			
	Substation	Y	4	2023-06-20T21:30:32	2023-06-20T21:30:43	0:00:11	Rugby	Schell_Peary			
	Substation	Y	4	2023-06-28T16:29:26	2023-06-28T16:29:36	0:00:10	Rugby	Schell_Peary			
	Feeder	RBY	1074	2023-10-15T13:04:57	2023-10-15T13:05:06	0:00:09	Rugby	Voeller_Mark			
	Feeder	RBY	1074	2023-09-29T07:23:39	2023-09-29T07:23:47	0:00:08	Rugby	Voeller_Mark			
	Feeder	RBY	1074	2023-05-14T12:31:42	2023-05-14T12:31:48	0:00:06	Rugby	Voeller_Mark			

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service							Cause	Notes
				Outage Start	Outage End	Duration	Center	Region				
	Substation	RBY	728	2023-06-22T06:34:12	2023-06-22T06:46:54	0:12:42	Rugby	Voeller_Mark				
	Substation	RBY	728	2023-06-22T06:25:04	2023-06-22T06:25:46	0:00:42	Rugby	Voeller_Mark				
	Substation	RBY	728	2023-06-22T06:32:45	2023-06-22T06:33:18	0:00:33	Rugby	Voeller_Mark				
	Substation	RBY	728	2023-06-20T20:47:10	2023-06-20T20:47:25	0:00:15	Rugby	Voeller_Mark				
	Substation	RBY	728	2023-06-22T04:00:16	2023-06-22T04:00:30	0:00:14	Rugby	Voeller_Mark				
	Substation	RBY	728	2023-06-20T20:50:20	2023-06-20T20:50:31	0:00:11	Rugby	Voeller_Mark				
	Substation	RBY	728	2023-06-20T21:12:36	2023-06-20T21:12:45	0:00:09	Rugby	Voeller_Mark				
	Substation	BRY	121	2023-11-07T11:11:40	2023-11-07T12:40:47	1:29:07	Rugby	Lee_James				
	Substation	BRY	121	2023-07-24T09:51:22	2023-07-24T10:05:02	0:13:40	Rugby	Lee_James				
	Substation	BRY	121	2023-07-28T11:18:10	2023-07-28T11:19:14	0:01:04	Rugby	Lee_James				
	Substation	BRY	120	2023-12-08T14:10:15	2023-12-08T14:11:18	0:01:03	Rugby	Lee_James				
	Substation	BRY	121	2023-01-21T18:28:23	2023-01-21T18:29:25	0:01:02	Rugby	Lee_James	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BRY	119	2023-12-08T14:45:47	2023-12-08T14:46:41	0:00:54	Rugby	Lee_James				
	Substation	BRY	120	2023-12-08T14:18:55	2023-12-08T14:19:37	0:00:42	Rugby	Lee_James				
	Substation	BRY	113	2023-12-08T16:04:56	2023-12-08T16:05:37	0:00:41	Rugby	Lee_James				
	Substation	BRY	121	2023-05-17T09:01:10	2023-05-17T09:01:35	0:00:25	Rugby	Lee_James				
	Substation	R	51	2023-05-22T16:11:20	2023-05-22T16:11:43	0:00:23	Rugby	Lee_James				
	Substation	BRY	121	2023-05-17T09:05:54	2023-05-17T09:06:07	0:00:13	Rugby	Lee_James				
	Substation	R	51	2023-06-05T15:23:36	2023-06-05T15:23:48	0:00:12	Rugby	Lee_James				
	Substation	BR	72	2023-06-03T20:34:36	2023-06-03T20:34:46	0:00:10	Rugby	Lee_James				
	Substation	Y	49	2023-06-03T20:34:23	2023-06-03T20:34:31	0:00:08	Rugby	Lee_James				
	Substation	BRY	143	2023-07-02T06:21:22	2023-07-02T06:21:39	0:00:17	Jamestown	Erickson_Joe				
	Substation	BRY	143	2023-12-26T18:07:51	2023-12-26T18:20:12	0:12:21	Jamestown	Erickson_Joe				
	Substation	BRY	143	2023-06-09T00:56:03	2023-06-09T00:56:39	0:00:36	Jamestown	Erickson_Joe				
	Substation	BRY	143	2023-06-07T17:35:39	2023-06-07T17:52:33	0:16:54	Jamestown	Erickson_Joe				
	Substation	Y	23	2023-07-28T06:59:43	2023-07-28T06:59:48	0:00:05	Devils_Lake	Devils_Lake				
	Substation	BRY	64	2023-01-22T15:38:24	2023-01-22T16:01:17	0:22:53	Devils_Lake	Devils_Lake	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	BRY	64	2023-06-28T17:54:24	2023-06-28T17:55:26	0:01:02	Devils_Lake	Devils_Lake				
	Substation	B	23	2023-06-28T17:59:08	2023-06-28T17:59:14	0:00:06	Devils_Lake	Devils_Lake				
	Substation	BRY	64	2023-09-23T18:03:41	2023-09-23T18:04:02	0:00:21	Devils_Lake	Devils_Lake				
	Substation	R	24	2023-10-19T15:19:13	2023-10-19T16:37:46	1:18:33	Devils_Lake	Devils_Lake				
	Substation	RY	41	2023-06-28T17:59:18	2023-06-28T17:59:28	0:00:10	Devils_Lake	Devils_Lake				
	Substation	RY	41	2023-06-25T02:04:25	2023-06-25T02:04:34	0:00:09	Devils_Lake	Devils_Lake				
	Substation	B	23	2023-06-25T02:04:14	2023-06-25T02:04:21	0:00:07	Devils_Lake	Devils_Lake				
	Substation	BRY	233	2023-10-26T23:03:27	2023-10-26T23:42:12	0:38:45	Rugby	Dillow_James				
	Substation	Y	85	2023-10-26T21:29:00	2023-10-26T21:29:07	0:00:07	Rugby	Dillow_James				
	Substation	Y	85	2023-10-26T21:31:36	2023-10-26T21:31:43	0:00:07	Rugby	Dillow_James				
	FeederSection	Y	1	2023-02-14T23:23:25	2023-02-14T23:23:39	0:00:14	Wahpeton	Smith_Ryan				
	FeederSection	Y	1	2023-02-14T23:37:41	2023-02-14T23:37:49	0:00:08	Wahpeton	Smith_Ryan				
	FeederSection	Y	1	2023-02-14T23:31:22	2023-02-14T23:31:30	0:00:08	Wahpeton	Smith_Ryan				
	FeederSection	Y	1	2023-02-14T22:41:53	2023-02-14T22:42:00	0:00:07	Wahpeton	Smith_Ryan				
	FeederSection	Y	1	2023-02-14T23:34:05	2023-02-14T23:34:12	0:00:07	Wahpeton	Smith_Ryan				
	FeederSection	Y	1	2023-02-14T21:18:10	2023-02-14T21:18:16	0:00:06	Wahpeton	Smith_Ryan				
	FeederSection	Y	1	2023-02-14T21:47:57	2023-02-14T21:48:03	0:00:06	Wahpeton	Smith_Ryan				
	FeederSection	Y	1	2023-02-14T23:00:16	2023-02-14T23:00:22	0:00:06	Wahpeton	Smith_Ryan				
	FeederSection	Y	1	2023-02-14T21:18:51	2023-02-14T21:18:55	0:00:04	Wahpeton	Smith_Ryan				
	Substation	RY	42	2023-07-02T00:00:43	2023-07-02T00:01:02	0:00:19	Rugby	Voeller_Dave				
	Substation	RY	42	2023-07-31T21:01:24	2023-07-31T21:01:37	0:00:13	Rugby	Voeller_Dave				
	Substation	RY	42	2023-10-03T09:02:49	2023-10-03T09:02:58	0:00:09	Rugby	Voeller_Dave				
	FeederSection	R	60	2023-06-30T09:05:30	2023-06-30T10:25:11	1:19:41	Wahpeton	Wahpeton				
	FeederSection	BRY	63	2023-07-31T17:06:54	2023-07-31T17:07:08	0:00:14	Wahpeton	Wahpeton				
	Substation	BR	12	2023-05-23T18:28:35	2023-05-23T18:28:53	0:00:18	Jamestown	Midstokke_Ryne				
	Substation	BR	12	2023-08-01T16:33:24	2023-08-01T16:34:25	0:01:01	Jamestown	Midstokke_Ryne				
	Substation	BR	12	2023-04-19T07:30:30	2023-04-19T07:30:48	0:00:18	Jamestown	Midstokke_Ryne				

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service							Cause	Notes
				Outage Start	Outage End	Duration	Center	Region				
	Substation	BR	12	2023-05-23T18:11:11	2023-05-23T18:11:28	0:00:17	Jamestown	Midstokke_Ryne				
	Substation	B	8	2023-04-12T08:28:18	2023-04-12T08:28:26	0:00:08	Jamestown	Midstokke_Ryne				
	Substation	BR	12	2023-09-05T04:16:13	2023-09-05T04:16:34	0:00:21	Jamestown	Midstokke_Ryne				
	Substation	R	4	2023-04-12T08:28:32	2023-04-12T08:28:36	0:00:04	Jamestown	Midstokke_Ryne				
	Substation	BR	12	2023-07-08T16:31:06	2023-07-08T16:35:12	0:04:06	Jamestown	Midstokke_Ryne				
	Substation	RBY	190	2023-07-02T03:14:59	2023-07-02T03:15:07	0:00:08	Jamestown	Price_Chans				
	Substation	RBY	190	2023-04-28T01:05:58	2023-04-28T02:15:32	1:09:34	Jamestown	Price_Chans				
	Substation	RBY	190	2023-06-08T21:07:10	2023-06-09T00:30:30	3:23:20	Jamestown	Price_Chans				
	Substation	RBY	3	2023-06-15T12:47:54	2023-06-15T17:27:21	4:39:27	Jamestown	Price_Chans				
	Substation	RBY	3	2023-04-28T01:05:53	2023-04-28T02:15:28	1:09:35	Jamestown	Price_Chans				
	Substation	RBY	3	2023-07-02T03:15:00	2023-07-02T03:15:08	0:00:08	Jamestown	Price_Chans				
	Substation	RBY	3	2023-06-08T21:07:01	2023-06-09T00:30:25	3:23:24	Jamestown	Price_Chans				
	Substation	BR	6	2023-01-19T11:47:20	2023-01-19T14:54:17	3:06:57	Rugby	Dillow_James	Weather		Dense Fog and Heavy Frost on Lines	
	Substation	R	4	2023-08-31T11:44:14	2023-08-31T12:39:02	0:54:48	Rugby	Dillow_James				
	Substation	BR	6	2023-05-23T03:45:23	2023-05-23T03:51:03	0:05:40	Rugby	Dillow_James				
	Substation	R	4	2023-08-31T01:43:58	2023-08-31T01:45:53	0:01:55	Rugby	Dillow_James				
	Substation	BR	6	2023-06-28T16:33:37	2023-06-28T16:33:50	0:00:13	Rugby	Dillow_James				
	Substation	BR	6	2023-07-02T05:05:03	2023-07-02T05:05:15	0:00:12	Rugby	Dillow_James				
	Substation	BR	53	2023-08-31T02:06:21	2023-08-31T02:06:32	0:00:11	Rugby	Derr_John				
	Substation	BR	53	2023-07-20T07:12:53	2023-07-20T07:13:03	0:00:10	Rugby	Derr_John				
	Substation	BR	54	2023-10-02T12:24:25	2023-10-02T12:24:34	0:00:09	Rugby	Derr_John				
	Substation	BR	54	2023-06-20T21:30:33	2023-06-20T21:30:41	0:00:08	Rugby	Derr_John				
	Substation	BR	53	2023-06-28T16:29:27	2023-06-28T16:29:34	0:00:07	Rugby	Derr_John				
	Substation	BR	54	2023-11-05T09:18:29	2023-11-05T09:18:34	0:00:05	Rugby	Derr_John				
	Substation	RBY	40	2023-06-09T00:55:18	2023-06-09T01:06:24	0:11:06	Jamestown	Bruner_Brent				
	Substation	RBY	40	2023-12-28T14:35:15	2023-12-28T18:19:19	3:44:04	Jamestown	Bruner_Brent				
	Substation	RBY	40	2023-06-07T17:35:24	2023-06-07T20:29:48	2:54:24	Jamestown	Bruner_Brent				
	Substation	RBY	40	2023-12-26T18:07:53	2023-12-28T09:02:00	38:54:07	Jamestown	Bruner_Brent				
	Substation	RBY	40	2023-06-25T09:18:29	2023-06-25T13:21:14	4:02:45	Jamestown	Bruner_Brent				
	Substation	RBY	28	2023-04-28T01:05:53	2023-04-28T01:35:04	0:29:11	Devils_Lake	Chase_Scott				
	Substation	BRY	28	2023-07-02T03:15:00	2023-07-02T03:15:10	0:00:10	Devils_Lake	Chase_Scott				
	Substation	BRY	28	2023-06-08T21:07:09	2023-06-08T21:12:57	0:05:48	Devils_Lake	Chase_Scott				
	Substation	B	89	2023-05-10T13:07:15	2023-05-10T13:38:26	0:31:11	Jamestown	Powers_Steve				
	Substation	Y	90	2023-05-23T23:00:28	2023-05-23T23:00:36	0:00:08	Jamestown	Powers_Steve				
	Substation	Y	90	2023-05-23T22:51:36	2023-05-23T22:51:45	0:00:09	Jamestown	Powers_Steve				
	Substation	BRY	235	2023-08-08T19:10:31	2023-08-08T19:12:39	0:02:08	Jamestown	Powers_Steve				
	Substation	R	89	2023-04-03T10:58:15	2023-04-03T11:09:44	0:11:29	Jamestown	Powers_Steve				
	Substation	Y	90	2023-08-07T07:51:56	2023-08-07T07:52:04	0:00:08	Jamestown	Powers_Steve				
	Substation	BRY	236	2023-06-07T17:35:35	2023-06-07T18:48:26	1:12:51	Jamestown	Powers_Steve				
	Substation	Y	90	2023-07-21T22:18:12	2023-07-21T22:18:19	0:00:07	Jamestown	Powers_Steve				
	Substation	BR	146	2023-05-23T22:51:49	2023-05-23T22:51:57	0:00:08	Jamestown	Powers_Steve				
	Substation	BRY	236	2023-12-26T06:55:30	2023-12-28T18:21:56	59:26:26	Jamestown	Powers_Steve				
	Substation	B	73	2023-05-10T00:12:44	2023-05-10T00:12:52	0:00:08	Jamestown	Powers_Steve				
	Substation	Y	90	2023-05-10T00:12:32	2023-05-10T00:12:40	0:00:08	Jamestown	Powers_Steve				
	Substation	BRY	236	2023-01-08T06:22:27	2023-01-08T06:23:10	0:00:43	Jamestown	Powers_Steve				
	Substation	RBY	236	2023-06-09T00:56:03	2023-06-09T00:56:39	0:00:36	Jamestown	Powers_Steve				
	Substation	BRY	236	2023-06-20T05:24:05	2023-06-20T05:24:26	0:00:21	Jamestown	Powers_Steve				
	Substation	BR	146	2023-05-23T23:00:40	2023-05-23T23:00:47	0:00:07	Jamestown	Powers_Steve				
	Substation	RBY	235	2023-06-05T02:10:12	2023-06-05T02:19:37	0:09:25	Jamestown	Powers_Steve				
	Substation	BRY	236	2023-12-05T07:53:52	2023-12-05T10:27:08	2:33:16	Jamestown	Powers_Steve				
	Substation	BR	146	2023-07-21T22:18:21	2023-07-21T22:18:30	0:00:09	Jamestown	Powers_Steve				
	Substation	BR	146	2023-08-07T07:52:07	2023-08-07T07:52:16	0:00:09	Jamestown	Powers_Steve				
	Substation	BRY	236	2023-12-05T10:29:59	2023-12-05T10:35:41	0:05:42	Jamestown	Powers_Steve				
	Substation	BRY	236	2023-12-24T12:03:58	2023-12-24T12:04:17	0:00:19	Jamestown	Powers_Steve				

Equipment ID	Equipment Type	Phase(s)	Customer Service				Cause	Notes		
			Customers	Outage Start	Outage End	Duration			Center	Region
	Substation	BRY	543	2023-08-31T11:44:04	2023-08-31T12:01:51	0:17:47	Rugby	Bartholomay_Seth		
	Substation	BRY	543	2023-05-23T03:45:29	2023-05-23T03:51:04	0:05:35	Rugby	Bartholomay_Seth		
	Substation	BRY	542	2023-08-31T01:43:44	2023-08-31T01:45:54	0:02:10	Rugby	Bartholomay_Seth		
	Substation	BRY	543	2023-06-28T16:33:31	2023-06-28T16:33:45	0:00:14	Rugby	Bartholomay_Seth		
	Substation	BRY	543	2023-05-03T09:38:07	2023-05-03T09:38:20	0:00:13	Rugby	Bartholomay_Seth		
	Substation	BRY	543	2023-07-02T05:04:57	2023-07-02T05:05:10	0:00:13	Rugby	Bartholomay_Seth		
	Substation	RY	364	2023-07-11T11:01:33	2023-07-11T11:01:44	0:00:11	Rugby	Bartholomay_Seth		
	Substation	BY	355	2023-09-07T11:27:23	2023-09-07T11:27:32	0:00:09	Rugby	Bartholomay_Seth		
	Substation	B	188	2023-08-23T04:02:40	2023-08-23T04:02:47	0:00:07	Rugby	Bartholomay_Seth		
	Substation	R	188	2023-09-07T11:27:16	2023-09-07T11:27:22	0:00:06	Rugby	Bartholomay_Seth		
	Substation	B	188	2023-08-23T20:34:59	2023-08-23T20:35:04	0:00:05	Rugby	Bartholomay_Seth		
	Substation	R	4	2023-07-18T15:35:40	2023-07-18T15:35:48	0:00:08	Devils_Lake	Devils_Lake		
	Substation	R	4	2023-04-27T21:21:44	2023-04-27T21:21:52	0:00:08	Devils_Lake	Devils_Lake		
	Substation	R	4	2023-01-20T07:00:53	2023-01-20T07:01:54	0:01:01	Devils_Lake	Devils_Lake	Weather	Dense Fog and Heavy Frost on Lines
	Substation	RBY	146	2023-01-04T03:19:13	2023-01-04T03:19:20	0:00:07	Jamestown	Hoggarth_Tyler	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.
	Substation	RBY	146	2023-01-04T03:53:45	2023-01-04T04:33:40	0:39:55	Jamestown	Hoggarth_Tyler	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.
	Substation	RBY	146	2023-06-18T00:07:45	2023-06-18T00:07:53	0:00:08	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-08-10T12:54:19	2023-08-11T08:48:33	19:54:14	Jamestown	Hoggarth_Tyler	Itron meter failure	RDJ 11/8/23
	Substation	RBY	146	2023-12-19T10:24:12	2023-12-19T10:50:49	0:26:37	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-12-27T14:35:12	2023-12-27T19:08:47	4:33:35	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-07-02T05:04:52	2023-07-02T05:05:00	0:00:08	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-07-02T05:44:13	2023-07-02T05:44:19	0:00:06	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-08-21T08:11:38	2023-08-21T08:54:20	0:42:42	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-07-02T04:50:19	2023-07-02T04:50:26	0:00:07	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-09-21T04:21:50	2023-09-21T04:21:54	0:00:04	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-09-21T05:57:03	2023-09-21T05:57:09	0:00:06	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-12-26T18:08:03	2023-12-26T19:07:36	0:59:33	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-07-02T05:39:39	2023-07-02T05:39:45	0:00:06	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-07-30T23:04:22	2023-07-30T23:04:30	0:00:08	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-08-29T15:07:16	2023-08-29T15:07:22	0:00:06	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-09-08T14:01:50	2023-09-08T14:02:20	0:00:30	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-09-21T02:35:41	2023-09-21T02:35:46	0:00:05	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-09-21T17:20:19	2023-09-21T17:20:34	0:00:15	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-12-20T09:02:52	2023-12-20T09:03:02	0:00:10	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-03-21T09:56:20	2023-03-21T11:37:52	1:41:32	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-05-10T19:58:02	2023-05-10T19:58:09	0:00:07	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-09-13T08:18:36	2023-09-13T15:40:55	7:22:19	Jamestown	Hoggarth_Tyler	Itron meter failure	RDJ 11/8/23
	Substation	RBY	146	2023-12-27T00:28:32	2023-12-27T00:32:09	0:03:37	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-07-02T05:36:42	2023-07-02T05:36:48	0:00:06	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-09-23T11:17:26	2023-09-23T11:17:40	0:00:14	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-01-04T03:11:29	2023-01-04T03:11:33	0:00:04	Jamestown	Hoggarth_Tyler	Weather	Ice on a running angle caused conductors to make contact east of Courtenay Jct.
	Substation	RBY	146	2023-06-07T17:35:27	2023-06-07T18:01:47	0:26:20	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-07-18T20:30:04	2023-07-18T20:30:10	0:00:06	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-12-27T19:11:17	2023-12-27T19:22:00	0:10:43	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-06-09T00:54:52	2023-06-09T00:55:09	0:00:17	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-09-01T17:40:47	2023-09-01T17:40:54	0:00:07	Jamestown	Hoggarth_Tyler		
	Substation	RBY	146	2023-09-14T09:02:33	2023-09-14T16:34:17	7:31:44	Jamestown	Hoggarth_Tyler	Itron meter failure	RDJ 11/8/23
	Substation	RBY	146	2023-09-22T13:48:11	2023-09-22T13:48:29	0:00:18	Jamestown	Hoggarth_Tyler		

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service						Cause	Notes
				Outage Start	Outage End	Duration	Center	Region			
	Substation	RBY	196	2023-12-27T14:51:08	2023-12-27T15:14:20	0:23:12	Jamestown	Erickson_Joe			
	Substation	RBY	196	2023-09-11T23:38:11	2023-09-11T23:38:17	0:00:06	Jamestown	Erickson_Joe			
	Substation	RBY	196	2023-12-26T07:50:54	2023-12-26T11:17:01	3:26:07	Jamestown	Erickson_Joe			
	Substation	RBY	196	2023-12-27T15:18:51	2023-12-27T15:19:19	0:00:28	Jamestown	Erickson_Joe			
	Substation	RBY	196	2023-12-27T14:27:38	2023-12-27T14:28:17	0:00:39	Jamestown	Erickson_Joe			
	Substation	RBY	196	2023-12-26T15:39:06	2023-12-26T15:51:42	0:12:36	Jamestown	Erickson_Joe			
	Substation	RBY	196	2023-05-10T02:27:50	2023-05-10T02:27:57	0:00:07	Jamestown	Erickson_Joe			
	Substation	BRV	582	2023-06-02T18:10:23	2023-06-02T19:21:37	1:11:14	Rugby	Larson_Paul			
	Substation	BRV	582	2023-07-31T20:03:57	2023-07-31T20:04:13	0:00:16	Rugby	Larson_Paul			
	Substation	B	215	2023-07-31T20:01:27	2023-07-31T20:01:36	0:00:09	Rugby	Larson_Paul			
	Substation	B	215	2023-07-31T20:02:39	2023-07-31T20:02:46	0:00:07	Rugby	Larson_Paul			
	FeederSection	RY	35	2023-10-16T12:34:38	2023-10-16T12:34:58	0:00:20	Wahpeton	Wahpeton			
	Substation	RBY	205	2023-06-28T05:12:55	2023-06-28T06:45:09	1:32:14	Rugby	Gravseth_Chad			
	Substation	RBY	205	2023-05-09T14:02:53	2023-05-09T15:22:34	1:19:41	Rugby	Gravseth_Chad			
	Substation	RBY	205	2023-01-18T15:46:44	2023-01-18T16:16:37	0:29:53	Rugby	Gravseth_Chad	Equip Fail Conductor	Broken conductor	
	Substation	RBY	205	2023-05-12T11:57:40	2023-05-12T11:57:46	0:00:06	Rugby	Gravseth_Chad			
	Substation	RBY	205	2023-08-04T15:36:05	2023-08-04T15:36:11	0:00:06	Rugby	Gravseth_Chad			
	Substation	RBY	205	2023-04-11T14:47:42	2023-04-11T14:47:46	0:00:04	Rugby	Gravseth_Chad			
	Substation	BYR	139	2023-01-20T06:09:01	2023-01-20T08:10:39	2:01:38	Rugby	Rath_Todd	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	RBY	139	2023-01-23T01:44:03	2023-01-23T03:16:13	1:32:10	Rugby	Rath_Todd	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	BRV	139	2023-12-14T15:44:09	2023-12-14T17:09:44	1:25:35	Rugby	Rath_Todd			
	Substation	RBY	139	2023-01-18T15:46:45	2023-01-18T15:58:13	0:11:28	Rugby	Rath_Todd	Equip Fail Conductor	Broken conductor	
	Substation	RBY	139	2023-01-08T10:32:18	2023-01-08T10:42:26	0:10:08	Rugby	Rath_Todd	Equip Fail Insulator	Three floaters due to broken ties	
	Substation	BRV	139	2023-09-05T00:04:38	2023-09-05T00:06:35	0:01:57	Rugby	Rath_Todd			
	Substation	RBY	138	2023-01-23T01:04:20	2023-01-23T01:04:54	0:00:34	Rugby	Rath_Todd	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	RBY	137	2023-01-23T01:33:03	2023-01-23T01:33:36	0:00:33	Rugby	Rath_Todd	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	BRV	139	2023-01-23T01:02:54	2023-01-23T01:03:22	0:00:28	Rugby	Rath_Todd	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	BYR	139	2023-01-23T01:19:30	2023-01-23T01:19:58	0:00:28	Rugby	Rath_Todd	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	RBY	139	2023-01-23T01:39:09	2023-01-23T01:39:36	0:00:27	Rugby	Rath_Todd	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	BYR	139	2023-01-22T23:46:25	2023-01-22T23:46:44	0:00:19	Rugby	Rath_Todd	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	RBY	139	2023-01-23T01:14:20	2023-01-23T01:14:32	0:00:12	Rugby	Rath_Todd	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	BRV	138	2023-09-04T20:40:36	2023-09-04T20:40:45	0:00:09	Rugby	Rath_Todd			
	Substation	BRV	139	2023-05-12T19:28:35	2023-05-12T19:28:44	0:00:09	Rugby	Rath_Todd			
	Substation	BRV	139	2023-08-09T00:32:52	2023-08-09T00:33:01	0:00:09	Rugby	Rath_Todd			
	Substation	BRV	139	2023-09-04T20:49:25	2023-09-04T20:49:33	0:00:08	Rugby	Rath_Todd			
	Substation	BRV	138	2023-08-01T21:16:40	2023-08-01T21:16:48	0:00:08	Rugby	Rath_Todd			
	Substation	BYR	139	2023-11-02T14:18:08	2023-11-02T14:18:16	0:00:08	Rugby	Rath_Todd			
	Substation	BRV	139	2023-01-23T01:31:39	2023-01-23T01:31:46	0:00:07	Rugby	Rath_Todd	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	RBY	139	2023-01-23T01:36:00	2023-01-23T01:36:07	0:00:07	Rugby	Rath_Todd	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	R	52	2023-08-18T16:39:18	2023-08-18T16:39:21	0:00:03	Rugby	Rath_Todd			
	Substation	BRV	38	2023-07-13T02:25:26	2023-07-13T03:25:15	0:59:49	Wahpeton	Smith_Ryan			
	Substation	RBY	39	2023-09-29T08:30:55	2023-09-29T08:31:23	0:00:28	Wahpeton	Smith_Ryan			
	Substation	BRV	418	2023-01-23T01:07:42	2023-01-23T02:13:53	1:06:11	Rugby	Gravseth_Chad	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	BRV	423	2023-10-18T05:05:29	2023-10-18T06:11:22	1:05:53	Rugby	Gravseth_Chad			
	Substation	BRV	423	2023-01-18T15:46:29	2023-01-18T15:49:59	0:03:30	Rugby	Gravseth_Chad	Equip Fail Conductor	Broken conductor	
	Substation	BRV	422	2023-01-22T01:02:26	2023-01-22T01:03:27	0:01:01	Rugby	Gravseth_Chad	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	BRV	422	2023-01-22T15:42:52	2023-01-22T15:43:53	0:01:01	Rugby	Gravseth_Chad	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	BRV	422	2023-01-23T00:52:53	2023-01-23T00:53:22	0:00:29	Rugby	Gravseth_Chad	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	BRV	420	2023-01-23T00:56:20	2023-01-23T00:56:47	0:00:27	Rugby	Gravseth_Chad	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	B	142	2023-01-23T00:57:05	2023-01-23T00:57:14	0:00:09	Rugby	Gravseth_Chad	Weather	Dense Fog and Heavy Frost on Lines	

Equipment ID	Equipment Type	Phase(s)	Customer Service				Duration	Center	Region	Cause	Notes
			Customers	Outage Start	Outage End						
	Feeder	BRY	255	2023-01-19T17:16:19	2023-01-19T18:35:41	1:19:22	Rugby	Gravseth_Chad	Weather	Dense Fog and Heavy Frost on Lines	
	Feeder	RY	151	2023-01-23T00:57:22	2023-01-23T00:57:33	0:00:11	Rugby	Gravseth_Chad	Weather	Dense Fog and Heavy Frost on Lines	
	Feeder	RY	113	2023-01-23T00:57:05	2023-01-23T00:57:14	0:00:09	Rugby	Gravseth_Chad	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	RBV	10	2023-12-26T18:08:02	2023-12-26T18:20:13	0:12:11	Jamestown	Bruner_Brent			
	Substation	RBV	10	2023-07-02T06:21:28	2023-07-02T06:21:40	0:00:12	Jamestown	Bruner_Brent			
	Substation	RBV	10	2023-06-07T17:35:41	2023-06-07T17:52:34	0:16:53	Jamestown	Bruner_Brent			
	Substation	RBV	10	2023-06-09T00:56:03	2023-06-09T00:56:40	0:00:37	Jamestown	Bruner_Brent			
	Substation	RBV	838	2023-11-02T22:00:08	2023-11-03T00:17:09	2:17:01	Rugby	Dillow_James			
	Substation	RBV	838	2023-08-31T11:44:03	2023-08-31T12:39:04	0:55:01	Rugby	Dillow_James			
	Substation	RBV	838	2023-05-23T03:45:26	2023-05-23T03:51:05	0:05:39	Rugby	Dillow_James			
	Substation	RBV	838	2023-08-31T01:43:44	2023-08-31T01:45:56	0:02:12	Rugby	Dillow_James			
	Substation	RBV	838	2023-07-02T05:04:53	2023-07-02T05:05:12	0:00:19	Rugby	Dillow_James			
	Substation	RBV	838	2023-06-28T16:33:28	2023-06-28T16:33:46	0:00:18	Rugby	Dillow_James			
	Feeder	RBV	353	2023-10-18T00:05:42	2023-10-18T00:05:49	0:00:07	Rugby	Dillow_James			
	Feeder	RBV	353	2023-05-14T11:06:49	2023-05-14T11:06:55	0:00:06	Rugby	Dillow_James			
	Feeder	RBV	353	2023-10-18T03:08:53	2023-10-18T03:08:59	0:00:06	Rugby	Dillow_James			
	Feeder	RBV	353	2023-10-17T22:36:04	2023-10-17T22:36:08	0:00:04	Rugby	Dillow_James			
	Feeder	RBV	485	2023-08-28T17:01:56	2023-08-28T17:02:01	0:00:05	Rugby	Dillow_James			
	Substation	RBV	92	2023-06-06T07:03:49	2023-06-06T07:04:25	0:00:36	Jamestown	Grosgebauer_John			
	Substation	RBV	92	2023-12-25T21:58:03	2023-12-25T21:58:10	0:00:07	Jamestown	Grosgebauer_John			
	Substation	RBV	92	2023-04-27T09:57:13	2023-04-27T09:57:36	0:00:23	Jamestown	Grosgebauer_John			
	Substation	RBV	92	2023-12-26T02:22:20	2023-12-26T02:22:29	0:00:09	Jamestown	Grosgebauer_John			
	Substation	RBV	92	2023-05-31T07:19:46	2023-05-31T07:20:00	0:00:14	Jamestown	Grosgebauer_John			
	Substation	RBV	92	2023-07-11T23:51:03	2023-07-11T23:51:10	0:00:07	Jamestown	Grosgebauer_John			
	Substation	RBV	92	2023-09-25T20:15:47	2023-09-25T20:15:54	0:00:07	Jamestown	Grosgebauer_John			
	Substation	RBV	92	2023-12-27T12:49:32	2023-12-27T12:49:35	0:00:03	Jamestown	Grosgebauer_John			
	Feeder	RBV	106	2023-11-04T05:34:02	2023-11-04T10:20:35	4:46:33	Wahpeton	Wahpeton			
	Feeder	RBV	106	2023-08-24T20:36:59	2023-08-24T21:36:57	0:59:58	Wahpeton	Wahpeton			
	Feeder	RBV	106	2023-10-03T19:33:30	2023-10-03T19:33:36	0:00:06	Wahpeton	Wahpeton			
	Feeder	RBV	106	2023-07-28T14:24:59	2023-07-28T14:25:05	0:00:06	Wahpeton	Wahpeton			
	Feeder	RBV	106	2023-03-31T19:25:30	2023-03-31T19:25:35	0:00:05	Wahpeton	Wahpeton			
	Substation	RBV	48	2023-09-09T13:13:44	2023-09-09T15:13:19	1:59:35	Rugby	Dillow_James			
	Substation	RBV	48	2023-11-28T12:34:38	2023-11-28T14:22:31	1:47:53	Rugby	Dillow_James			
	Substation	RBV	48	2023-12-12T13:00:05	2023-12-12T14:28:49	1:28:44	Rugby	Dillow_James			
	Substation	RBV	48	2023-06-26T10:23:13	2023-06-26T11:51:02	1:27:49	Rugby	Dillow_James			
	Substation	RBV	48	2023-11-28T12:23:57	2023-11-28T12:26:23	0:02:26	Rugby	Dillow_James			
	Substation	RBV	48	2023-09-05T15:22:59	2023-09-05T15:23:16	0:00:17	Rugby	Dillow_James			
	Substation	RBV	48	2023-06-28T15:18:48	2023-06-28T15:19:01	0:00:13	Rugby	Dillow_James			
	Substation	RBV	221	2023-11-07T11:11:44	2023-11-07T11:25:39	0:13:55	Rugby	Lee_James			
	Substation	RBV	221	2023-07-24T09:51:25	2023-07-24T10:04:51	0:13:26	Rugby	Lee_James			
	Substation	RBV	221	2023-12-08T14:45:52	2023-12-08T14:46:30	0:00:38	Rugby	Lee_James			
	Substation	RBV	221	2023-12-08T14:19:00	2023-12-08T14:19:26	0:00:26	Rugby	Lee_James			
	Substation	RBV	221	2023-12-08T16:05:00	2023-12-08T16:05:26	0:00:26	Rugby	Lee_James			
	Substation	RBV	221	2023-06-03T20:34:28	2023-06-03T20:34:35	0:00:07	Rugby	Lee_James			
	Substation	RBV	221	2023-05-17T09:05:45	2023-05-17T09:05:52	0:00:07	Rugby	Lee_James			
	Substation	RBV	221	2023-05-17T09:01:12	2023-05-17T09:01:19	0:00:07	Rugby	Lee_James			
	Substation	RBV	221	2023-01-21T18:28:31	2023-01-21T18:28:37	0:00:06	Rugby	Lee_James	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	RBV	221	2023-05-11T18:27:07	2023-05-11T18:27:07	0:00:05	Rugby	Lee_James			
	Substation	RBV	221	2023-07-28T11:18:13	2023-07-28T11:18:18	0:00:05	Rugby	Lee_James			
	Substation	RBV	221	2023-12-08T14:10:19	2023-12-08T14:10:23	0:00:04	Rugby	Lee_James			
	Feeder	RBV	31	2023-08-11T15:37:45	2023-08-11T15:59:25	0:21:40	Wahpeton	Smith_Ryan			
	Feeder	RBV	31	2023-09-20T11:58:27	2023-09-20T12:10:56	0:12:29	Wahpeton	Smith_Ryan			
	Feeder	RBV	325	2023-08-13T11:21:19	2023-08-13T11:22:19	0:01:00	Wahpeton	Smith_Ryan			
	Feeder	B	2	2023-10-16T12:34:43	2023-10-16T12:34:59	0:00:16	Wahpeton	Wahpeton			

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service							Cause	Notes
				Outage Start	Outage End	Duration	Center	Region				
	Feeder	BRY	48	2023-09-02T13:00:38	2023-09-02T13:01:02	0:00:24	Wahpeton	Wahpeton				
	Substation	BYR	172	2023-03-31T07:00:16	2023-03-31T08:09:54	1:09:38	Wahpeton	Ogren_Dwight				
	Substation	BYR	172	2023-09-29T08:10:53	2023-09-29T08:11:31	0:00:38	Wahpeton	Ogren_Dwight				
	Substation	BYR	172	2023-08-18T07:38:03	2023-08-18T07:38:40	0:00:37	Wahpeton	Ogren_Dwight				
	Substation	BYR	172	2023-09-29T08:01:24	2023-09-29T08:01:45	0:00:21	Wahpeton	Ogren_Dwight				
	Substation	BYR	172	2023-08-10T18:44:49	2023-08-10T18:45:09	0:00:20	Wahpeton	Ogren_Dwight				
	Substation	BY	115	2023-05-29T22:05:39	2023-05-29T22:05:48	0:00:09	Wahpeton	Ogren_Dwight				
	Substation	BY	115	2023-05-29T23:48:27	2023-05-29T23:48:36	0:00:09	Wahpeton	Ogren_Dwight				
	Substation	BY	115	2023-05-29T23:07:43	2023-05-29T23:07:52	0:00:09	Wahpeton	Ogren_Dwight				
	Substation	RBY	113	2023-05-23T18:28:36	2023-05-23T18:28:43	0:00:07	Jamestown	Midstokke_Ryne				
	Substation	RBY	113	2023-04-12T08:28:21	2023-04-12T08:28:27	0:00:06	Jamestown	Midstokke_Ryne				
	Substation	RBY	113	2023-05-23T18:11:11	2023-05-23T18:11:18	0:00:07	Jamestown	Midstokke_Ryne				
	Substation	RBY	113	2023-05-23T20:41:37	2023-05-23T20:59:18	0:17:41	Jamestown	Midstokke_Ryne				
	Substation	RBY	113	2023-05-25T11:00:06	2023-05-25T13:14:52	2:14:46	Jamestown	Midstokke_Ryne				
	Substation	RBY	113	2023-05-23T18:32:16	2023-05-23T19:48:10	1:15:54	Jamestown	Midstokke_Ryne				
	Substation	RBY	113	2023-05-25T04:22:15	2023-05-25T04:22:24	0:00:09	Jamestown	Midstokke_Ryne				
	Substation	RBY	113	2023-08-01T16:33:26	2023-08-01T16:33:30	0:00:04	Jamestown	Midstokke_Ryne				
	Substation	RBY	113	2023-09-05T04:16:17	2023-09-05T04:16:25	0:00:08	Jamestown	Midstokke_Ryne				
	Substation	RBY	113	2023-04-19T07:30:30	2023-04-19T07:31:01	0:00:31	Jamestown	Midstokke_Ryne				
	Substation	RBY	113	2023-07-08T16:31:07	2023-07-08T16:35:02	0:03:55	Jamestown	Midstokke_Ryne				
	Substation	RBY	113	2023-04-19T07:30:38	2023-04-19T07:31:08	0:00:30	Jamestown	Midstokke_Ryne				
	Substation	BY	77	2023-03-26T00:07:25	2023-03-29T00:07:25	72:00:00	Jamestown	Midstokke_Ryne	Itron meter failure	RDJ 4/28/23		
	Substation	RBY	113	2023-09-05T04:16:25	2023-09-05T04:16:32	0:00:07	Jamestown	Midstokke_Ryne				
	Substation	RBY	113	2023-05-23T18:28:44	2023-05-23T18:28:50	0:00:06	Jamestown	Midstokke_Ryne				
	Substation	RBY	113	2023-05-23T18:32:23	2023-05-23T19:48:17	1:15:54	Jamestown	Midstokke_Ryne				
	Substation	RBY	113	2023-07-08T16:31:10	2023-07-08T16:35:11	0:04:01	Jamestown	Midstokke_Ryne				
	Substation	RBY	113	2023-05-23T18:11:18	2023-05-23T18:11:25	0:00:07	Jamestown	Midstokke_Ryne				
	Substation	RBY	113	2023-12-17T08:57:48	2023-12-17T08:57:53	0:00:05	Jamestown	Midstokke_Ryne				
	Substation	BY	77	2023-10-25T00:07:19	2023-10-28T00:07:19	72:00:00	Jamestown	Midstokke_Ryne	Itron meter failure	RDJ 11/27/23		
	Substation	RBY	113	2023-05-25T04:22:15	2023-05-25T04:22:31	0:00:16	Jamestown	Midstokke_Ryne				
	Substation	RBY	113	2023-08-01T16:33:33	2023-08-01T16:33:37	0:00:04	Jamestown	Midstokke_Ryne				
	Substation	BY	77	2023-02-22T11:29:22	2023-02-25T11:29:22	72:00:00	Jamestown	Midstokke_Ryne	Itron meter failure	RDJ 4/28/23		
	Substation	RBY	113	2023-05-23T20:41:44	2023-05-23T20:59:26	0:17:42	Jamestown	Midstokke_Ryne				
	Substation	RBY	113	2023-05-25T11:00:12	2023-05-25T13:14:59	2:14:47	Jamestown	Midstokke_Ryne				
	Substation	RBY	113	2023-04-12T08:28:28	2023-04-12T08:28:34	0:00:06	Jamestown	Midstokke_Ryne				
	Substation	RBY	70	2023-03-14T08:12:57	2023-03-14T08:13:26	0:00:29	Devils_Lake	Chase_Scott				
	Substation	RBY	70	2023-05-13T12:44:24	2023-05-13T12:44:29	0:00:05	Devils_Lake	Chase_Scott				
	Substation	RBY	70	2023-06-19T09:32:15	2023-06-19T09:32:21	0:00:06	Devils_Lake	Chase_Scott				
	Substation	RBY	70	2023-06-23T10:20:09	2023-06-30T10:03:16	#####	Devils_Lake	Chase_Scott	Itron meter failure	RDJ 7/3/23		
	Substation	RBY	70	2023-07-13T14:48:48	2023-07-13T14:48:54	0:00:06	Devils_Lake	Chase_Scott				
	Substation	RBY	70	2023-03-14T08:10:09	2023-03-14T08:10:36	0:00:27	Devils_Lake	Chase_Scott				
	Substation	RBY	70	2023-06-23T09:00:39	2023-06-23T10:18:37	1:17:58	Devils_Lake	Chase_Scott				
	Substation	RBY	70	2023-03-14T08:02:38	2023-03-14T08:02:45	0:00:07	Devils_Lake	Chase_Scott				
	Substation	RBY	70	2023-03-14T08:14:44	2023-03-14T08:15:38	0:00:54	Devils_Lake	Chase_Scott				
	Substation	RBY	70	2023-07-13T14:31:01	2023-07-13T14:31:08	0:00:07	Devils_Lake	Chase_Scott				
	Substation	RBY	70	2023-09-07T15:18:23	2023-09-07T15:18:29	0:00:06	Devils_Lake	Chase_Scott				
	Substation	RBY	70	2023-05-27T08:32:16	2023-05-27T08:32:23	0:00:07	Devils_Lake	Chase_Scott				
	Substation	RBY	70	2023-08-03T23:15:35	2023-08-03T23:15:46	0:00:11	Devils_Lake	Chase_Scott				
	Substation	RBY	70	2023-01-20T01:03:02	2023-01-20T01:13:10	0:10:08	Devils_Lake	Chase_Scott	Weather	Dense Fog and Heavy Frost on Lines		
	Substation	RBY	70	2023-03-13T21:59:56	2023-03-13T22:00:04	0:00:08	Devils_Lake	Chase_Scott				

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service						Cause	Notes
				Outage Start	Outage End	Duration	Center	Region			
	Substation	RBY	70	2023-03-14T05:46:34	2023-03-14T05:47:08	0:00:34	Devils_Lake	Chase_Scott			
	Substation	RBY	70	2023-03-14T06:12:28	2023-03-14T06:12:15	0:00:07	Devils_Lake	Chase_Scott			
	Substation	RBY	70	2023-03-14T06:10:28	2023-03-14T06:10:34	0:00:06	Devils_Lake	Chase_Scott			
	Substation	RBY	70	2023-07-02T06:08:39	2023-07-02T06:08:47	0:00:08	Devils_Lake	Chase_Scott			
	Substation	R	2	2023-03-14T06:10:29	2023-03-14T06:10:36	0:00:07	Devils_Lake	Chase_Scott			
	Substation	R	2	2023-03-14T06:12:10	2023-03-14T06:12:17	0:00:07	Devils_Lake	Chase_Scott			
	Substation	R	2	2023-03-14T08:02:40	2023-03-14T08:02:47	0:00:07	Devils_Lake	Chase_Scott			
	Substation	R	2	2023-07-13T14:31:01	2023-07-13T14:31:07	0:00:06	Devils_Lake	Chase_Scott			
	Substation	R	2	2023-05-27T08:32:19	2023-05-27T08:32:25	0:00:06	Devils_Lake	Chase_Scott			
	Substation	R	2	2023-07-02T06:08:39	2023-07-02T06:08:47	0:00:08	Devils_Lake	Chase_Scott			
	Substation	R	2	2023-03-13T21:59:59	2023-03-13T22:00:06	0:00:07	Devils_Lake	Chase_Scott			
	Substation	R	2	2023-07-13T14:48:47	2023-07-13T14:48:54	0:00:07	Devils_Lake	Chase_Scott			
	Substation	R	2	2023-01-20T01:03:02	2023-01-20T01:13:11	0:10:09	Devils_Lake	Chase_Scott	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	R	2	2023-03-14T08:10:11	2023-03-14T08:10:38	0:00:27	Devils_Lake	Chase_Scott			
	Substation	R	2	2023-08-03T23:15:37	2023-08-03T23:15:46	0:00:09	Devils_Lake	Chase_Scott			
	Substation	R	2	2023-03-14T05:46:34	2023-03-14T05:47:09	0:00:35	Devils_Lake	Chase_Scott			
	Substation	R	2	2023-03-14T08:12:58	2023-03-14T08:13:27	0:00:29	Devils_Lake	Chase_Scott			
	Substation	R	2	2023-03-14T08:14:46	2023-03-14T08:15:40	0:00:54	Devils_Lake	Chase_Scott			
	Substation	R	2	2023-09-07T15:18:22	2023-09-07T15:18:29	0:00:07	Devils_Lake	Chase_Scott			
	Substation	R	2	2023-05-16T10:22:47	2023-05-16T13:05:24	2:42:37	Devils_Lake	Chase_Scott			
	Substation	RBY	489	2023-01-20T06:08:59	2023-01-20T07:05:25	0:56:26	Rugby	Hetletved_Klay	Weather Equip Fail	Dense Fog and Heavy Frost on Lines	
	Substation	RBY	489	2023-01-08T10:32:23	2023-01-08T11:02:23	0:30:00	Rugby	Hetletved_Klay	Insulator Equip Fail	Three floaters due to broken ties	
	Substation	RBY	489	2023-01-18T15:46:31	2023-01-18T15:58:09	0:11:38	Rugby	Hetletved_Klay	Conductor	Broken conductor	
	Substation	RBY	489	2023-01-23T01:43:49	2023-01-23T01:50:58	0:07:09	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	RBY	489	2023-12-14T15:44:08	2023-12-14T15:46:26	0:02:18	Rugby	Hetletved_Klay			
	Substation	RBY	489	2023-09-05T00:04:25	2023-09-05T00:06:32	0:02:07	Rugby	Hetletved_Klay			
	Substation	RBY	489	2023-01-23T01:32:49	2023-01-23T01:33:34	0:00:45	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	RBY	489	2023-01-23T01:04:07	2023-01-23T01:04:51	0:00:44	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	RBY	489	2023-01-23T01:19:15	2023-01-23T01:19:55	0:00:40	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	RBY	489	2023-01-23T01:02:40	2023-01-23T01:03:19	0:00:39	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	RBY	489	2023-01-23T01:38:55	2023-01-23T01:39:34	0:00:39	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	RBY	489	2023-01-23T01:14:06	2023-01-23T01:14:29	0:00:23	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	RBY	489	2023-05-12T19:28:22	2023-05-12T19:28:41	0:00:19	Rugby	Hetletved_Klay			
	Substation	RBY	489	2023-08-09T00:32:39	2023-08-09T00:32:58	0:00:19	Rugby	Hetletved_Klay			
	Substation	RBY	489	2023-01-23T01:31:25	2023-01-23T01:31:43	0:00:18	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	RBY	489	2023-01-23T01:35:46	2023-01-23T01:36:04	0:00:18	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	RBY	489	2023-09-04T20:40:24	2023-09-04T20:40:42	0:00:18	Rugby	Hetletved_Klay			
	Substation	RBY	489	2023-09-04T20:49:12	2023-09-04T20:49:30	0:00:18	Rugby	Hetletved_Klay			
	Substation	RBY	489	2023-11-02T14:17:54	2023-11-02T14:18:12	0:00:18	Rugby	Hetletved_Klay			
	Substation	RBY	489	2023-08-01T21:16:27	2023-08-01T21:16:45	0:00:18	Rugby	Hetletved_Klay			
	Substation	RBY	489	2023-01-22T23:46:25	2023-01-22T23:46:41	0:00:16	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines	
	Feeder	RBY	218	2023-06-20T19:56:55	2023-06-20T19:57:01	0:00:06	Rugby	Hetletved_Klay			
	Substation	RBY	41	2023-01-20T07:00:48	2023-01-20T07:00:56	0:00:08	Devils_Lake	Eriksson_Lehmann_Gardner	Weather	Dense Fog and Heavy Frost on Lines	
	Substation	RBY	41	2023-07-18T15:35:41	2023-07-18T15:35:47	0:00:06	Devils_Lake	Eriksson_Lehmann_Gardner			
	Substation	RBY	41	2023-10-12T18:22:11	2023-10-12T19:14:29	0:52:18	Devils_Lake	Eriksson_Lehmann_Gardner			
	Substation	RBY	41	2023-04-27T21:21:44	2023-04-27T21:21:51	0:00:07	Devils_Lake	Eriksson_Lehmann_Gardner			
	Feeder	BRY	97	2023-10-02T12:24:15	2023-10-02T12:24:26	0:00:11	Rugby	Schell_Peary			
	Feeder	BRY	97	2023-06-28T16:29:16	2023-06-28T16:29:26	0:00:10	Rugby	Schell_Peary			
	Substation	RBY	53	2023-12-26T01:07:54	2023-12-26T03:02:19	1:54:25	Wahpeton	Hoye_Jeff			
	Substation	RBY	53	2023-12-26T12:11:13	2023-12-26T12:11:35	0:00:22	Wahpeton	Hoye_Jeff			
	Substation	RBY	53	2023-12-26T12:19:23	2023-12-26T12:19:30	0:00:07	Wahpeton	Hoye_Jeff			
	Substation	RBY	53	2023-12-26T12:10:13	2023-12-26T12:10:19	0:00:06	Wahpeton	Hoye_Jeff			

Equipment ID	Equipment Type	Phase(s)	Customers	Customer Service							Cause	Notes
				Outage Start	Outage End	Duration	Center	Region				
	Substation	RBY	53	2023-09-21T01:44:30	2023-09-21T01:44:34	0:00:04	Wahpeton	Hoye_Jeff				
	Substation	BRY	200	2023-11-16T06:13:49	2023-11-16T06:14:03	0:00:14	Rugby	Larson_Paul				
	Substation	RBY	439	2023-09-08T07:05:10	2023-09-08T08:14:55	1:09:45	Rugby	Hetletved_Klay				
	Substation	RBY	439	2023-12-09T03:43:45	2023-12-09T03:50:59	0:07:14	Rugby	Hetletved_Klay				
	Substation	RBY	439	2023-12-09T03:53:22	2023-12-09T03:53:38	0:00:16	Rugby	Hetletved_Klay				
	Substation	RBY	439	2023-12-09T03:54:42	2023-12-09T03:54:52	0:00:10	Rugby	Hetletved_Klay				
	Substation	R	3	2023-01-08T10:32:23	2023-01-08T17:56:38	7:24:15	Rugby	Hetletved_Klay	Equip Fail			
	Substation	R	3	2023-01-20T06:09:07	2023-01-20T07:05:30	0:56:23	Rugby	Hetletved_Klay	Insulator	Three floaters due to broken ties		
	Substation	R	3	2023-06-20T09:30:45	2023-06-20T09:59:03	0:28:18	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines		
	Substation	R	3	2023-01-18T15:46:49	2023-01-18T15:58:14	0:11:25	Rugby	Hetletved_Klay	Equip Fail			
	Substation	R	3	2023-01-23T01:44:05	2023-01-23T01:51:03	0:06:58	Rugby	Hetletved_Klay	Conductor	Broken conductor		
	Substation	R	3	2023-12-14T15:44:14	2023-12-14T15:46:22	0:02:08	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines		
	Substation	R	3	2023-09-05T00:04:41	2023-09-05T00:06:37	0:01:56	Rugby	Hetletved_Klay				
	Substation	R	3	2023-01-23T01:04:23	2023-01-23T01:04:56	0:00:33	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines		
	Substation	R	3	2023-01-23T01:33:06	2023-01-23T01:33:38	0:00:32	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines		
	Substation	R	3	2023-01-23T01:02:56	2023-01-23T01:03:24	0:00:28	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines		
	Substation	R	3	2023-01-23T01:19:33	2023-01-23T01:20:00	0:00:27	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines		
	Substation	R	3	2023-01-23T01:39:11	2023-01-23T01:39:38	0:00:27	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines		
	Substation	R	3	2023-01-23T01:14:22	2023-01-23T01:14:34	0:00:12	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines		
	Substation	R	3	2023-01-22T23:46:38	2023-01-22T23:46:46	0:00:08	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines		
	Substation	R	3	2023-01-23T01:36:02	2023-01-23T01:36:09	0:00:07	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines		
	Substation	R	3	2023-01-23T01:31:41	2023-01-23T01:31:48	0:00:07	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines		
	Substation	R	3	2023-08-09T00:32:56	2023-08-09T00:33:03	0:00:07	Rugby	Hetletved_Klay				
	Substation	R	3	2023-05-12T19:28:39	2023-05-12T19:28:46	0:00:07	Rugby	Hetletved_Klay				
	Substation	R	3	2023-08-01T21:16:43	2023-08-01T21:16:50	0:00:07	Rugby	Hetletved_Klay				
	Substation	R	3	2023-09-04T20:49:28	2023-09-04T20:49:35	0:00:07	Rugby	Hetletved_Klay				
	Substation	R	3	2023-11-02T14:18:11	2023-11-02T14:18:18	0:00:07	Rugby	Hetletved_Klay				
	Substation	R	3	2023-09-04T20:40:41	2023-09-04T20:40:47	0:00:06	Rugby	Hetletved_Klay				
	Substation	BRY	19	2023-05-10T00:12:42	2023-05-10T00:13:00	0:00:18	Jamestown	Bruner_Brent				
	Substation	BRY	19	2023-08-07T07:51:56	2023-08-07T07:52:19	0:00:23	Jamestown	Bruner_Brent				
	Substation	BRY	19	2023-08-08T19:10:30	2023-08-08T19:12:42	0:02:12	Jamestown	Bruner_Brent				
	Substation	BY	11	2023-07-21T22:18:20	2023-07-21T22:18:34	0:00:14	Jamestown	Bruner_Brent				
	Substation	BY	11	2023-12-24T12:04:10	2023-12-24T12:04:21	0:00:11	Jamestown	Bruner_Brent				
	Substation	BRY	19	2023-05-23T22:51:46	2023-05-23T22:52:03	0:00:17	Jamestown	Bruner_Brent				
	Substation	BRY	19	2023-06-05T02:10:08	2023-06-05T03:46:51	1:36:43	Jamestown	Bruner_Brent				
	Substation	BRY	19	2023-06-09T00:56:03	2023-06-09T00:56:42	0:00:39	Jamestown	Bruner_Brent				
	Substation	R	8	2023-06-20T05:24:05	2023-06-20T05:24:13	0:00:08	Jamestown	Bruner_Brent				
	Substation	BRY	19	2023-12-26T06:55:29	2023-12-28T16:34:29	57:39:00	Jamestown	Bruner_Brent				
	Substation	R	8	2023-01-04T21:19:04	2023-01-04T23:07:01	1:47:57	Jamestown	Bruner_Brent	Weather	Heavy frost and ice on a jumper 1 mile north of Windsor caused a phase to phase contact.		
	Substation	BY	11	2023-06-20T05:24:18	2023-06-20T05:24:28	0:00:10	Jamestown	Bruner_Brent				
	Substation	BRY	19	2023-01-08T06:22:25	2023-01-08T06:23:10	0:00:45	Jamestown	Bruner_Brent				
	Substation	R	8	2023-07-21T22:18:09	2023-07-21T22:18:19	0:00:10	Jamestown	Bruner_Brent				
	Substation	R	8	2023-12-24T12:03:58	2023-12-24T12:04:05	0:00:07	Jamestown	Bruner_Brent				
	Substation	BRY	19	2023-05-23T23:00:39	2023-05-23T23:00:54	0:00:15	Jamestown	Bruner_Brent				
	Substation	BRY	19	2023-06-07T17:35:34	2023-06-07T18:48:29	1:12:55	Jamestown	Bruner_Brent				
	Substation	R	8	2023-01-20T14:17:29	2023-01-20T15:12:51	0:55:22	Jamestown	Bruner_Brent				
	Substation	BRY	132	2023-01-20T06:08:46	2023-01-20T08:11:03	2:02:17	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines		
	Substation	BRY	132	2023-12-14T15:44:02	2023-12-14T16:44:51	1:00:49	Rugby	Hetletved_Klay				
	Substation	BRY	132	2023-01-18T15:46:27	2023-01-18T15:58:28	0:12:01	Rugby	Hetletved_Klay	Equip Fail	Broken conductor		

Equipment ID	Equipment Type	Phase(s)	Customers	Outage Start	Outage End	Customer Service		Region	Cause	Notes
						Duration	Center			
	Substation	BRY	132	2023-01-08T10:32:16	2023-01-08T10:42:39	0:10:23	Rugby	Hetletved_Klay	Equip Fail	
	Substation	BRY	132	2023-09-05T00:04:37	2023-09-05T00:06:35	0:01:58	Rugby	Hetletved_Klay	Insulator	Three floaters due to broken ties
	Substation	BRY	131	2023-01-22T23:46:15	2023-01-22T23:47:21	0:01:06	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BRY	132	2023-01-23T01:04:02	2023-01-23T01:04:59	0:00:57	Rugby	Hetletved_Klay		
	Substation	BRY	132	2023-01-23T01:02:34	2023-01-23T01:03:29	0:00:55	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BRY	129	2023-01-23T01:19:09	2023-01-23T01:20:03	0:00:54	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BRY	129	2023-01-23T01:32:43	2023-01-23T01:33:37	0:00:54	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BRY	129	2023-01-23T01:38:49	2023-01-23T01:39:42	0:00:53	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BRY	132	2023-01-23T01:14:00	2023-01-23T01:14:53	0:00:53	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BRY	132	2023-01-23T01:35:39	2023-01-23T01:36:29	0:00:50	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BRY	132	2023-01-23T01:31:19	2023-01-23T01:32:08	0:00:49	Rugby	Hetletved_Klay	Weather	Dense Fog and Heavy Frost on Lines
	Substation	BRY	132	2023-11-02T14:17:59	2023-11-02T14:18:17	0:00:18	Rugby	Hetletved_Klay		
	Substation	BRY	132	2023-09-04T20:40:28	2023-09-04T20:40:46	0:00:18	Rugby	Hetletved_Klay		
	Substation	BRY	132	2023-08-09T00:32:48	2023-08-09T00:33:03	0:00:15	Rugby	Hetletved_Klay		
	Substation	BRY	132	2023-08-01T21:16:38	2023-08-01T21:16:50	0:00:12	Rugby	Hetletved_Klay		
	Substation	BRY	132	2023-09-04T20:49:24	2023-09-04T20:49:34	0:00:10	Rugby	Hetletved_Klay		
	Substation	BYR	435	2023-12-25T18:52:35	2023-12-25T20:01:15	1:08:40	Wahpeton	Vetter_AI		
	Substation	RBY	435	2023-05-29T15:59:13	2023-05-29T16:53:52	0:54:39	Wahpeton	Vetter_AI		
	Substation	BYR	435	2023-05-02T17:30:56	2023-05-02T17:32:09	0:01:13	Wahpeton	Vetter_AI		
	Substation	BYR	435	2023-07-02T13:27:45	2023-07-02T13:27:59	0:00:14	Wahpeton	Vetter_AI		
	Substation	RBY	435	2023-07-02T13:29:10	2023-07-02T13:29:19	0:00:09	Wahpeton	Vetter_AI		
	Substation	RBY	435	2023-07-28T13:06:57	2023-07-28T13:07:06	0:00:09	Wahpeton	Vetter_AI		
	Substation	Y	21	2023-10-15T18:24:55	2023-10-15T22:04:02	3:39:07	Rugby	Peterson_Paul		
	Substation	RBY	51	2023-08-31T02:44:01	2023-08-31T02:46:43	0:02:42	Rugby	Peterson_Paul		
	Substation	RBY	51	2023-07-02T00:44:27	2023-07-02T00:44:35	0:00:08	Rugby	Peterson_Paul		
	Substation	RBY	51	2023-07-02T00:46:28	2023-07-02T00:46:35	0:00:07	Rugby	Peterson_Paul		

...PROTECTED DATA
 ENDS]

Feeder	SAIFI	SAIDI (minutes)	CAIDI (minutes)	MAIFI	Total Sustained Customer Minutes
Abercrombie_MainFeeder	2.004348	96.03	47.91	9.004348	22088
Absaraka_MainFeeder	0.847826	216.86	255.78	4.217391	9975
Alice_MainFeeder	3.45098	1188.77	344.47	3.470588	60627
Amenia_MainFeeder	3	571.23	190.41	5	39986
Anamoose_MainFeeder	1	5.55	5.55	1	1016
Anamoose_Rural_MainFeeder	5	438.33	87.67	1	438
Aneta_MainFeeder	0.017647	0.13	7.57	0.052941	23
Antler_Kuroki_MainFeeder	4	775.35	193.84	8.009852	157396
Ardoch_Beet_Dump_MainFeeder	1	85.32	85.32	8	341
Ardoch_MainFeeder	2	132.75	66.37	7.0625	2124
Argyle_NorthFeeder	2	116.3	58.15	3.002778	41868
Argyle_SouthFeeder	2	116.25	58.12	3.004808	24180
Ayr_MainFeeder_Ayr_and_Rural	2.566038	1198.48	467.05	6.188679	63519
Balfour_BalfourFeeder	0	0	0	2	0
Balfour_Butte_and_KiefFeeder	1.021277	80.31	78.64	2.631206	11324
Barney_MainFeeder	1	82.42	82.42	2	5028
Bartlett_MainFeeder	1	5.56	5.56	5.75	22
Barton_MainFeeder	0.045455	1.14	25.08	0.090909	25
Belcourt_BIAFeeder	2	175.78	87.89	7	27598
Belcourt_MainFeeder	3	211.45	70.48	6.007299	28968
Belcourt_West_OjibwaFeeder	1	23.9	23.9	4	72
Belcourt_West_Skydancer_WestFeeder	1.5	26.5	17.67	3.5	106
Benedict_MainFeeder	1.539683	409.73	266.12	3.428571	25813
Bergen_MainFeeder	0	0	0	1.368421	0
Berlin_MainFeeder	5.103448	623.66	122.2	7.034483	18086
Berwick_MainFeeder	3	145.62	48.54	1.083333	1747
Binford_Jesse_MainFeeder	1	7.04	7.04	8.246988	1169
Bordulac_MainBordulac_and_Melville	7	931.59	133.08	19.04082	45648
Bottineau_Downtown_EastFeeder	0	0	0	1	0
Bottineau_Downtown_WestFeeder	0	0	0	1	0
Bottineau_South_SoutheastFeeder	0	0	0	1.002475	0

Feeder	SAIFI	SAIDI (minutes)	CAIDI (minutes)	MAIFI	Total Sustained Customer Minutes
Bottineau_South_SouthwestFeeder	0	0	0	1	0
Bowdon_MainFeeder	7	713.76	101.97	30.07194	99213
Brinsmade_MainFeeder	0.708333	48.9	69.03	2.166667	1173
Brinsmade_Rural_MainFeeder	2	167.85	83.92	3	2853
Buffalo_MainFeeder	1	12.6	12.6	6	2243
Calvin_Jct_MainFeeder	4	239.34	59.84	6.023077	31115
Carbury_MainFeeder	0	0	0	6	0
Carrington_North_EastFeeder	4	424.69	106.17	18.07407	22933
Carrington_North_WestFeeder	0.006723	0.72	106.51	0.043697	426
Carrington_South_EastFeeder	7	577.1	82.44	19.0033	174861
Carrington_South_WestFeeder	7.164474	589.58	82.29	19.38816	89617
Casselton_115_RuralFeeder	0	0	0	0	0
Casselton_NEFeeder	3	484.5	161.5	6.013793	140505
Casselton_NWFeeder	3	484.13	161.38	6.00329	147176
Casselton_RuralFeeder	3.136364	540.68	172.39	5.454546	11895
Cathay_MainFeeder	6	627.81	104.63	23.01923	32646
Cathay_Rural_MainFeeder	5	516.23	103.25	29.33333	1549
Cayuga_MainFeeder	0.421053	45.19	107.33	1.421053	1717
Christine_MainFeeder	2.104167	177.56	84.38	6.71875	17045
Churchs_Ferry_MainFeeder	0.538462	37.16	69.01	1.615385	483
Cleveland_MainFeeder	5	3915.48	783.1	10	368055
Cogswell_MainFeeder	1.369863	81.14	59.23	1.520548	5923
Coleharbor_MainFeeder	2.475	147.15	59.46	4.2	11772
Colgate_ColgateFeeder	4.032258	2175.02	539.41	8.064516	67426
Cooperstown_NorthFeeder	0	0	0	14	0
Cooperstown_SouthFeeder	0	0	0	7.005566	0
Courtenay_Wimbledon_MainFeeder	8.375	741.44	88.53	17.10714	41521
Courtenay_Wimbledon_WimbledonFeeder	10.522167	942.41	89.56	20.21182	191310
Crary_MainFeeder	0	0	0	6.030769	0
Davenport_MainFeeder	2	389.08	194.54	2	55250
Dazey_Farms_MainFeeder	2.476191	100.08	40.42	7	2102

Feeder	SAIFI	SAIDI (minutes)	CAIDI (minutes)	MAIFI	Total Sustained Customer Minutes
Dazey_MainFeeder	0	0	0	4.873684	0
Deering_MainFeeder	1.470588	17.07	11.61	4.411765	1741
Denhoff_MainFeeder	2.526316	128.7	50.94	7.526316	2445
Devils_Lake_Downtown_South_and_WestFeeder	2	173.62	86.81	1	59377
Devils_Lake_Downtown_West_and_NorthFeeder	1	22.13	22.13	0	10690
Devils_Lake_Northeast_NorthFeeder	1	285	285	12.01563	18240
Devils_Lake_Northwest_CollegeFeeder	0	0	0	7	0
Devils_Lake_Northwest_SouthFeeder	0	0	0	2	0
Devils_Lake_Southeast_EastFeeder	0	0	0	3.002857	0
Devils_Lake_Southwest_East_and_SouthFeeder	0	0	0	0.002558	0
Devils_Lake_Southwest_NorthFeeder	0	0	0	2	0
Douglas_MainFeeder	2.41791	150.53	62.26	9.014925	10085
Doyon_MainFeeder	1	73.94	73.94	6.090909	2440
Drake_MainFeeder	2	24.63	12.32	1	6232
Drayton_SouthFeeder	3	729.53	243.18	9	122562
Dresden_MainFeeder	4	343.98	85.99	16.05618	30614
Dunning_MainFeeder	0	0	0	3	0
Dunseith_MainFeeder	1	35.8	35.8	4	15466
Dwight_MainFeeder	1	23.58	23.58	8.071428	1321
Eckelson_MainFeeder	3	62.95	20.98	2	2392
Edgeley_NorthwestFeeder	0.028	1.28	45.59	0.02	319
Edgeley_SoutheastFeeder	0.083916	4.15	49.44	0.076923	593
Edinburg_MainFeeder	2	169.55	84.77	10	27467
Edmore_MainFeeder	0	0	0	13.00599	0
Eldred_MainFeeder	4	167.42	41.85	5	3181
Eldridge_MainFeeder	5	2234.07	446.81	10	102767
Emrick_MainFeeder	3.2	337.59	105.5	19.2	1688
Emrick_Rural_MainFeeder	4	421.85	105.46	23.42857	2953
Enderlin_115kv_EastFeeder	0	0	0	7.206612	0
Enderlin_115kv_SheldonLine	2	339.95	169.97	10	1020
Enderlin_115kv_WestFeeder	1	10.2	10.2	11.00285	7150

Feeder	SAIFI	SAIDI (minutes)	CAIDI (minutes)	MAIFI	Total Sustained Customer Minutes
Erie_MainFeeder	3.673913	664.52	180.88	6.26087	30568
Esmond_MainFeeder	0	0	0	3	0
Fairdale_MainFeeder	1.652174	90.06	54.51	14.71739	4143
Fairmount_City_and_SonoraFeeder	0.017986	1.05	58.48	0.010791	292
Fairmount_WhiteRock_and_RuralFeeder	1	59.55	59.55	2	60
Falkirk_MainFeeder	2	23.68	11.84	3	734
Fessenden_Hamberg_EastFeeder	1	5.53	5.53	1	1334
Fessenden_Hamberg_WestFeeder	1	5.55	5.55	1	1177
Fessenden_Rural_MainFeeder	7	675.93	96.56	23.5	1352
Fingal_Rural_MainFeeder	4	3025.65	756.41	27.00388	780617
Finley_EastFeeder	1	7.98	7.98	2	1293
Finley_WestFeeder	1	8.02	8.02	2	946
Fordville_FordvilleFeeder	1	9.95	9.95	7	1602
Fordville_Lankin_and_Pisek	1.017647	12.08	11.87	7.011765	2054
Forest_River_MainFeeder	1	85.28	85.28	7	7164
Forman_MainFeeder	5	304.12	60.82	5.002849	106745
Fort_Totten_NorthFeeder	2.333333	150.31	64.42	2.666667	451
Fort_Totten_Rural_MainFeeder	2.166667	113.83	52.53	1.666667	683
Fort_Totten_WestFeeder	1.692308	96.76	57.18	2.153846	3774
Gackle_MainFeeder	5	3953.2	790.64	11.03136	1134567
Gackle_Rural_EastFeeder	5	3806.83	761.37	10	22841
Gackle_Rural_MainFeeder	6	3874.58	645.76	10	38746
Galchutt_MainFeeder	2	224.67	112.33	8.034483	6515
Galesburg_Clifford_MainFeeder	2.87931	766.55	266.23	5.764368	133380
Garrison_CentralFeeder	1	9.61	9.61	4.002427	3960
Garrison_EastFeeder	1	9.58	9.58	4	3460
Garrison_Stone_Inn_MainFeeder	1	9.6	9.6	4	10
Garrison_WestFeeder	1	9.58	9.58	4	1140
Garske_MainFeeder	0	0	0	0.3	0
Geneseo_MainFeeder	0	0	0	5.333333	0
Gilby_Orr_Jct_MainFeeder	0.614907	6.32	10.27	4.26087	1017

Feeder	SAIFI	SAIDI (minutes)	CAIDI (minutes)	MAIFI	Total Sustained Customer Minutes
Glenburn_MainFeeder	1.350877	20.44	15.13	4	1165
Goodrich_MainFeeder	4	65.15	16.29	8	8144
Grand_Rapids_Jct_MainFeeder	9.003984	1128.69	125.35	18.02391	283301
Granville_MainFeeder	1.319372	116.77	88.5	0.675393	22303
GreatBend_Mantador_GreatBendFeeder	0.233333	18.22	78.09	0.8	547
GreatBend_Mantador_GreatBendFeeder	0.233333	18.22	78.09	0.8	547
GreatBend_Mantador_MainFeeder	0.035897	3.22	89.77	0.061538	628
Gwinner_MainFeeder	2	71.07	35.53	2.5	142
Hamar_MainFeeder	1.111111	20.4	18.36	14.77778	184
Hamberg_MainFeeder	1	5.53	5.53	1	398
Hampden_Jct_MainFeeder	4.75	182.93	38.51	5.961538	9513
Hankinson_NorthFeeder	0.004695	0.09	18.8	0.037559	19
Hankinson_SouthFeeder	0	0	0	1	0
HankinsonCasino_MainFeeder	0	0	0	3	0
Hannaford_MainFeeder	0	0	0	7.017094	0
Harvey_North_EastFeeder	1	5.55	5.55	1	3013
Harvey_North_WestFeeder	1	5.53	5.53	2	2927
Havana_MainFeeder	2	194.33	97.17	5.57971	13409
Heaton_MainFeeder	4	471.74	117.94	30.25	3774
Hoople_MainFeeder	0	0	0	10.01081	0
HovingJct_MainFeeder	3	169.8	56.6	11	170
Hurdsfield_MainFeeder	4	172.6	43.15	8	15361
Inkster_MainFeeder	2.434783	366.5	150.53	7	16859
Jamestown_Downtown_NortheastFeeder	4	375.87	93.97	11.00431	87201
Jamestown_Downtown_SoutheastFeeder	4.013986	407.83	101.6	4.015734	233280
Jamestown_Downtown_SouthwestFeeder	3	341.35	113.78	3	208224
Jamestown_NE_Switching_Station_WestFeeder	5	335.88	67.18	17.00141	475610
Jamestown_North_NorthFeeder	2	152.03	76.02	2	3345
Jamestown_North_SouthFeeder	2.699346	207.25	76.78	2.001307	158548
Jamestown_Peaking_Plant_NorthFeeder	6	311.9	51.98	6.000705	442586
Jamestown_Peaking_Plant_SouthFeeder	4	180.48	45.12	5.000896	201419

Feeder	SAIFI	SAIDI (minutes)	CAIDI (minutes)	MAIFI	Total Sustained Customer Minutes
Jamestown_Potato_Plant_NorthTransformer	2	2115.02	1057.51	2	2115
Jamestown_Radio_Station_MainFeeder_KSJB_and_Rur	2.877193	725.41	252.13	4.403509	41349
Jamestown_Southwest_EastFeeder	2.378717	226.01	95.01	7	144421
Jamestown_Southwest_NorthFeeder	3	238.52	79.51	4	110910
Jamestown_Southwest_SouthFeeder	2	199.42	99.71	4	84552
Jud_MainFeeder	4.923077	2316.26	470.49	8.98718	180668
Karlsruhe_MainFeeder	0	0	0	2	0
Kensal_MainFeeder	8	934.43	116.8	20.00602	155115
Kindred_MainFeeder	2.006608	388.68	193.7	4	176459
Kloten_MainFeeder	1	8.02	8.02	2	249
Knox_KnoxFeeder	0	0	0	3	0
Knox_WolfordFeeder	1.046512	86.07	82.24	5.023256	3701
Kramer_Upham_KramerFeeder	1	53.25	53.25	0	1864
Kramer_Upham_UphamFeeder	0.104167	16.16	155.09	0.902778	2326
Lakewood_MainFeeder	0	0	0	4	0
LaMoure_NorthFeeder	6.004641	699.74	116.53	6.00232	301590
LaMoure_SouthFeeder	6.021978	698.88	116.05	7.010989	63598
Landa_MainFeeder	0	0	0	4.5	0
Langdon_Downtown_EastFeeder	1	238.62	238.62	5	71346
Langdon_Downtown_WestFeeder	0	0	0	10	0
Langdon_East_Rural_MainFeeder	0	0	0	5	0
Langdon_North_EastFeeder	0.005435	0.2	36.65	5.005435	37
Langdon_North_HighSchoolFeeder	1	11.08	11.08	9	55
Langdon_North_WestFeeder	2	179.62	89.81	5	85857
Lansford_MainFeeder	0	0	0	3	0
Lawton_Jct_MainFeeder	1.078431	65.32	60.57	13.52941	3331
Leeds_MainFeeder	0	0	0	3.003185	0
Lidgerwood_EastFeeder	0	0	0	8.003876	0
Lidgerwood_WestFeeder	0	0	0	7.005025	0

Feeder	SAIFI	SAIDI (minutes)	CAIDI (minutes)	MAIFI	Total Sustained Customer Minutes	
Lisbon_EastFeeder		5	464.47	92.89	7.002755	168601
Lisbon_NorthFeeder	0.003745		0.22	59.38	0.013109	119
Lisbon_SouthFeeder		2	119.88	59.94	3.020408	5874
Lisbon_WestFeeder		5	422.22	84.44	5.002481	170153
Litchville_MainFeeder	3.099291		358.53	115.68	15.32624	50553
Makoti_MainFeeder	2.104478		108.97	51.78	6.335821	14602
Manfred_MainFeeder	1.466667		23.5	16.02	0.733333	352
Mapes_MainFeeder	0.777778		17.47	22.46	3.444444	157
Mapes_Rural_MainFeeder		1	22.05	22.05	5	22
Mapleton_MainFeeder	0.018789		1.85	98.57	0.043841	887
Mapleton_South_and_West_RuralFeeder	2.045454		331.36	162	3.045454	7290
Martin_MainFeeder	1.319444		72.95	55.29	1.013889	5253
Max_MainFeeder		2	30.82	15.41	5	6256
Maxbass_MainFeeder	1.448276		89.65	61.9	3.045977	7800
McCanna_MainFeeder	6.769231		197.68	29.2	21.76923	5140
McClusky_MainFeeder		6	379.75	63.29	8	118482
McVile_EastArea		1	8.04	8.04	4.011628	2074
McVile_WestArea		1	7.96	7.96	3.006711	1187
Medina_MainFeeder	4.075269		2662.32	653.29	10.94265	742787
Mercer_MainFeeder	1.102041		74.19	67.32	1.102041	7270
Michigan_MainFeeder	6.608434		130.76	19.79	23.42771	43413
Millerton_Montpelier_MainFeeder	4.880435		2405.32	492.85	4.880435	221289
Milnor_MainFeeder		3	187.13	62.38	6	103672
Minnewaukan_MainFeeder		2	103.37	51.68	3	26875
Minto_MainFeeder	1.392461		83.53	59.99	9	37674
Mooreton_MainFeeder	0.005495		0.52	94.05	2	94
Mooreton_RuralFeeder		0	0	0	0.851852	0
Munich_MainFeeder		1	64.57	64.57	11.23913	2970
Neché_MainFeeder		3	106.15	35.38	4	38639
Nekoma_MainFeeder		0	0	0	13.01471	0
New_Effington_MainFeeder	0.321951		22.83	70.92	2.746341	4680

Feeder	SAIFI	SAIDI (minutes)	CAIDI (minutes)	MAIFI	Total Sustained Customer Minutes	
New_Effington_Rural_MainFeeder		0	0	2	0	
New_Folden_MainFeeder		1	7.7	7.7	77	
New_Rockford_North_EastFeeder		1	33.55	33.55	2.016393	6140
New_Rockford_North_WestFeeder		2	68.34	34.17	1.010363	26380
New_Rockford_South_NorthFeeder		2	68.4	34.2	2.013423	30576
New_Rockford_South_SouthFeeder		1.944444	58.44	30.06	1.708333	4208
Newark_Brampton_MainFeeder		12.3125	1081.97	87.88	24.9375	17312
Niagara_MainFeeder		11.174603	778.62	69.68	25.5873	49053
Northcote_EastFeeder		0.666667	43.32	64.97	3.555556	390
Northcote_WestFeeder		5	630.99	126.2	5.2	3155
Nortonville_MainFeeder		1.683333	132.49	78.71	2.15	7949
Norwich_MainFeeder		1.282051	14.53	11.33	6.717949	567
Oakes_North_SouthFeeder		0	0	0	3.002841	0
Oakes_South_EastFeeder		0	0	0	2	0
Oakes_South_SouthFeeder		0.485	7.58	15.63	1.705	1516
Oakes_South_WestFeeder		0	0	0	2	0
Oberon_MainFeeder		0.02	1.72	85.81	0.03	172
Oriska_MainFeeder		1.011628	2129.44	2104.96	8.860465	183132
Oslo_MainFeeder		0.010309	0.87	84.55	0.061856	85
Oslo_Manvel		0.017123	0.93	54.22	0.047945	271
Osnabrock_Jct_MainFeeder		2.052632	170.92	83.27	14.05263	3247
Page_Nolan_and_RuralFeeder		0.151515	131.49	867.86	0.30303	4339
Page_PageFeeder		5	3100.66	620.13	7.026549	350374
Parshall_EastFeeder		2	27.32	13.66	9.007692	7102
Parshall_WestFeeder		2	27.32	13.66	11.0022	12429
Pekin_MainFeeder		1.368421	24.88	18.18	15.08421	2363
Pembina_EastFeeder		2.001923	17.14	8.56	8.176923	8912
Pembina_WestFeeder		3	61.93	20.64	4	11767
Penn_MainFeeder		1	69	69	3	1794
Petersburg_East_Rural_MainFeeder		8	950.18	118.77	26	950
Petersburg_MainFeeder		6	141.58	23.6	22.01676	25343

Feeder	SAIFI	SAIDI (minutes)	CAIDI (minutes)	MAIFI	Total Sustained Customer Minutes
Regan_MainFeeder	4.869565	430.35	88.38	11.36957	19796
Rock_Lake_MainFeeder	3	240.86	80.29	6.041916	120670
Rogers_Leal_Leal_and_RuralFeeder	0	0	0	3.675	0
Rogers_Leal_RogersFeeder	0.586956	322.43	549.32	4.108696	14832
Rolette_MainFeeder	2.63615	313.9	119.08	4.532864	133722
Rolla_Northwest_St_JohnFeeder	1	23.9	23.9	8.008032	5951
Rolla_Southeast_EastFeeder	1	23.93	23.93	14	13187
Rolla_Southeast_WestFeeder	2	176.08	88.04	10.00752	46838
Rosholt_MainFeeder	0	0	0	5	0
Roth_MainFeeder	0	0	0	2.5	0
Rugby_NorthWest_EastFeeder	0	0	0	3	0
Rugby_NorthWest_WestFeeder	0.001348	0.12	91.85	0.014825	92
Rugby_South_EastFeeder	1	12.68	12.68	6.013333	4756
Rugby_South_WestFeeder	1	12.67	12.67	6.014164	4471
Ryder_MainFeeder	2	102.29	51.14	9.892562	12377
Sanborn_MainFeeder	2.013986	29.18	14.49	2	4173
Sardis_Brocket_MainFeeder	1.375	52.06	37.86	4.4375	3332
Sawyer_MainFeeder	1	38.62	38.62	0.726496	9036
Selz_MainFeeder	0	0	0	2.135593	0
Shepard_Main_and_RuralFeeder	0	0	0	6.071429	0
Sheyenne_GravelPit_MainFeeder	3	552.02	184.01	1.666667	1656
Sheyenne_MainFeeder	2	272.89	136.45	1.010526	51850
Simcoe_MainFeeder	2.571429	159.77	62.13	2.285714	1118
Souris_MainFeeder	0	0	0	4.263158	0
Spiritwood_MainFeeder	5	2986.43	597.29	0	119457
St_Michaels_Mission_MainFeeder	1.964286	46.15	23.49	1.214286	1292
St_Thomas_SouthEastFeeder	0	0	0	10.72609	0
St_Thomas_SouthWestFeeder	0	0	0	6.850467	0
Streeter_MainFeeder	5.762712	3823.17	663.43	10	902269
Surrey_MainFeeder	2	23.08	11.54	7.333333	69
Sweetwater_MainFeeder	0	0	0	3.25	0

Feeder	SAIFI	SAIDI (minutes)	CAIDI (minutes)	MAIFI	Total Sustained Customer Minutes
Sykeston_MainFeeder	8	580.95	72.62	23.00685	84818
Tokio_MainFeeder	0.222222	9.54	42.91	1.888889	172
Tower_City_MainFeeder	3	241.92	80.64	4	47416
Towner_EastFeeder	1	69.24	69.24	1.762712	12255
Towner_WestFeeder	1	69.85	69.85	1.723558	29056
Turtle_Lake_MainFeeder	3	201.8	67.27	3	41369
Tuttle_MainFeeder	5	320.52	64.1	16.51799	44552
Tyler_MainFeeder	1	59.77	59.77	1.025641	2331
Underwood_ND_NorthFeeder	3.015686	211.78	70.23	6.003922	54005
Underwood_ND_SouthFeeder	2	131.58	65.79	6.011905	22106
Urbana_MainFeeder	2	29.07	14.53	2	291
Velva_EastFeeder	3	197.25	65.75	7	69629
Velva_WestFeeder	3	197.12	65.71	4	95602
Verona_MainFeeder	0	0	0	8	0
Victor_NorthFeeder	2	346.52	173.26	4	36731
Victor_SouthFeeder	0	0	0	0.212766	0
Voltaire_MainFeeder	4	404.02	101	3	19393
Wabek_Plaza_MainFeeder	2	27.35	13.67	10.00453	6044
Wahpeton_N_115_NEWahpeton_and_WestRural	2	34.15	17.07	0	1059
Wahpeton_N_115_SouthFeeder	0.006154	1.01	164.23	1.003077	328
Wahpeton_N_115_WellLine	0	0	0	0.0625	0
Wahpeton_NW_EastFeeder	0.09697	7.54	77.78	0.15303	4978
Wahpeton_NW_IndianSchool_CollegeFeeder	0.022426	1.29	57.5	0.006116	1265
Wahpeton_NW_NorthRiser	0	0	0	1	0
Wahpeton_NW_SchoolsFeeder	0	0	0	0.884276	0
Wahpeton_NW_SouthFeeder	0.007582	0.76	100.02	0	900
Wahpeton_SE_WestFeeder	0.054545	9.45	173.23	0.509091	520
Walcott_MainFeeder	1.011628	69.49	68.69	7.011628	11953
Walhalla_EastFeeder	1	8.02	8.02	5	32
Walhalla_NorthMainFeeder	1	8.17	8.17	5	2409
Walum_Jct_Walum_Sibley_Luverne_KarnakFeeder	3	228.35	76.12	8	25804

Feeder	SAIFI	SAIDI (minutes)	CAIDI (minutes)	MAIFI	Total Sustained Customer Minutes
Walum_Karnak_Sibley_Luverne_MainFeeder	3	228.38	76.13	9	25807
Warwick_MainFeeder	2	88.1	44.05	16.02857	6167
Warwick_Wells_MainFeeder	2	172.52	86.26	15	345
Washburn_NorthwestFeeder	3.99631	104.58	26.17	17.02583	28341
Washburn_SoutheastFeeder	3.995413	104.43	26.14	18.02752	22766
Webster_MainFeeder	1	52.3	52.3	3	2144
Westhope_EastFeeder	0	0	0	2	0
Wheatland_MainFeeder	1	114.41	114.41	4.018868	6064
Willow_City_MainFeeder	0	0	0	1	0
WiltonND_MainFeeder	2	76.98	38.49	2.004556	33795
WiltonND_Rural_MainFeeder	2.8	326.32	116.54	11.8	1632
Windsor_MainFeeder	3.842105	3696.65	962.14	10	70236
Wing_MainFeeder	4	204.06	51.02	15.09091	26936
Wyndmere_MainFeeder	2.004598	123.62	61.67	4.006896	53775
York_MainFeeder	0.411765	90.22	219.12	3	4601

2.5 Normalized Results:

2023 State/Customer Service Center	SAIFI	SAIDI (minutes)	CAIDI (minutes)	MAIFI	Sustained Customer Minutes
ND	1.557	125.17	80.42	5.195	8262922
Devils_Lake	1.366	82	60.05	6.029	927601
Jamestown	2.19	186.39	85.09	6.483	3470723
Rugby	1.403	68.3	48.69	4.341	1104063
Wahpeton	0.894	128.39	143.65	2.895	2102671
2023 OTP System KPI Goals	1.2	85	70	5.5	NA

Major Service Interruption - Annual Summary (Outage Report)
2023 Report

Background
In August 2005, Otter Tail Power Company (Otter Tail) agreed to provide the North Dakota Public Service Commission with service interruption information that entailed interruptions within North Dakota (ND) affecting 500 or more customers for one hour or more.

Event	Location	Customers	Start Time	End Time	Duration	Cause
1	Emrick	4	1/4/2023 3:53	1/4/2023 5:21	1:27:27	Open breaker due to heavy frost on the lines.
	Fessenden	2	1/4/2023 3:53	1/4/2023 5:19	1:25:23	
	Cathay	55	1/4/2023 3:53	1/4/2023 5:19	1:25:23	
	Emrick	7	1/4/2023 3:53	1/4/2023 5:19	1:25:23	
	Bordulac	49	1/4/2023 3:53	1/4/2023 5:13	1:20:04	
	Kensal	166	1/4/2023 3:53	1/4/2023 5:11	1:17:34	
	Courtenay	134	1/4/2023 3:53	1/4/2023 5:08	1:14:19	
	Courtenay	148	1/4/2023 3:53	1/4/2023 5:07	1:14:12	
	Courtenay	120	1/4/2023 3:53	1/4/2023 5:07	1:13:59	
2	Drayton	507	3/19/2023 18:48	3/20/2023 6:28	11:39:25	Substation transformer failure.
3	Milnor	554	5/2/2023 16:36	5/2/2023 18:43	2:06:17	Broken arrester.
4	McClusky	312	5/9/2023 14:02	5/9/2023 15:23	1:20:37	Broken insulator caused a pole to burn.
	Turtle Lake	205	5/9/2023 14:02	5/9/2023 15:22	1:19:49	
5	Amenia	70	5/21/2023 12:16	5/21/2023 14:21	2:04:48	Arrester that blew up in a 115 substation.
	Casselton	290	5/21/2023 12:16	5/21/2023 14:21	2:05:03	
	Casselton	304	5/21/2023 12:16	5/21/2023 14:21	2:04:47	
	Casselton	22	5/21/2023 12:16	5/21/2023 14:21	2:04:49	
	Davenport	142	5/21/2023 12:16	5/21/2023 14:21	2:05:00	
	Kindred	453	5/21/2023 12:16	5/21/2023 14:21	2:04:56	
6	Granville	126	6/2/2023 18:10	6/2/2023 19:27	1:17:27	Lightning strike caused an insulator to fail and a pole to burn.
	Towner	582	6/2/2023 18:10	6/2/2023 19:21	1:11:14	
	Berwick	12	6/2/2023 18:10	6/2/2023 19:19	1:09:16	
7	Kensal	166	6/7/2023 17:35	6/7/2023 18:44	1:09:19	Storm with lightning rolled through the area causing a line to ground fault on the 345 kV transmission line 10 miles east of Jamestown.
	Courtenay	251	6/7/2023 17:35	6/7/2023 18:44	1:09:34	
	Spiritwood	40	6/7/2023 17:35	6/7/2023 20:29	2:54:24	
	Jamestown	1	6/7/2023 17:35	6/7/2023 18:44	1:08:42	
	Windsor	19	6/7/2023 17:35	6/7/2023 18:48	1:12:55	
	Streeter	236	6/7/2023 17:35	6/7/2023 18:48	1:12:51	
	Medina	278	6/7/2023 17:35	6/7/2023 18:48	1:12:50	
	Jamestown	787	6/7/2023 17:35	6/7/2023 18:44	1:08:57	
	Jamestown	610	6/7/2023 17:35	6/7/2023 18:44	1:08:42	
	Gackle	287	6/7/2023 17:35	6/7/2023 18:51	1:15:29	
	Jamestown	2535	6/7/2023 17:35	6/7/2023 18:44	1:08:48	
	Gackle	10	6/7/2023 17:35	6/7/2023 18:48	1:12:37	
	Jamestown	1528	6/7/2023 17:35	6/7/2023 18:46	1:11:17	

Event	Location	Customers	Start Time	End Time	Duration	Cause
	Jamestown	572	6/7/2023 17:35	6/7/2023 18:44	1:08:44	
	Jamestown	1416	6/7/2023 17:35	6/7/2023 18:44	1:08:43	
	Jud	30	6/7/2023 17:35	6/7/2023 18:51	1:15:18	
	Jamestown	351	6/7/2023 17:35	6/7/2023 18:44	1:08:42	
	Gackle	6	6/7/2023 17:35	6/7/2023 18:48	1:12:40	
	Eldridge	46	6/7/2023 17:35	6/7/2023 18:48	1:12:40	
	Cleveland	94	6/7/2023 17:35	6/7/2023 18:48	1:12:39	
8	Jamestown	610	6/24/2023 3:47	6/24/2023 6:49	3:02:15	
9	Devils Lake	742	9/27/2023 0:00	9/27/2023 4:45	4:45:00	Planned outage to upgrade underground power lines and equipment.
10	Lisbon	363	10/6/2023 3:30	10/6/2023 5:22	1:51:51	Planned outage to change out regulators and high-side arrestors in the Lisbon substation.
	Lisbon	49	10/6/2023 3:30	10/6/2023 5:22	1:52:39	
	Lisbon	403	10/6/2023 3:30	10/6/2023 5:22	1:51:59	
11	Velva	591	11/2/2023 22:00	11/3/2023 12:10	2:10:00	Planned outage to upsize a substation transformer.
12	Gackle	277	12/5/2023 7:53	12/5/2023 10:28	2:34:22	Central Power Electric Cooperative had a line down that affected our customers in these location. Our crews were not on site to determine the cause of their damaged line.
	Medina	241	12/5/2023 7:53	12/5/2023 10:26	2:33:11	
	Jud	73	12/5/2023 7:53	12/5/2023 10:26	2:32:42	
	Streeter	159	12/5/2023 7:54	12/5/2023 10:27	2:32:26	
	Cleveland	88	12/5/2023 7:54	12/5/2023 10:27	2:32:26	
13	Jud	120	12/26/2023 8:39	12/29/2023 16:31	79:51:55	Ice storm that rolled through North Dakota causing significant damage to our transmission system including downed lines, broken poles and cross arms.
	Gackle	287	12/26/2023 8:39	12/28/2023 22:50	62:10:58	
	Medina	279	12/26/2023 6:55	12/28/2023 18:21	59:26:31	
	Streeter	236	12/26/2023 6:55	12/28/2023 18:21	59:26:26	
	Gackle	6	12/26/2023 6:55	12/28/2023 18:22	59:26:21	
	Gackle	10	12/26/2023 6:55	12/28/2023 18:21	59:26:11	
	Cleveland	94	12/26/2023 6:55	12/28/2023 18:17	59:21:33	
	Windsor	19	12/26/2023 6:55	12/28/2023 16:34	57:39:00	
	Millerton_Montpelier	63	12/26/2023 21:03	12/28/2023 20:49	47:46:32	
	Fingal	258	12/25/2023 21:50	12/27/2023 20:04	46:14:03	
	Spiritwood	40	12/26/2023 18:07	12/28/2023 9:02	38:54:07	
	Oriska	86	12/26/2023 7:50	12/27/2023 18:55	35:05:10	
	Jamestown	1	12/26/2023 18:08	12/28/2023 4:14	34:06:19	
	Alice	31	12/26/2023 9:00	12/27/2023 14:00	28:59:58	
	Eldridge	46	12/27/2023 11:01	12/28/2023 12:44	25:42:48	
	Jamestown	15	12/26/2023 14:24	12/27/2023 14:09	23:45:43	
	Page	113	12/26/2023 0:52	12/26/2023 22:13	21:20:54	
	Page	113	12/27/2023 16:11	12/28/2023 13:29	21:18:17	
	Colgate	32	12/26/2023 15:43	12/27/2023 11:40	19:57:20	
	Ayr	53	12/27/2023 14:41	12/28/2023 7:57	17:15:39	

Event	Location	Customers	Start Time	End Time	Duration	Cause
	Colgate	31	12/26/2023 0:52	12/26/2023 14:07	13:15:07	
	Jud	35	12/28/2023 13:52	12/28/2023 22:32	8:40:10	
	Page	113	12/28/2023 13:30	12/28/2023 19:31	6:01:17	
	Bowdon	139	12/27/2023 14:35	12/27/2023 20:16	5:41:15	
	Heaton	8	12/27/2023 14:35	12/27/2023 20:16	5:41:15	
	Erie	38	12/27/2023 14:41	12/27/2023 20:21	5:40:28	
	Antler_Kuroki	203	12/27/2023 14:41	12/27/2023 20:21	5:40:26	
	Eldridge	46	12/26/2023 15:25	12/26/2023 20:54	5:28:59	
	Amenia	70	12/25/2023 16:30	12/25/2023 21:40	5:10:02	
	Jamestown	38	12/26/2023 6:38	12/26/2023 11:32	4:54:45	
	Newark_Brampton	16	12/25/2023 21:03	12/26/2023 1:56	4:52:49	
	Carrington	54	12/27/2023 14:34	12/27/2023 19:22	4:47:40	
	Carrington	454	12/27/2023 14:34	12/27/2023 19:08	4:33:48	
	Courtenay_Wimbledon	251	12/27/2023 14:35	12/27/2023 19:08	4:33:44	
	Sykeston	146	12/27/2023 14:35	12/27/2023 19:08	4:33:35	
	Kensal	166	12/27/2023 14:35	12/27/2023 19:08	4:33:34	
	Bordulac	49	12/27/2023 14:35	12/27/2023 19:08	4:33:33	
	Casselton	22	12/25/2023 16:30	12/25/2023 21:03	4:33:06	
	Absaraka	28	12/26/2023 0:52	12/26/2023 5:21	4:29:10	
	Ayr	53	12/26/2023 0:52	12/26/2023 5:21	4:29:04	
	Erie	38	12/26/2023 0:52	12/26/2023 5:20	4:28:42	
	Antler_Kuroki	203	12/26/2023 0:52	12/26/2023 5:20	4:28:34	
	Davenport	142	12/25/2023 16:29	12/25/2023 20:54	4:24:28	
	Kindred	454	12/25/2023 16:30	12/25/2023 20:54	4:24:24	
	Christine	118	12/25/2023 21:51	12/26/2023 2:10	4:18:51	
	Enderlin	3	12/25/2023 19:58	12/26/2023 0:14	4:16:24	
	Enderlin	7	12/27/2023 14:35	12/27/2023 18:47	4:12:12	
	Fessenden	2	12/27/2023 14:35	12/27/2023 18:47	4:12:05	
	Cathay	3	12/27/2023 14:35	12/27/2023 18:47	4:12:04	
	Cathay	52	12/27/2023 14:35	12/27/2023 18:47	4:12:03	
	Emrick	4	12/27/2023 14:35	12/27/2023 18:47	4:12:03	
	Grand_Rapids	251	12/26/2023 12:16	12/26/2023 16:25	4:09:47	
	Casselton	289	12/25/2023 16:29	2023-12-25T20:35:24	4:05:32	
	Casselton	304	12/25/2023 16:30	12/25/2023 20:35	4:04:59	
	Lisbon	403	12/25/2023 23:18	12/26/2023 3:20	4:01:45	
	Litchville	138	12/27/2023 16:02	12/27/2023 20:03	4:01:02	
	Spiritwood	40	12/27/2023 14:35	12/28/2023 18:19	3:44:04	
	LaMoure	522	12/26/2023 12:16	2023-12-26T15:52:22	3:36:18	
	LaMoure	522	12/27/2023 15:05	12/27/2023 18:33	3:28:38	
	Grand Rapids	251	12/27/2023 15:05	12/27/2023 18:33	3:28:32	
	Berlin	29	12/27/2023 15:05	12/27/2023 18:33	3:28:31	
	Tower	196	12/26/2023 7:50	2023-12-26T11:17:01	3:26:07	
	Eldridge	46	12/26/2023 6:55	2023-12-26T10:08:43	3:13:10	
	LaMoure	522	12/28/2023 10:53	12/28/2023 13:47	2:53:34	
	Berlin	29	12/28/2023 10:53	12/28/2023 13:47	2:53:19	

Event	Location	Customers	Start Time	End Time	Duration	Cause
	Grand Rapids	251	12/28/2023 10:54	12/28/2023 13:47	2:53:18	
	Alice	26	12/26/2023 0:38	12/26/2023 3:30	2:52:13	
	Colgate	31	12/27/2023 11:50	12/27/2023 14:39	2:49:14	
	Jamestown	571	12/27/2023 5:51	12/27/2023 8:29	2:38:35	
	Page	113	12/27/2023 11:50	12/27/2023 14:27	2:37:28	
	Berlin	29	12/26/2023 12:16	12/26/2023 14:50	2:34:34	
	Grand Rapids	251	12/27/2023 11:22	12/27/2023 13:55	2:32:54	
	Erie	38	12/28/2023 12:33	12/28/2023 14:57	2:23:47	
	Antler_Kuroki	203	12/28/2023 12:33	12/28/2023 14:57	2:23:37	
	Jamestown	1416	12/27/2023 8:50	12/27/2023 11:05	2:15:09	
	Grand Rapids	251	12/26/2023 19:18	12/26/2023 21:32	2:14:42	
	Jamestown	1528	12/26/2023 18:07	12/26/2023 20:16	2:08:12	
	Casselton	290	12/26/2023 1:07	12/26/2023 3:02	1:54:36	
	Wheatland	53	12/26/2023 1:07	12/26/2023 3:02	1:54:25	
	Casselton	22	12/26/2023 1:07	12/26/2023 3:02	1:54:24	
	Casselton	304	12/26/2023 1:07	12/26/2023 3:02	1:54:22	
	Jamestown	1419	12/26/2023 16:29	12/26/2023 18:01	1:31:55	
	Jamestown	572	12/26/2023 18:07	12/26/2023 19:38	1:30:29	
	Jamestown	351	12/26/2023 18:08	12/26/2023 19:38	1:30:27	
	Jamestown	610	12/26/2023 18:07	12/26/2023 19:38	1:30:24	
	Litchville	151	12/27/2023 14:31	12/27/2023 16:01	1:30:07	
	Jamestown	572	12/27/2023 4:00	12/27/2023 5:29	1:28:29	
	Lake City	46	12/28/2023 14:07	12/28/2023 15:34	1:27:22	
	Eden	90	12/28/2023 14:07	12/28/2023 15:34	1:27:13	
	Hillhead	4	12/28/2023 14:07	12/28/2023 15:34	1:27:13	
	Jamestown	787	12/26/2023 18:07	12/26/2023 19:31	1:23:37	
	Jamestown	1416	12/26/2023 18:08	12/26/2023 19:31	1:23:22	
	Carrington	453	12/27/2023 19:11	12/27/2023 20:32	1:20:57	
	Jamestown	14	12/27/2023 15:05	12/27/2023 16:22	1:17:40	
	Newark_Brampton	16	12/26/2023 7:57	12/26/2023 9:13	1:16:24	
	LaMoure	522	12/26/2023 18:07	12/26/2023 19:17	1:09:40	
	Berlin	29	12/26/2023 18:07	12/26/2023 19:17	1:09:34	
	Grand Rapids	251	12/26/2023 18:07	12/26/2023 19:17	1:09:34	
	Wyndmere	435	12/25/2023 18:52	12/25/2023 20:01	1:08:40	