Comprehensive Switchyard Diagnostic Inspection Report

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Executive Overview

RATTLIR completed a Comprehensive Switchyard Diagnostic Inspection of XYZ Power's high voltage switchyard and associated equipment on 11/1/2026 under normal operating conditions. The inspection combined thermographic, acoustic, and aerial visual methods to evaluate energized equipment condition, identify abnormal heat patterns and partial discharge activity, document visible equipment concerns, and establish baseline data for future comparison and trending.

The thermographic inspection included 837 individual differential temperature (ΔT) comparisons across the inspected equipment. Overall, the thermal condition was favorable with most comparisons classified as Baseline or Monitor. A limited number of findings were elevated to Critical or Plan to Repair status based on the established assessment criteria.

Location	Baseline	Monitor	Plan to Repair	Critical
GT1	208	88	1	1
GT2	218	82	1	2
500KV Transmission Line	139	96	1	0
Total	565	266	3	3

Of the 837 thermal comparisons completed, 99.2% were classified as Baseline or Monitor, while 0.4% of the observations were classified as Plan to Repair and 0.4% were classified as Critical.

The acoustic inspection identified 10 individual observations, with 3 elevated for inclusion in the Issues and Actions plan based on their condition and maintenance relevance. Of those, the 3 findings were associated with surface or internal discharge activity. One surface discharge finding associated with a disconnect switch arc horn was classified as Critical due to the potential for continued discharge activity to damage the component. The remaining observations were documented as part of the inspection report and provide additional baseline information for future comparison.

The aerial visual inspection identified 2 conditions requiring follow-up. A glass insulator disc on the 345 KV Transmission Tower 1 is broken, leaving a visible gap in the insulator assembly. A ground cable from the guy cable suspension block on 345 KV Transmission Tower 2 is broken and is not connected to the structure. These conditions are documented individually in the Issues and Actions plan for inspection and corrective action as appropriate. The complete aerial image set is included in the turnover documents for additional review and reference.

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Issues and Actions Plan

The Issues and Actions Plan consolidates the thermal, acoustic, and aerial visual observations identified during the inspection that warrant maintenance considerations or follow-up. The following table provides a single reference for prioritized findings, observed conditions, recommended actions, and associated inspection documentation. Detailed supporting information for each finding is provided within the applicable thermal, acoustic, or aerial visual inspection section of this report.

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XYZ Power - Issues and Actions Plan

Item No.	Inspection Date	Inspection #	Image ID	Equipment ID	Equipment Type	Component / Location	Phase	Severity	ΔT °F	Potential Issue	Recommended Action
1	11/1/2026	GT-185	FLIR0185	GT 52-1	Breaker	Breaker Bolted Connection	B	Critical	36	The flexible conductor bolted connection, between the Breaker and Disconnect Switch, is showing an elevated temperature when compared to A and B phase. A hot spot can be seen in image FLIR0185 - tuned, originating from a connection bolt.	The issue was discussed with plant personnel at the time of discovery. Prioritize corrective maintenance at the earliest opportunity. Inspect the connection for signs of damage, verify bolt torque, and repair or replace affected components as necessary. Monitor the condition until repairs are completed.
2	11/1/2026	ST-176	FLIR0473	ST 52-20	Breaker	Breaker Bolted Connection	A	Critical	27.7	The bus conductor bolted connection, between the GSU and the Breaker, is showing an elevated temperature when compared to A and B phase. A hot spot can be seen in image FLIR0473 - tuned, originating from a connection bolt.	The issue was discussed with plant personnel at the time of discovery. Prioritize corrective maintenance at the earliest opportunity. Inspect the connection for signs of damage, verify bolt torque, and repair or replace affected components as necessary. Monitor the condition until repairs are completed.
3	11/1/2026	ST-242	FLIR0539	ST D-20	Disconnect	Disconnect Blade Connection	A	Critical	38.5	The outgoing A phase disconnect is not making good contact and is producing an excessive amount of heat.	This issue was discussed with plant personnel at the time of discovery. The disconnect was cycled after the unit was dispatched offline. Retesting the next day showed the disconnect to be fully closed with a normal temperature.
4	11/1/2026	AC-3	AC0140	D-10	Disconnect	Arc Horn	B	Critical		Surface discharge activity was identified on the arc horn. Comparable arc horns are installed on the other phases, but only this location exhibited a surface discharge indication. Continued discharge activity may result in localized surface damage or deterioration of the arc horn.	Arrange for inspection of the affected arc horn and associated disconnect hardware at the earliest practical maintenance opportunity. Clean the affected component and inspect for pitting, erosion, contamination, looseness, or other signs of discharge-related damage. Repair or replace affected components as required, and continue periodic monitoring until the condition is corrected.
5	11/1/2026	GT-279	FLIR0279	GT D-10	Disconnect	Disconnect Blade Connection	C	Plan to Repair	13	The C phase outgoing disconnect at the point of interconnection is not making good contact and is producing excessive heat.	When the plant is offline, open and reclose the disconnect.
6	11/1/2026	ST-220	FLIR0517	ST 52-20	Breaker	Flexible Conductor Crimped Connection North	C	Plan to Repair	27	Heat is forming at the C phase breaker outgoing flexible cable connector. A temperature gradient can be seen in FLIR0517 - tuned, that shows the temperature originating near the bolted end of the connector.	Inspect the connection for signs of damage. The connector may be able to be recrimped. Periodically monitor until next outage opportunity.
7	11/1/2026	345-144	FLIR0744	Transmission Tower 1	Bus / conductor	Transmission Line Bolted Connection North	B	Plan to Repair	24.4	The incoming bolted connection on the interconnecting A Phase disconnect is showing an elevated temperature when compared against the connections on B and C phase. The image FLIR0513 - tuned, shows the temperature is originating in the bolted connection with an even heating pattern.	Inspect the connection for signs of damage. Check bolt torque. Periodically monitor until the next outage opportunity.
8	11/1/2026	AC-4	AC0117	GSU Transformer #2	Transformer	High Side Bushing Housing	A	High		This is classified as a surface or internal discharge. At this stage, the discharge appears to be of moderate strength. It will progress over time and lead to complete insulation breakdown.	Visual inspection. Cleaning of polluted surfaces. Repair or replacement of damaged components.
9	11/1/2026	AC-7	AC0128	D-20	Bus / conductor	Support Insulator	C	High		This is classified as a surface or internal discharge. At this stage, the discharge appears to be of moderate strength. It will progress over time and lead to complete insulation breakdown.	Prioritize visual inspection and cleaning of the affected components during the next appropriate high-voltage outage. Repair or replace any damaged or deteriorated components identified during the inspection.
10	11/1/2026	V-1	IMG_EO_045	Transmission Tower 1	Insulator	Suspension Insulator String	C	Medium		A glass insulator disc on the dual 345 kV insulator string appears to be broken, leaving a visible gap in the insulator assembly. The condition is not consistent with the adjacent discs and may reduce the intended insulation and mechanical integrity of the string.	Inspect the affected insulator string and verify the condition against the OEM or design documentation. Replace the damaged glass insulator disc, or the affected insulator section, as required based on the inspection findings.
11	11/1/2026	V-2	IMG_EO_076	Transmission Tower 2	Guy Cable	Ground Connection	N/A	Medium		The ground cable from the guy cable suspension block to the frame appears to be broken at the structure connection.	Inspect the grounding and bonding connection and repair or replace the conductor at the next appropriate outage.

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Thermal Inspection

The thermal inspection evaluated energized switchyard equipment and associated electrical connections during normal plant operation using comparative thermographic analysis. The assessment focused on identifying relative thermal differences between comparable components and determining whether observed heat patterns were consistent with expected operating conditions or indicative of a developing condition requiring maintenance attention.

Electrically connected components were evaluated by identifying the minimum measured temperature among the three phases and comparing each phase to that reference value. The resulting differential temperatures (ΔT) were used to assess relative thermal variation across the three-phase connection. Insulator stacks and other components not suited to direct phase-to-phase comparison were evaluated against adjacent or similar equipment operating under comparable conditions.

Thermal interpretation also considered the distribution and spread of observed heat patterns rather than relying solely on individual temperature measurements. Attention was given to reflected temperature influences from nearby operating equipment and surrounding surfaces, which can affect apparent surface temperatures. These potential influences were considered during image review and condition assessment.

The thermal assessment criteria used for this inspection were based on differential temperature guidance provided in ANSI/NETA MTS-2023, Standard for Maintenance Testing Specifications for Electrical Power Equipment and Systems. The applicable ΔT values were incorporated into RATTLIR's condition classifications to provide a consistent basis for evaluating thermal relationships and assigning maintenance priority. The following criteria were used to classify thermal observations and establish the corresponding level of maintenance consideration.

Severity	Min Δ°F	Max Δ°F	Suggested Action
Baseline	0	1.9	Baseline / No Action
Monitor	2	6	Periodic Monitoring
Plan to Repair	7	27	Plan for Next Appropriate Outage, Periodic Monitoring
Critical	>27.1		Perform Corrective Action at Next Opportunity

Calculated ΔT values were compared with the established assessment criteria and assigned an applicable condition classification. A final condition was determined for each evaluated

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component based on the measured thermal relationship, observed heat pattern, and overall characteristics of the thermal indication.

Thermal Inspection Logs

Detailed Thermal Inspection Logs were developed for each inspected unit and transmission line segment to document the individual measurements and comparisons used during the thermal assessment. Each log identifies the inspection date, associated image, equipment and component location, phase, measured temperature, reference temperature, calculated differential temperature (ΔT), comparison basis, and assigned severity classification.

The logs provide traceability between the captured thermal imagery and the condition classifications presented in this report. The Position field identifies the relative equipment location, such as incoming or outgoing, to maintain consistent orientation and equipment references throughout the inspection data.

Inspection Logs are organized by GT, ST, and the 345 kV transmission line. The following sections provide detailed thermal assessment data for each respective inspection area.

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GT Inspection Log

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XYZ Power - GT Inspection Log

Inspection Date	Inspection #	Image ID	Equipment ID	Equipment Type	Component / Location	Phase	Position	Measured Temp °F	Reference Temp °F	ΔT °F	ΔT °C	ΔT Basis	Severity
11/1/2026	GT-1	FLIR0001	GSU Transformer #1	GSU	Shell Temperature 1			103.4	97.3	6.1	3.3888889	Phase-to-phase	Monitor
11/1/2026	GT-2	FLIR0002	GSU Transformer #1	GSU	Shell Temperature 2			97.3	97.3	0	0	Phase-to-phase	Baseline
11/1/2026	GT-3	FLIR0003	GSU Transformer #1	GSU	Shell Temperature 3			102	97.3	4.7	2.6111111	Phase-to-phase	Monitor
11/1/2026	GT-4	FLIR0004	GSU Transformer #1	GSU	Radiator North Bank 1			91	91.2	0.2	0.1111111	Phase-to-phase	Baseline
11/1/2026	GT-5	FLIR0005	GSU Transformer #1	GSU	Radiator North Bank 2			90.2	91.2	1	0.5555556	Phase-to-phase	Baseline
11/1/2026	GT-6	FLIR0006	GSU Transformer #1	GSU	Radiator North Bank 3			91.2	91.2	0	0	Phase-to-phase	Baseline
11/1/2026	GT-7	FLIR0007	GSU Transformer #1	GSU	Radiator South Bank 1			92.9	92.9	0	0	Phase-to-phase	Baseline
11/1/2026	GT-8	FLIR0008	GSU Transformer #1	GSU	Radiator South Bank 2			93.9	92.9	1	0.5555556	Phase-to-phase	Baseline
11/1/2026	GT-9	FLIR0009	GSU Transformer #1	GSU	Radiator South Bank 3			93.5	92.9	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	GT-10	FLIR0010	GSU Transformer #1	Bus / conductor	IsoPhase Upper 90	A		88.9	88.9	0	0	Phase-to-phase	Baseline
11/1/2026	GT-11	FLIR0011	GSU Transformer #1	Bus / conductor	IsoPhase Upper 90	B		89.1	88.9	0.2	0.1111111	Phase-to-phase	Baseline
11/1/2026	GT-12	FLIR0012	GSU Transformer #1	Bus / conductor	IsoPhase Upper 90	C		91.3	88.9	2.4	1.3333333	Phase-to-phase	Monitor
11/1/2026	GT-13	FLIR0013	GSU Transformer #1	Bus / conductor	IsoPhase Lower 90	A		82.3	81.4	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	GT-14	FLIR0014	GSU Transformer #1	Bus / conductor	IsoPhase Lower 90	B		81.4	81.4	0	0	Phase-to-phase	Baseline
11/1/2026	GT-15	FLIR0015	GSU Transformer #1	Bus / conductor	IsoPhase Lower 90	C		85.4	81.4	4	2.2222222	Phase-to-phase	Monitor
11/1/2026	GT-16	FLIR0016	GSU Transformer #1	GSU	High Side Bushing Housing	A		89.4	89.4	0	0	Phase-to-phase	Baseline
11/1/2026	GT-17	FLIR0017	GSU Transformer #1	GSU	High Side Bushing	A		82.9	82.9	0	0	Phase-to-phase	Baseline
11/1/2026	GT-18	FLIR0018	GSU Transformer #1	GSU	High Side Bushing Connection Upper	A		87.3	83.9	3.4	1.8888889	Phase-to-phase	Monitor
11/1/2026	GT-19	FLIR0019	GSU Transformer #1	GSU	High Side Bushing Connection Lower	A		85.6	81.1	4.5	2.5	Phase-to-phase	Monitor
11/1/2026	GT-20	FLIR0020	GSU Transformer #1	GSU	Bushing Cable Bolted Connection North	A		83.5	83.5	0	0	Phase-to-phase	Baseline
11/1/2026	GT-21	FLIR0021	GSU Transformer #1	GSU	Bushing Cable Bolted Connection South	A		83.7	83.5	0.2	0.1111111	Phase-to-phase	Baseline
11/1/2026	GT-22	FLIR0022	GSU Transformer #1	GSU	Bushing Cable Crimped Connection North	A		66.3	66.3	0	0	Phase-to-phase	Baseline
11/1/2026	GT-23	FLIR0023	GSU Transformer #1	GSU	Bushing Cable Crimped Connection South	A		67.8	66.3	1.5	0.8333333	Phase-to-phase	Baseline
11/1/2026	GT-24	FLIR0024	GSU Transformer #1	GSU	Surge Arrester Connection Upper	A		81.7	79.1	2.6	1.4444444	Phase-to-phase	Monitor
11/1/2026	GT-25	FLIR0025	GSU Transformer #1	GSU	Surge Arrester Connection Lower	A		78.3	78.3	0	0	Phase-to-phase	Baseline
11/1/2026	GT-26	FLIR0026	GSU Transformer #1	GSU	Surge Arrester Cable Connection North	A		81	80.3	0.7	0.3888889	Phase-to-phase	Baseline
11/1/2026	GT-27	FLIR0027	GSU Transformer #1	GSU	Surge Arrester Cable Connection South	A		80.5	80.3	0.2	0.1111111	Phase-to-phase	Baseline
11/1/2026	GT-28	FLIR0028	GSU Transformer #1	GSU	Surge Arrester Insulator Upper	A		81.1	80.7	0.4	0.2222222	Phase-to-phase	Baseline
11/1/2026	GT-29	FLIR0029	GSU Transformer #1	GSU	Surge Arrester Insulator 2	A		81.4	80.7	0.7	0.3888889	Phase-to-phase	Baseline
11/1/2026	GT-30	FLIR0030	GSU Transformer #1	GSU	Surge Arrester Insulator 3	A		81.5	80.7	0.8	0.4444444	Phase-to-phase	Baseline
11/1/2026	GT-31	FLIR0031	GSU Transformer #1	GSU	Surge Arrester Insulator Lower	A		81.7	80.7	1	0.5555556	Phase-to-phase	Baseline
11/1/2026	GT-32	FLIR0032	GSU Transformer #1	GSU	Flexible Conductor North	A		77.9	76.1	1.8	1	Phase-to-phase	Baseline
11/1/2026	GT-33	FLIR0033	GSU Transformer #1	GSU	Flexible Conductor South	A		78.1	76.1	2	1.1111111	Phase-to-phase	Monitor
11/1/2026	GT-34	FLIR0034	GSU Transformer #1	GSU	Bus Conductor Bolted Connection	A		85.3	84.2	1.1	0.6111111	Phase-to-phase	Baseline
11/1/2026	GT-35	FLIR0035	GSU Transformer #1	GSU	Flexible Conductor Bolted Connection North	A		84.9	83.9	1	0.5555556	Phase-to-phase	Baseline
11/1/2026	GT-36	FLIR0036	GSU Transformer #1	GSU	Flexible Conductor Bolted Connection South	A		83.9	83.9	0	0	Phase-to-phase	Baseline
11/1/2026	GT-37	FLIR0037	GSU Transformer #1	GSU	Flexible Conductor Crimped Connection North	A		85.2	82.7	2.5	1.3888889	Phase-to-phase	Monitor
11/1/2026	GT-38	FLIR0038	GSU Transformer #1	GSU	Flexible Conductor Crimped Connection South	A		84.8	82.7	2.1	1.1666667	Phase-to-phase	Monitor
11/1/2026	GT-39	FLIR0039	GSU Transformer #1	GSU	Bus Conductor Insulator Clamp	A		83.5	83.5	0	0	Phase-to-phase	Baseline
11/1/2026	GT-40	FLIR0040	GSU Transformer #1	GSU	Bus Conductor Insulator Stack 1 Top	A		78.1	77.3	0.8	0.4444444	Phase-to-phase	Baseline
11/1/2026	GT-41	FLIR0041	GSU Transformer #1	GSU	Bus Conductor Insulator Stack 1 Middle	A		78.8	77.3	1.5	0.8333333	Phase-to-phase	Baseline
11/1/2026	GT-42	FLIR0042	GSU Transformer #1	GSU	Bus Conductor Insulator Stack 1 Bottom	A		79.3	77.3	2	1.1111111	Phase-to-phase	Monitor
11/1/2026	GT-43	FLIR0043	GSU Transformer #1	GSU	Bus Conductor Insulator Clamp	A		95.5	95.1	0.4	0.2222222	Phase-to-phase	Baseline
11/1/2026	GT-44	FLIR0044	GSU Transformer #1	GSU	Bus Conductor Insulator Stack 2 Top	A		79.1	79.1	0	0	Phase-to-phase	Baseline
11/1/2026	GT-45	FLIR0045	GSU Transformer #1	GSU	Bus Conductor Insulator Stack 2 Middle	A		79.3	79.1	0.2	0.1111111	Phase-to-phase	Baseline
11/1/2026	GT-46	FLIR0046	GSU Transformer #1	GSU	Bus Conductor Insulator Stack 2 Bottom	A		80.1	79.1	1	0.5555556	Phase-to-phase	Baseline
11/1/2026	GT-47	FLIR0047	GSU Transformer #1	GSU	Bus Conductor Bolted Connection	A		86	85.1	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	GT-48	FLIR0048	GSU Transformer #1	GSU	Flexible Conductor Bolted Connection North	A		84.9	84.9	0	0	Phase-to-phase	Baseline
11/1/2026	GT-49	FLIR0049	GSU Transformer #1	GSU	Flexible Conductor Bolted Connection South	A		85.3	84.9	0.4	0.2222222	Phase-to-phase	Baseline
11/1/2026	GT-50	FLIR0050	GSU Transformer #1	GSU	Flexible Conductor Crimped Connection North	A		85.5	85.5	0	0	Phase-to-phase	Baseline
11/1/2026	GT-51	FLIR0051	GSU Transformer #1	GSU	Flexible Conductor Crimped Connection South	A		86.9	85.5	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	GT-52	FLIR0052	GSU Transformer #1	GSU	Flexible Conductor North	A		83.9	82.9	1	0.5555556	Phase-to-phase	Baseline
11/1/2026	GT-53	FLIR0053	GSU Transformer #1	GSU	Flexible Conductor South	A		84.5	82.9	1.6	0.8888889	Phase-to-phase	Baseline
11/1/2026	GT-54	FLIR0054	GSU Transformer #1	GSU	Flexible Conductor Bolted Connection North	A		86	83.4	2.6	1.4444444	Phase-to-phase	Monitor
11/1/2026	GT-55	FLIR0055	GSU Transformer #1	GSU	Flexible Conductor Bolted Connection South	A		83.4	83.4	0	0	Phase-to-phase	Baseline
11/1/2026	GT-56	FLIR0056	GSU Transformer #1	GSU	Flexible Conductor Crimped Connection North	A		86.4	86.4	0	0	Phase-to-phase	Baseline
11/1/2026	GT-57	FLIR0057	GSU Transformer #1	GSU	Flexible Conductor Crimped Connection South	A		86.7	86.4	0.3	0.1666667	Phase-to-phase	Baseline
11/1/2026	GT-58	FLIR0058	GSU Transformer #1	GSU	Current Transformer Bolted Connection	A	Incoming	85.9	84.7	1.2	0.6666667	Phase-to-phase	Baseline

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11/1/2026	GT-59	FLIR0059	CT Unit 1	CVT / PT	Current Transformer	A		91.8	91.8	0	0	Phase-to-phase	Baseline
11/1/2026	GT-60	FLIR0060	CT Unit 1	CVT / PT	Current Transformer Bushing	A		82.7	82.7	0	0	Phase-to-phase	Baseline
11/1/2026	GT-61	FLIR0061	GSU Transformer #1	GSU	High Side Bushing Housing	B		90.8	89.4	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	GT-62	FLIR0062	GSU Transformer #1	GSU	High Side Bushing	B		83.8	82.9	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	GT-63	FLIR0063	GSU Transformer #1	GSU	High Side Bushing Connection Upper	B		83.9	83.9	0	0	Phase-to-phase	Baseline
11/1/2026	GT-64	FLIR0064	GSU Transformer #1	GSU	High Side Bushing Connection Lower	B		81.1	81.1	0	0	Phase-to-phase	Baseline
11/1/2026	GT-65	FLIR0065	GSU Transformer #1	GSU	Bushing Cable Bolted Connection North	B		84.3	83.5	0.8	0.4444444	Phase-to-phase	Baseline
11/1/2026	GT-66	FLIR0066	GSU Transformer #1	GSU	Bushing Cable Bolted Connection South	B		84.7	83.5	1.2	0.6666667	Phase-to-phase	Baseline
11/1/2026	GT-67	FLIR0067	GSU Transformer #1	GSU	Bushing Cable Crimped Connection North	B		67.6	66.3	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	GT-68	FLIR0068	GSU Transformer #1	GSU	Bushing Cable Crimped Connection South	B		68.5	66.3	2.2	1.2222222	Phase-to-phase	Monitor
11/1/2026	GT-69	FLIR0069	GSU Transformer #1	GSU	Surge Arrester Connection Upper	B		79.1	79.1	0	0	Phase-to-phase	Baseline
11/1/2026	GT-70	FLIR0070	GSU Transformer #1	GSU	Surge Arrester Connection Lower	B		79.2	78.3	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	GT-71	FLIR0071	GSU Transformer #1	GSU	Surge Arrester Cable Connection North	B		80.9	80.3	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	GT-72	FLIR0072	GSU Transformer #1	GSU	Surge Arrester Cable Connection South	B		80.3	80.3	0	0	Phase-to-phase	Baseline
11/1/2026	GT-73	FLIR0073	GSU Transformer #1	GSU	Surge Arrester Insulator Upper	B		80.7	80.7	0	0	Phase-to-phase	Baseline
11/1/2026	GT-74	FLIR0074	GSU Transformer #1	GSU	Surge Arrester Insulator 2	B		80.8	80.7	0.1	0.0555556	Phase-to-phase	Baseline
11/1/2026	GT-75	FLIR0075	GSU Transformer #1	GSU	Surge Arrester Insulator 3	B		81.1	80.7	0.4	0.2222222	Phase-to-phase	Baseline
11/1/2026	GT-76	FLIR0076	GSU Transformer #1	GSU	Surge Arrester Insulator Lower	B		81.2	80.7	0.5	0.2777778	Phase-to-phase	Baseline
11/1/2026	GT-77	FLIR0077	GSU Transformer #1	GSU	Flexible Conductor North	B		76.1	76.1	0	0	Phase-to-phase	Baseline
11/1/2026	GT-78	FLIR0078	GSU Transformer #1	GSU	Flexible Conductor South	B		77.3	76.1	1.2	0.6666667	Phase-to-phase	Baseline
11/1/2026	GT-79	FLIR0079	GSU Transformer #1	GSU	Bus Conductor Bolted Connection	B		84.2	84.2	0	0	Phase-to-phase	Baseline
11/1/2026	GT-80	FLIR0080	GSU Transformer #1	GSU	Flexible Conductor Bolted Connection North	B		85.2	83.9	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	GT-81	FLIR0081	GSU Transformer #1	GSU	Flexible Conductor Bolted Connection South	B		84	83.9	0.1	0.0555556	Phase-to-phase	Baseline
11/1/2026	GT-82	FLIR0082	GSU Transformer #1	GSU	Flexible Conductor Crimped Connection North	B		83.2	82.7	0.5	0.2777778	Phase-to-phase	Baseline
11/1/2026	GT-83	FLIR0083	GSU Transformer #1	GSU	Flexible Conductor Crimped Connection South	B		82.7	82.7	0	0	Phase-to-phase	Baseline
11/1/2026	GT-84	FLIR0084	GSU Transformer #1	GSU	Bus Conductor Insulator Clamp	B		84.1	83.5	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	GT-85	FLIR0085	GSU Transformer #1	GSU	Bus Conductor Insulator Stack 1 Top	B		77.3	77.3	0	0	Phase-to-phase	Baseline
11/1/2026	GT-86	FLIR0086	GSU Transformer #1	GSU	Bus Conductor Insulator Stack 1 Middle	B		78.9	77.3	1.6	0.8888889	Phase-to-phase	Baseline
11/1/2026	GT-87	FLIR0087	GSU Transformer #1	GSU	Bus Conductor Insulator Stack 1 Bottom	B		78.4	77.3	1.1	0.6111111	Phase-to-phase	Baseline
11/1/2026	GT-88	FLIR0088	GSU Transformer #1	GSU	Bus Conductor Insulator Clamp	B		95.1	95.1	0	0	Phase-to-phase	Baseline
11/1/2026	GT-89	FLIR0089	GSU Transformer #1	GSU	Bus Conductor Insulator Stack 2 Top	B		80	79.1	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	GT-90	FLIR0090	GSU Transformer #1	GSU	Bus Conductor Insulator Stack 2 Middle	B		80.8	79.1	1.7	0.9444444	Phase-to-phase	Baseline
11/1/2026	GT-91	FLIR0091	GSU Transformer #1	GSU	Bus Conductor Insulator Stack 2 Bottom	B		80.6	79.1	1.5	0.8333333	Phase-to-phase	Baseline
11/1/2026	GT-92	FLIR0092	GSU Transformer #1	GSU	Bus Conductor Bolted Connection	B		85.1	85.1	0	0	Phase-to-phase	Baseline
11/1/2026	GT-93	FLIR0093	GSU Transformer #1	GSU	Flexible Conductor Bolted Connection North	B		85.2	84.9	0.3	0.1666667	Phase-to-phase	Baseline
11/1/2026	GT-94	FLIR0094	GSU Transformer #1	GSU	Flexible Conductor Bolted Connection South	B		85.8	84.9	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	GT-95	FLIR0095	GSU Transformer #1	GSU	Flexible Conductor Crimped Connection North	B		88.8	85.5	3.3	1.8333333	Phase-to-phase	Monitor
11/1/2026	GT-96	FLIR0096	GSU Transformer #1	GSU	Flexible Conductor Crimped Connection South	B		88.7	85.5	3.2	1.7777778	Phase-to-phase	Monitor
11/1/2026	GT-97	FLIR0097	GSU Transformer #1	GSU	Flexible Conductor North	B		82.9	82.9	0	0	Phase-to-phase	Baseline
11/1/2026	GT-98	FLIR0098	GSU Transformer #1	GSU	Flexible Conductor South	B		83.9	82.9	1	0.5555556	Phase-to-phase	Baseline
11/1/2026	GT-99	FLIR0099	GSU Transformer #1	GSU	Flexible Conductor Bolted Connection North	B		84.5	83.4	1.1	0.6111111	Phase-to-phase	Baseline
11/1/2026	GT-100	FLIR0100	GSU Transformer #1	GSU	Flexible Conductor Bolted Connection South	B		84.4	83.4	1	0.5555556	Phase-to-phase	Baseline
11/1/2026	GT-101	FLIR0101	GSU Transformer #1	GSU	Flexible Conductor Crimped Connection North	B		89.2	86.4	2.8	1.5555556	Phase-to-phase	Monitor
11/1/2026	GT-102	FLIR0102	GSU Transformer #1	GSU	Flexible Conductor Crimped Connection South	B		89.8	86.4	3.4	1.8888889	Phase-to-phase	Monitor
11/1/2026	GT-103	FLIR0103	GSU Transformer #1	GSU	Current Transformer Bolted Connection	B	Incoming	84.7	84.7	0	0	Phase-to-phase	Baseline
11/1/2026	GT-104	FLIR0104	CT Unit 1	CVT / PT	Current Transformer	B		91.9	91.8	0.1	0.0555556	Phase-to-phase	Baseline
11/1/2026	GT-105	FLIR0105	CT Unit 1	CVT / PT	Current Transformer Bushing	B		83.2	82.7	0.5	0.2777778	Phase-to-phase	Baseline
11/1/2026	GT-106	FLIR0106	GSU Transformer #1	GSU	High Side Bushing Housing	C		90.5	89.4	1.1	0.6111111	Phase-to-phase	Baseline
11/1/2026	GT-107	FLIR0107	GSU Transformer #1	GSU	High Side Bushing	C		83	82.9	0.1	0.0555556	Phase-to-phase	Baseline
11/1/2026	GT-108	FLIR0108	GSU Transformer #1	GSU	High Side Bushing Connection Upper	C		84.8	83.9	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	GT-109	FLIR0109	GSU Transformer #1	GSU	High Side Bushing Connection Lower	C		86.2	81.1	5.1	2.8333333	Phase-to-phase	Monitor
11/1/2026	GT-110	FLIR0110	GSU Transformer #1	GSU	Bushing Cable Bolted Connection North	C		86.9	83.5	3.4	1.8888889	Phase-to-phase	Monitor
11/1/2026	GT-111	FLIR0111	GSU Transformer #1	GSU	Bushing Cable Bolted Connection South	C		85.2	83.5	1.7	0.9444444	Phase-to-phase	Baseline
11/1/2026	GT-112	FLIR0112	GSU Transformer #1	GSU	Bushing Cable Crimped Connection North	C		72.8	66.3	6.5	3.6111111	Phase-to-phase	Monitor
11/1/2026	GT-113	FLIR0113	GSU Transformer #1	GSU	Bushing Cable Crimped Connection South	C		72.6	66.3	6.3	3.5	Phase-to-phase	Monitor
11/1/2026	GT-114	FLIR0114	GSU Transformer #1	GSU	Surge Arrester Connection Upper	C		81.4	79.1	2.3	1.2777778	Phase-to-phase	Monitor
11/1/2026	GT-115	FLIR0115	GSU Transformer #1	GSU	Surge Arrester Connection Lower	C		78.9	78.3	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	GT-116	FLIR0116	GSU Transformer #1	GSU	Surge Arrester Cable Connection North	C		82	80.3	1.7	0.9444444	Phase-to-phase	Baseline
11/1/2026	GT-117	FLIR0117	GSU Transformer #1	GSU	Surge Arrester Cable Connection South	C		81.2	80.3	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	GT-118	FLIR0118	GSU Transformer #1	GSU	Surge Arrester Insulator Upper	C		82.6	80.7	1.9	1.0555556	Phase-to-phase	Baseline
11/1/2026	GT-119	FLIR0119	GSU Transformer #1	GSU	Surge Arrester Insulator 2	C		81.5	80.7	0.8	0.4444444	Phase-to-phase	Baseline
11/1/2026	GT-120	FLIR0120	GSU Transformer #1	GSU	Surge Arrester Insulator 3	C		82.5	80.7	1.8	1	Phase-to-phase	Baseline
11/1/2026	GT-121	FLIR0121	GSU Transformer #1	GSU	Surge Arrester Insulator Lower	C		82.4	80.7	1.7	0.9444444	Phase-to-phase	Baseline
11/1/2026	GT-122	FLIR0122	GSU Transformer #1	GSU	Flexible Conductor North	C		79.9	76.1	3.8	2.1111111	Phase-to-phase	Monitor
11/1/2026	GT-123	FLIR0123	GSU Transformer #1	GSU	Flexible Conductor South	C		79.6	76.1	3.5	1.9444444	Phase-to-phase	Monitor
11/1/2026	GT-124	FLIR0124	GSU Transformer #1	GSU	Bus Conductor Bolted Connection	C		86.9	84.2	2.7	1.5	Phase-to-phase	Monitor

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11/1/2026	GT-125	FLIR0125	GSU Transformer #1	GSU	Flexible Conductor Bolted Connection North	C		87.4	83.9	3.5	1.9444444	Phase-to-phase	Monitor
11/1/2026	GT-126	FLIR0126	GSU Transformer #1	GSU	Flexible Conductor Bolted Connection South	C		87.2	83.9	3.3	1.8333333	Phase-to-phase	Monitor
11/1/2026	GT-127	FLIR0127	GSU Transformer #1	GSU	Flexible Conductor Crimped Connection North	C		87.1	82.7	4.4	2.4444444	Phase-to-phase	Monitor
11/1/2026	GT-128	FLIR0128	GSU Transformer #1	GSU	Flexible Conductor Crimped Connection South	C		87.6	82.7	4.9	2.7222222	Phase-to-phase	Monitor
11/1/2026	GT-129	FLIR0129	GSU Transformer #1	GSU	Bus Conductor Insulator Clamp	C		84.6	83.5	1.1	0.6111111	Phase-to-phase	Baseline
11/1/2026	GT-130	FLIR0130	GSU Transformer #1	GSU	Bus Conductor Insulator Stack 1 Top	C		79	77.3	1.7	0.9444444	Phase-to-phase	Baseline
11/1/2026	GT-131	FLIR0131	GSU Transformer #1	GSU	Bus Conductor Insulator Stack 1 Middle	C		79.7	77.3	2.4	1.3333333	Phase-to-phase	Monitor
11/1/2026	GT-132	FLIR0132	GSU Transformer #1	GSU	Bus Conductor Insulator Stack 1 Bottom	C		79.9	77.3	2.6	1.4444444	Phase-to-phase	Monitor
11/1/2026	GT-133	FLIR0133	GSU Transformer #1	GSU	Bus Conductor Insulator Clamp	C		97.4	95.1	2.3	1.2777778	Phase-to-phase	Monitor
11/1/2026	GT-134	FLIR0134	GSU Transformer #1	GSU	Bus Conductor Insulator Stack 2 Top	C		80.1	79.1	1	0.5555556	Phase-to-phase	Baseline
11/1/2026	GT-135	FLIR0135	GSU Transformer #1	GSU	Bus Conductor Insulator Stack 2 Middle	C		80.8	79.1	1.7	0.9444444	Phase-to-phase	Baseline
11/1/2026	GT-136	FLIR0136	GSU Transformer #1	GSU	Bus Conductor Insulator Stack 2 Bottom	C		81.6	79.1	2.5	1.3888889	Phase-to-phase	Monitor
11/1/2026	GT-137	FLIR0137	GSU Transformer #1	GSU	Bus Conductor Bolted Connection	C		90	85.1	4.9	2.7222222	Phase-to-phase	Monitor
11/1/2026	GT-138	FLIR0138	GSU Transformer #1	GSU	Flexible Conductor Bolted Connection North	C		89.8	84.9	4.9	2.7222222	Phase-to-phase	Monitor
11/1/2026	GT-139	FLIR0139	GSU Transformer #1	GSU	Flexible Conductor Bolted Connection South	C		89.5	84.9	4.6	2.5555556	Phase-to-phase	Monitor
11/1/2026	GT-140	FLIR0140	GSU Transformer #1	GSU	Flexible Conductor Crimped Connection North	C		88.5	85.5	3	1.6666667	Phase-to-phase	Monitor
11/1/2026	GT-141	FLIR0141	GSU Transformer #1	GSU	Flexible Conductor Crimped Connection South	C		88.8	85.5	3.3	1.8333333	Phase-to-phase	Monitor
11/1/2026	GT-142	FLIR0142	GSU Transformer #1	GSU	Flexible Conductor North	C		87.6	82.9	4.7	2.6111111	Phase-to-phase	Monitor
11/1/2026	GT-143	FLIR0143	GSU Transformer #1	GSU	Flexible Conductor South	C		84	82.9	1.1	0.6111111	Phase-to-phase	Baseline
11/1/2026	GT-144	FLIR0144	GSU Transformer #1	GSU	Flexible Conductor Bolted Connection North	C		86.9	83.4	3.5	1.9444444	Phase-to-phase	Monitor
11/1/2026	GT-145	FLIR0145	GSU Transformer #1	GSU	Flexible Conductor Bolted Connection South	C		86.3	83.4	2.9	1.6111111	Phase-to-phase	Monitor
11/1/2026	GT-146	FLIR0146	GSU Transformer #1	GSU	Flexible Conductor Crimped Connection North	C		91.2	86.4	4.8	2.6666667	Phase-to-phase	Monitor
11/1/2026	GT-147	FLIR0147	GSU Transformer #1	GSU	Flexible Conductor Crimped Connection South	C		92.7	86.4	6.3	3.5	Phase-to-phase	Monitor
11/1/2026	GT-148	FLIR0148	GSU Transformer #1	GSU	Current Transformer Bolted Connection	C	Incoming	87.1	84.7	2.4	1.3333333	Phase-to-phase	Monitor
11/1/2026	GT-149	FLIR0149	CT Unit 1	CVT / PT	Current Transformer	C		96.7	91.8	4.9	2.7222222	Phase-to-phase	Monitor
11/1/2026	GT-150	FLIR0150	CT Unit 1	CVT / PT	Current Transformer Bushing	C		84.4	82.7	1.7	0.9444444	Phase-to-phase	Baseline
11/1/2026	GT-151	FLIR0151	CT Unit 1	CVT / PT	Current Transformer Bolted Connection	A	Outgoing	84.2	83.8	0.4	0.2222222	Phase-to-phase	Baseline
11/1/2026	GT-152	FLIR0152	CT Unit 1	CVT / PT	Flexible Conductor Bolted Connection North	A	Outgoing	84.7	83.5	1.2	0.6666667	Phase-to-phase	Baseline
11/1/2026	GT-153	FLIR0153	CT Unit 1	CVT / PT	Flexible Conductor Bolted Connection South	A	Outgoing	84.3	83.5	0.8	0.4444444	Phase-to-phase	Baseline
11/1/2026	GT-154	FLIR0154	CT Unit 1	CVT / PT	Flexible Conductor Crimped Connection North	A	Outgoing	85	84.7	0.3	0.1666667	Phase-to-phase	Baseline
11/1/2026	GT-155	FLIR0155	CT Unit 1	CVT / PT	Flexible Conductor Crimped Connection South	A	Outgoing	85.4	84.7	0.7	0.3888889	Phase-to-phase	Baseline
11/1/2026	GT-156	FLIR0156	CT Unit 1	CVT / PT	Flexible Conductor North	A	Outgoing	76.5	76.5	0	0	Phase-to-phase	Baseline
11/1/2026	GT-157	FLIR0157	CT Unit 1	CVT / PT	Flexible Conductor South	A	Outgoing	77.7	76.5	1.2	0.6666667	Phase-to-phase	Baseline
11/1/2026	GT-158	FLIR0158	GT 52-1	Breaker	Breaker Bolted Connection	A	Incoming	84	84	0	0	Phase-to-phase	Baseline
11/1/2026	GT-159	FLIR0159	GT 52-1	Breaker	Flexible Conductor Bolted Connection North	A	Incoming	87.1	85.5	1.6	0.8888889	Phase-to-phase	Baseline
11/1/2026	GT-160	FLIR0160	GT 52-1	Breaker	Flexible Conductor Bolted Connection South	A	Incoming	87.1	85.5	1.6	0.8888889	Phase-to-phase	Baseline
11/1/2026	GT-161	FLIR0161	GT 52-1	Breaker	Flexible Conductor Crimped Connection North	A	Incoming	88.6	86.6	2	1.1111111	Phase-to-phase	Monitor
11/1/2026	GT-162	FLIR0162	GT 52-1	Breaker	Flexible Conductor Crimped Connection South	A	Incoming	89.2	86.6	2.6	1.4444444	Phase-to-phase	Monitor
11/1/2026	GT-163	FLIR0163	GT 52-1	Breaker	Breaker Bushing Top	A	Incoming	80.7	80.2	0.5	0.2777778	Phase-to-phase	Baseline
11/1/2026	GT-164	FLIR0164	GT 52-1	Breaker	Breaker Bushing Middle	A	Incoming	82.9	82.4	0.5	0.2777778	Phase-to-phase	Baseline
11/1/2026	GT-165	FLIR0165	GT 52-1	Breaker	Breaker Bushing Bottom	A	Incoming	83	83	0	0	Phase-to-phase	Baseline
11/1/2026	GT-166	FLIR0166	GT 52-1	Breaker	Breaker Bushing Top	A	Outgoing	80.8	80.2	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	GT-167	FLIR0167	GT 52-1	Breaker	Breaker Bushing Middle	A	Outgoing	83.1	82.9	0.2	0.1111111	Phase-to-phase	Baseline
11/1/2026	GT-168	FLIR0168	GT 52-1	Breaker	Breaker Bushing Bottom	A	Outgoing	84.2	83.7	0.5	0.2777778	Phase-to-phase	Baseline
11/1/2026	GT-169	FLIR0169	GT 52-1	Breaker	Support Insulator Top	A		82.3	82.2	0.1	0.0555556	Phase-to-phase	Baseline
11/1/2026	GT-170	FLIR0170	GT 52-1	Breaker	Support Insulator Bottom	A		83.9	82.2	1.7	0.9444444	Phase-to-phase	Baseline
11/1/2026	GT-171	FLIR0171	GT 52-1	Breaker	Breaker Bolted Connection	A	Outgoing	83.2	82.2	1	0.5555556	Phase-to-phase	Baseline
11/1/2026	GT-172	FLIR0172	GT 52-1	Breaker	Flexible Conductor Bolted Connection North	A	Outgoing	84.7	82.6	2.1	1.1666667	Phase-to-phase	Monitor
11/1/2026	GT-173	FLIR0173	GT 52-1	Breaker	Flexible Conductor Bolted Connection South	A	Outgoing	85.5	82.6	2.9	1.6111111	Phase-to-phase	Monitor
11/1/2026	GT-174	FLIR0174	GT 52-1	Breaker	Flexible Conductor Crimped Connection North	A	Outgoing	87.1	83.3	3.8	2.1111111	Phase-to-phase	Monitor
11/1/2026	GT-175	FLIR0175	GT 52-1	Breaker	Flexible Conductor Crimped Connection South	A	Outgoing	86.2	83.3	2.9	1.6111111	Phase-to-phase	Monitor
11/1/2026	GT-176	FLIR0176	GT 52-1	Breaker	Flexible Conductor North	A	Outgoing	87.7	81.6	6.1	3.3888889	Phase-to-phase	Monitor
11/1/2026	GT-177	FLIR0177	GT 52-1	Breaker	Flexible Conductor South	A	Outgoing	88.5	81.6	6.9	3.8333333	Phase-to-phase	Monitor
11/1/2026	GT-178	FLIR0178	CT Unit 1	CVT / PT	Current Transformer Bolted Connection	B	Outgoing	84	83.8	0.2	0.1111111	Phase-to-phase	Baseline
11/1/2026	GT-179	FLIR0179	CT Unit 1	CVT / PT	Flexible Conductor Bolted Connection North	B	Outgoing	84.4	83.5	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	GT-180	FLIR0180	CT Unit 1	CVT / PT	Flexible Conductor Bolted Connection South	B	Outgoing	83.5	83.5	0	0	Phase-to-phase	Baseline
11/1/2026	GT-181	FLIR0181	CT Unit 1	CVT / PT	Flexible Conductor Crimped Connection North	B	Outgoing	84.7	84.7	0	0	Phase-to-phase	Baseline
11/1/2026	GT-182	FLIR0182	CT Unit 1	CVT / PT	Flexible Conductor Crimped Connection South	B	Outgoing	85.8	84.7	1.1	0.6111111	Phase-to-phase	Baseline
11/1/2026	GT-183	FLIR0183	CT Unit 1	CVT / PT	Flexible Conductor North	B	Outgoing	77.1	76.5	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	GT-184	FLIR0184	CT Unit 1	CVT / PT	Flexible Conductor South	B	Outgoing	77.8	76.5	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	GT-185	FLIR0185	GT 52-1	Breaker	Breaker Bolted Connection	B	Incoming	120	84	36	20	Phase-to-phase	**Critical**
11/1/2026	GT-186	FLIR0186	GT 52-1	Breaker	Flexible Conductor Bolted Connection North	B	Incoming	85.9	85.5	0.4	0.2222222	Phase-to-phase	Baseline
11/1/2026	GT-187	FLIR0187	GT 52-1	Breaker	Flexible Conductor Bolted Connection South	B	Incoming	85.5	85.5	0	0	Phase-to-phase	Baseline
11/1/2026	GT-188	FLIR0188	GT 52-1	Breaker	Flexible Conductor Crimped Connection North	B	Incoming	88.4	86.6	1.8	1	Phase-to-phase	Baseline
11/1/2026	GT-189	FLIR0189	GT 52-1	Breaker	Flexible Conductor Crimped Connection South	B	Incoming	86.6	86.6	0	0	Phase-to-phase	Baseline
11/1/2026	GT-190	FLIR0190	GT 52-1	Breaker	Breaker Bushing Top	B	Incoming	80.2	80.2	0	0	Phase-to-phase	Baseline

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11/1/2026	GT-191	FLIR0191	GT 52-1	Breaker	Breaker Bushing Middle	B	Incoming	82.4	82.4	0	0	Phase-to-phase	Baseline
11/1/2026	GT-192	FLIR0192	GT 52-1	Breaker	Breaker Bushing Bottom	B	Incoming	83	83	0	0	Phase-to-phase	Baseline
11/1/2026	GT-193	FLIR0193	GT 52-1	Breaker	Breaker Bushing Top	B	Outgoing	80.2	80.2	0	0	Phase-to-phase	Baseline
11/1/2026	GT-194	FLIR0194	GT 52-1	Breaker	Breaker Bushing Middle	B	Outgoing	82.9	82.9	0	0	Phase-to-phase	Baseline
11/1/2026	GT-195	FLIR0195	GT 52-1	Breaker	Breaker Bushing Bottom	B	Outgoing	83.7	83.7	0	0	Phase-to-phase	Baseline
11/1/2026	GT-196	FLIR0196	GT 52-1	Breaker	Support Insulator Top	B		82.2	82.2	0	0	Phase-to-phase	Baseline
11/1/2026	GT-197	FLIR0197	GT 52-1	Breaker	Support Insulator Bottom	B		83	82.2	0.8	0.4444444	Phase-to-phase	Baseline
11/1/2026	GT-198	FLIR0198	GT 52-1	Breaker	Breaker Bolted Connection	B	Outgoing	83.6	82.2	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	GT-199	FLIR0199	GT 52-1	Breaker	Flexible Conductor Bolted Connection North	B	Outgoing	85.9	82.6	3.3	1.8333333	Phase-to-phase	Monitor
11/1/2026	GT-200	FLIR0200	GT 52-1	Breaker	Flexible Conductor Bolted Connection South	B	Outgoing	87.6	82.6	5	2.7777778	Phase-to-phase	Monitor
11/1/2026	GT-201	FLIR0201	GT 52-1	Breaker	Flexible Conductor Crimped Connection North	B	Outgoing	88	83.3	4.7	2.6111111	Phase-to-phase	Monitor
11/1/2026	GT-202	FLIR0202	GT 52-1	Breaker	Flexible Conductor Crimped Connection South	B	Outgoing	90.1	83.3	6.8	3.7777778	Phase-to-phase	Monitor
11/1/2026	GT-203	FLIR0203	GT 52-1	Breaker	Flexible Conductor North	B	Outgoing	85.8	81.6	4.2	2.3333333	Phase-to-phase	Monitor
11/1/2026	GT-204	FLIR0204	GT 52-1	Breaker	Flexible Conductor South	B	Outgoing	86	81.6	4.4	2.4444444	Phase-to-phase	Monitor
11/1/2026	GT-205	FLIR0205	CT Unit 1	CVT / PT	Current Transformer Bolted Connection	C	Outgoing	83.8	83.8	0	0	Phase-to-phase	Baseline
11/1/2026	GT-206	FLIR0206	CT Unit 1	CVT / PT	Flexible Conductor Bolted Connection North	C	Outgoing	84.2	83.5	0.7	0.3888889	Phase-to-phase	Baseline
11/1/2026	GT-207	FLIR0207	CT Unit 1	CVT / PT	Flexible Conductor Bolted Connection South	C	Outgoing	83.5	83.5	0	0	Phase-to-phase	Baseline
11/1/2026	GT-208	FLIR0208	CT Unit 1	CVT / PT	Flexible Conductor Crimped Connection North	C	Outgoing	85.2	84.7	0.5	0.2777778	Phase-to-phase	Baseline
11/1/2026	GT-209	FLIR0209	CT Unit 1	CVT / PT	Flexible Conductor Crimped Connection South	C	Outgoing	85.9	84.7	1.2	0.6666667	Phase-to-phase	Baseline
11/1/2026	GT-210	FLIR0210	CT Unit 1	CVT / PT	Flexible Conductor North	C	Outgoing	78.3	76.5	1.8	1	Phase-to-phase	Baseline
11/1/2026	GT-211	FLIR0211	CT Unit 1	CVT / PT	Flexible Conductor South	C	Outgoing	78.6	76.5	2.1	1.1666667	Phase-to-phase	Monitor
11/1/2026	GT-212	FLIR0212	GT 52-1	Breaker	Breaker Bolted Connection	C	Incoming	84.1	84	0.1	0.0555556	Phase-to-phase	Baseline
11/1/2026	GT-213	FLIR0213	GT 52-1	Breaker	Flexible Conductor Bolted Connection North	C	Incoming	86.2	85.5	0.7	0.3888889	Phase-to-phase	Baseline
11/1/2026	GT-214	FLIR0214	GT 52-1	Breaker	Flexible Conductor Bolted Connection South	C	Incoming	86.8	85.5	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	GT-215	FLIR0215	GT 52-1	Breaker	Flexible Conductor Crimped Connection North	C	Incoming	88.1	86.6	1.5	0.8333333	Phase-to-phase	Baseline
11/1/2026	GT-216	FLIR0216	GT 52-1	Breaker	Flexible Conductor Crimped Connection South	C	Incoming	87.8	86.6	1.2	0.6666667	Phase-to-phase	Baseline
11/1/2026	GT-217	FLIR0217	GT 52-1	Breaker	Breaker Bushing Top	C	Incoming	81.4	80.2	1.2	0.6666667	Phase-to-phase	Baseline
11/1/2026	GT-218	FLIR0218	GT 52-1	Breaker	Breaker Bushing Middle	C	Incoming	83.2	82.4	0.8	0.4444444	Phase-to-phase	Baseline
11/1/2026	GT-219	FLIR0219	GT 52-1	Breaker	Breaker Bushing Bottom	C	Incoming	84	83	1	0.5555556	Phase-to-phase	Baseline
11/1/2026	GT-220	FLIR0220	GT 52-1	Breaker	Breaker Bushing Top	C	Outgoing	81.3	80.2	1.1	0.6111111	Phase-to-phase	Baseline
11/1/2026	GT-221	FLIR0221	GT 52-1	Breaker	Breaker Bushing Middle	C	Outgoing	84	82.9	1.1	0.6111111	Phase-to-phase	Baseline
11/1/2026	GT-222	FLIR0222	GT 52-1	Breaker	Breaker Bushing Bottom	C	Outgoing	84.2	83.7	0.5	0.2777778	Phase-to-phase	Baseline
11/1/2026	GT-223	FLIR0223	GT 52-1	Breaker	Support Insulator Top	C		82.8	82.2	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	GT-224	FLIR0224	GT 52-1	Breaker	Support Insulator Bottom	C		83.5	82.2	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	GT-225	FLIR0225	GT 52-1	Breaker	Breaker Bolted Connection	C	Outgoing	82.2	82.2	0	0	Phase-to-phase	Baseline
11/1/2026	GT-226	FLIR0226	GT 52-1	Breaker	Flexible Conductor Bolted Connection North	C	Outgoing	82.6	82.6	0	0	Phase-to-phase	Baseline
11/1/2026	GT-227	FLIR0227	GT 52-1	Breaker	Flexible Conductor Bolted Connection South	C	Outgoing	83.2	82.6	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	GT-228	FLIR0228	GT 52-1	Breaker	Flexible Conductor Crimped Connection North	C	Outgoing	83.3	83.3	0	0	Phase-to-phase	Baseline
11/1/2026	GT-229	FLIR0229	GT 52-1	Breaker	Flexible Conductor Crimped Connection South	C	Outgoing	84.9	83.3	1.6	0.8888889	Phase-to-phase	Baseline
11/1/2026	GT-230	FLIR0230	GT 52-1	Breaker	Flexible Conductor North	C	Outgoing	81.6	81.6	0	0	Phase-to-phase	Baseline
11/1/2026	GT-231	FLIR0231	GT 52-1	Breaker	Flexible Conductor South	C	Outgoing	82.2	81.6	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	GT-232	FLIR0232	GT D-10	Disconnect	Disconnect Bolted Connection	A	Incoming	82.3	81.7	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	GT-233	FLIR0233	GT D-10	Disconnect	Flexible Conductor Bolted Connection North	A	Incoming	86.3	83.8	2.5	1.3888889	Phase-to-phase	Monitor
11/1/2026	GT-234	FLIR0234	GT D-10	Disconnect	Flexible Conductor Bolted Connection South	A	Incoming	86.2	83.8	2.4	1.3333333	Phase-to-phase	Monitor
11/1/2026	GT-235	FLIR0235	GT D-10	Disconnect	Flexible Conductor Crimped Connection North	A	Incoming	87.9	86.9	1	0.5555556	Phase-to-phase	Baseline
11/1/2026	GT-236	FLIR0236	GT D-10	Disconnect	Flexible Conductor Crimped Connection South	A	Incoming	88.9	86.9	2	1.1111111	Phase-to-phase	Monitor
11/1/2026	GT-237	FLIR0237	GT D-10	Disconnect	Disconnect Blade Connection	A	Incoming	91.5	86	5.5	3.0555556	Phase-to-phase	Monitor
11/1/2026	GT-238	FLIR0238	GT D-10	Disconnect	Support Insulator Top	A	Incoming	79.4	77.8	1.6	0.8888889	Phase-to-phase	Baseline
11/1/2026	GT-239	FLIR0239	GT D-10	Disconnect	Support Insulator Middle	A	Incoming	80.8	77.8	3	1.6666667	Phase-to-phase	Monitor
11/1/2026	GT-240	FLIR0240	GT D-10	Disconnect	Support Insulator Bottom	A	Incoming	80.4	77.8	2.6	1.4444444	Phase-to-phase	Monitor
11/1/2026	GT-241	FLIR0241	GT D-10	Disconnect	Disconnect Pivot	A		90.1	87.9	2.2	1.2222222	Phase-to-phase	Monitor
11/1/2026	GT-242	FLIR0242	GT D-10	Disconnect	Support Insulator Top	A		79.7	78	1.7	0.9444444	Phase-to-phase	Baseline
11/1/2026	GT-243	FLIR0243	GT D-10	Disconnect	Support Insulator Middle	A		80.6	78	2.6	1.4444444	Phase-to-phase	Monitor
11/1/2026	GT-244	FLIR0244	GT D-10	Disconnect	Support Insulator Bottom	A		81.4	78	3.4	1.8888889	Phase-to-phase	Monitor
11/1/2026	GT-245	FLIR0245	GT D-10	Disconnect	Disconnect Blade Connection	A	Outgoing	94.7	91.2	3.5	1.9444444	Phase-to-phase	Monitor
11/1/2026	GT-246	FLIR0246	GT D-10	Disconnect	Support Insulator Top	A	Outgoing	79.9	78.8	1.1	0.6111111	Phase-to-phase	Baseline
11/1/2026	GT-247	FLIR0247	GT D-10	Disconnect	Support Insulator Middle	A	Outgoing	80.8	78.8	2	1.1111111	Phase-to-phase	Monitor
11/1/2026	GT-248	FLIR0248	GT D-10	Disconnect	Support Insulator Bottom	A	Outgoing	80.5	78.8	1.7	0.9444444	Phase-to-phase	Baseline
11/1/2026	GT-249	FLIR0249	GT D-10	Disconnect	Bus Conductor Insulator Clamp	A	Outgoing	97.1	90.3	6.8	3.7777778	Phase-to-phase	Monitor
11/1/2026	GT-250	FLIR0250	GT D-10	Disconnect	Bus Conductor Insulator Stack Top	A	Outgoing	79	77.8	1.2	0.6666667	Phase-to-phase	Baseline
11/1/2026	GT-251	FLIR0251	GT D-10	Disconnect	Bus Conductor Insulator Stack Middle	A	Outgoing	79.9	77.8	2.1	1.1666667	Phase-to-phase	Monitor
11/1/2026	GT-252	FLIR0252	GT D-10	Disconnect	Bus Conductor Insulator Stack Bottom	A	Outgoing	80.7	77.8	2.9	1.6111111	Phase-to-phase	Monitor
11/1/2026	GT-253	FLIR0253	GT D-10	Disconnect	Disconnect Bolted Connection	B	Incoming	83	81.7	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	GT-254	FLIR0254	GT D-10	Disconnect	Flexible Conductor Bolted Connection North	B	Incoming	86.7	83.8	2.9	1.6111111	Phase-to-phase	Monitor
11/1/2026	GT-255	FLIR0255	GT D-10	Disconnect	Flexible Conductor Bolted Connection South	B	Incoming	87.7	83.8	3.9	2.1666667	Phase-to-phase	Monitor
11/1/2026	GT-256	FLIR0256	GT D-10	Disconnect	Flexible Conductor Crimped Connection North	B	Incoming	90.2	86.9	3.3	1.8333333	Phase-to-phase	Monitor

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11/1/2026	GT-257	FLIR0257	GT D-10	Disconnect	Flexible Conductor Crimped Connection South	B	Incoming	91.4	86.9	4.5	2.5	Phase-to-phase	Monitor
11/1/2026	GT-258	FLIR0258	GT D-10	Disconnect	Disconnect Blade Connection	B	Incoming	86	86	0	0	Phase-to-phase	Baseline
11/1/2026	GT-259	FLIR0259	GT D-10	Disconnect	Support Insulator Top	B	Incoming	78.9	77.8	1.1	0.6111111	Phase-to-phase	Baseline
11/1/2026	GT-260	FLIR0260	GT D-10	Disconnect	Support Insulator Middle	B	Incoming	79.6	77.8	1.8	1	Phase-to-phase	Baseline
11/1/2026	GT-261	FLIR0261	GT D-10	Disconnect	Support Insulator Bottom	B	Incoming	80.4	77.8	2.6	1.4444444	Phase-to-phase	Monitor
11/1/2026	GT-262	FLIR0262	GT D-10	Disconnect	Disconnect Pivot	B		88.5	87.9	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	GT-263	FLIR0263	GT D-10	Disconnect	Support Insulator Top	B		79	78	1	0.5555556	Phase-to-phase	Baseline
11/1/2026	GT-264	FLIR0264	GT D-10	Disconnect	Support Insulator Middle	B		80	78	2	1.1111111	Phase-to-phase	Monitor
11/1/2026	GT-265	FLIR0265	GT D-10	Disconnect	Support Insulator Bottom	B		81.3	78	3.3	1.8333333	Phase-to-phase	Monitor
11/1/2026	GT-266	FLIR0266	GT D-10	Disconnect	Disconnect Blade Connection	B	Outgoing	93.2	91.2	2	1.1111111	Phase-to-phase	Monitor
11/1/2026	GT-267	FLIR0267	GT D-10	Disconnect	Support Insulator Top	B	Outgoing	78.9	78.8	0.1	0.0555556	Phase-to-phase	Baseline
11/1/2026	GT-268	FLIR0268	GT D-10	Disconnect	Support Insulator Middle	B	Outgoing	79.7	78.8	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	GT-269	FLIR0269	GT D-10	Disconnect	Support Insulator Bottom	B	Outgoing	80.6	78.8	1.8	1	Phase-to-phase	Baseline
11/1/2026	GT-270	FLIR0270	GT D-10	Disconnect	Bus Conductor Insulator Clamp	B	Outgoing	90.3	90.3	0	0	Phase-to-phase	Baseline
11/1/2026	GT-271	FLIR0271	GT D-10	Disconnect	Bus Conductor Insulator Stack Top	B	Outgoing	79.1	77.8	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	GT-272	FLIR0272	GT D-10	Disconnect	Bus Conductor Insulator Stack Middle	B	Outgoing	78.4	77.8	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	GT-273	FLIR0273	GT D-10	Disconnect	Bus Conductor Insulator Stack Bottom	B	Outgoing	79.5	77.8	1.7	0.9444444	Phase-to-phase	Baseline
11/1/2026	GT-274	FLIR0274	GT D-10	Disconnect	Disconnect Bolted Connection	C	Incoming	81.7	81.7	0	0	Phase-to-phase	Baseline
11/1/2026	GT-275	FLIR0275	GT D-10	Disconnect	Flexible Conductor Bolted Connection North	C	Incoming	83.8	83.8	0	0	Phase-to-phase	Baseline
11/1/2026	GT-276	FLIR0276	GT D-10	Disconnect	Flexible Conductor Bolted Connection South	C	Incoming	83.8	83.8	0	0	Phase-to-phase	Baseline
11/1/2026	GT-277	FLIR0277	GT D-10	Disconnect	Flexible Conductor Crimped Connection North	C	Incoming	86.9	86.9	0	0	Phase-to-phase	Baseline
11/1/2026	GT-278	FLIR0278	GT D-10	Disconnect	Flexible Conductor Crimped Connection South	C	Incoming	87	86.9	0.1	0.0555556	Phase-to-phase	Baseline
11/1/2026	GT-279	FLIR0279	GT D-10	Disconnect	Disconnect Blade Connection	C	Incoming	99	86	13	7.2222222	Phase-to-phase	Plan to Repair
11/1/2026	GT-280	FLIR0280	GT D-10	Disconnect	Support Insulator Top	C	Incoming	77.8	77.8	0	0	Phase-to-phase	Baseline
11/1/2026	GT-281	FLIR0281	GT D-10	Disconnect	Support Insulator Middle	C	Incoming	79.2	77.8	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	GT-282	FLIR0282	GT D-10	Disconnect	Support Insulator Bottom	C	Incoming	80.1	77.8	2.3	1.2777778	Phase-to-phase	Monitor
11/1/2026	GT-283	FLIR0283	GT D-10	Disconnect	Disconnect Pivot	C		87.9	87.9	0	0	Phase-to-phase	Baseline
11/1/2026	GT-284	FLIR0284	GT D-10	Disconnect	Support Insulator Top	C		78	78	0	0	Phase-to-phase	Baseline
11/1/2026	GT-285	FLIR0285	GT D-10	Disconnect	Support Insulator Middle	C		79.4	78	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	GT-286	FLIR0286	GT D-10	Disconnect	Support Insulator Bottom	C		80.7	78	2.7	1.5	Phase-to-phase	Monitor
11/1/2026	GT-287	FLIR0287	GT D-10	Disconnect	Disconnect Blade Connection	C	Outgoing	91.2	91.2	0	0	Phase-to-phase	Baseline
11/1/2026	GT-288	FLIR0288	GT D-10	Disconnect	Support Insulator Top	C	Outgoing	78.8	78.8	0	0	Phase-to-phase	Baseline
11/1/2026	GT-289	FLIR0289	GT D-10	Disconnect	Support Insulator Middle	C	Outgoing	78.8	78.8	0	0	Phase-to-phase	Baseline
11/1/2026	GT-290	FLIR0290	GT D-10	Disconnect	Support Insulator Bottom	C	Outgoing	80.1	78.8	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	GT-291	FLIR0291	GT D-10	Disconnect	Bus Conductor Insulator Clamp	C	Outgoing	92.5	90.3	2.2	1.2222222	Phase-to-phase	Monitor
11/1/2026	GT-292	FLIR0292	GT D-10	Disconnect	Bus Conductor Insulator Stack Top	C	Outgoing	78.3	77.8	0.5	0.2777778	Phase-to-phase	Baseline
11/1/2026	GT-293	FLIR0293	GT D-10	Disconnect	Bus Conductor Insulator Stack Middle	C	Outgoing	79.8	77.8	2	1.1111111	Phase-to-phase	Monitor
11/1/2026	GT-294	FLIR0294	GT D-10	Disconnect	Bus Conductor Insulator Stack Bottom	C	Outgoing	80.3	77.8	2.5	1.3888889	Phase-to-phase	Monitor
11/1/2026	GT-295	FLIR0295	GT D-10	Disconnect	Bus Conductor Insulator 2 Clamp	C	Outgoing	93.1	90.3	2.8	1.5555556	Phase-to-phase	Monitor
11/1/2026	GT-296	FLIR0296	GT D-10	Disconnect	Bus Conductor Insulator Stack 2 Top	C	Outgoing	77.8	77.8	0	0	Phase-to-phase	Baseline
11/1/2026	GT-297	FLIR0297	GT D-10	Disconnect	Bus Conductor Insulator Stack 2 Middle	C	Outgoing	78.9	77.8	1.1	0.6111111	Phase-to-phase	Baseline
11/1/2026	GT-298	FLIR0298	GT D-10	Disconnect	Bus Conductor Insulator Stack 2 Bottom	C	Outgoing	79.4	77.8	1.6	0.8888889	Phase-to-phase	Baseline

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ST Inspection Log

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XYZ Power - ST Inspection Log

Inspection Date	Inspection #	Image ID	Equipment ID	Equipment Type	Component / Location	Phase	Position	Measured Temp °F	Reference Temp °F	ΔT °F	ΔT °C	ΔT Basis	Severity
11/1/2026	ST-1	FLIR0298	GSU Transformer #2	GSU	Shell Temperature 1			118.5	116.5	2	1.1111111	Phase-to-phase	Monitor
11/1/2026	ST-2	FLIR0299	GSU Transformer #2	GSU	Shell Temperature 2			119.2	116.5	2.7	1.5	Phase-to-phase	Monitor
11/1/2026	ST-3	FLIR0300	GSU Transformer #2	GSU	Shell Temperature 3			116.5	116.5	0	0	Phase-to-phase	Baseline
11/1/2026	ST-4	FLIR0301	GSU Transformer #2	GSU	Radiator North Bank 1			109.7	108.6	1.1	0.6111111	Phase-to-phase	Baseline
11/1/2026	ST-5	FLIR0302	GSU Transformer #2	GSU	Radiator North Bank 2			108.7	108.6	0.1	0.0555556	Phase-to-phase	Baseline
11/1/2026	ST-6	FLIR0303	GSU Transformer #2	GSU	Radiator North Bank 3			108.6	108.6	0	0	Phase-to-phase	Baseline
11/1/2026	ST-7	FLIR0304	GSU Transformer #2	GSU	Radiator South Bank 1			110.7	110.7	0	0	Phase-to-phase	Baseline
11/1/2026	ST-8	FLIR0305	GSU Transformer #2	GSU	Radiator South Bank 2			111.9	110.7	1.2	0.6666667	Phase-to-phase	Baseline
11/1/2026	ST-9	FLIR0306	GSU Transformer #2	GSU	Radiator South Bank 3			111.1	110.7	0.4	0.2222222	Phase-to-phase	Baseline
11/1/2026	ST-10	FLIR0307	GSU Transformer #2	Bus / conductor	IsoPhase Upper 90	A		91.9	90.8	1.1	0.6111111	Phase-to-phase	Baseline
11/1/2026	ST-11	FLIR0308	GSU Transformer #2	Bus / conductor	IsoPhase Upper 90	B		90.8	90.8	0	0	Phase-to-phase	Baseline
11/1/2026	ST-12	FLIR0309	GSU Transformer #2	Bus / conductor	IsoPhase Upper 90	C		91.8	90.8	1	0.5555556	Phase-to-phase	Baseline
11/1/2026	ST-13	FLIR0310	SST #1	Transformer	Shell Temperature 1			97.7	97.7	0	0	Similar equipment	Baseline
11/1/2026	ST-14	FLIR0311	SST #1	Transformer	Shell Temperature 2			97.8	97.7	0.1	0.0555556	Similar equipment	Baseline
11/1/2026	ST-15	FLIR0312	SST #1	Transformer	Incoming Connection Housing	A		93.4	93.4	0	0	Similar equipment	Baseline
11/1/2026	ST-16	FLIR0313	SST #1	Transformer	Incoming Connection Housing	B		95.4	93.4	2	1.1111111	Similar equipment	Monitor
11/1/2026	ST-17	FLIR0314	SST #1	Transformer	Incoming Connection Housing	C		96.7	93.4	3.3	1.8333333	Similar equipment	Monitor
11/1/2026	ST-18	FLIR0315	SST #1	Transformer	Bushing			95.4	95.4	0	0	Similar equipment	Baseline
11/1/2026	ST-19	FLIR0316	SST #1	Transformer	Radiator North Bank			95.8	95.8	0	0	Similar equipment	Baseline
11/1/2026	ST-20	FLIR0317	SST #1	Transformer	Radiator South Bank			96.9	95.8	1.1	0.6111111	Similar equipment	Baseline
11/1/2026	ST-21	FLIR0318	GSU Transformer #2	GSU	High Side Bushing Housing	A		99.9	98.2	1.7	0.9444444	Phase-to-phase	Baseline
11/1/2026	ST-22	FLIR0319	GSU Transformer #2	GSU	High Side Bushing	A		84.1	84.1	0	0	Phase-to-phase	Baseline
11/1/2026	ST-23	FLIR0320	GSU Transformer #2	GSU	High Side Bushing Connection Upper	A		86.6	85.5	1.1	0.6111111	Phase-to-phase	Baseline
11/1/2026	ST-24	FLIR0321	GSU Transformer #2	GSU	High Side Bushing Connection Lower	A		88	87.5	0.5	0.2777778	Phase-to-phase	Baseline
11/1/2026	ST-25	FLIR0322	GSU Transformer #2	GSU	Bushing Cable Bolted Connection North	A		84.9	84.9	0	0	Phase-to-phase	Baseline
11/1/2026	ST-26	FLIR0323	GSU Transformer #2	GSU	Bushing Cable Bolted Connection South	A		86.5	84.9	1.6	0.8888889	Phase-to-phase	Baseline
11/1/2026	ST-27	FLIR0324	GSU Transformer #2	GSU	Bushing Cable Crimped Connection North	A		65.8	65.8	0	0	Phase-to-phase	Baseline
11/1/2026	ST-28	FLIR0325	GSU Transformer #2	GSU	Bushing Cable Crimped Connection South	A		69.3	65.8	3.5	1.9444444	Phase-to-phase	Monitor
11/1/2026	ST-29	FLIR0326	GSU Transformer #2	GSU	Surge Arrester Connection Upper	A		80.6	80.6	0	0	Phase-to-phase	Baseline
11/1/2026	ST-30	FLIR0327	GSU Transformer #2	GSU	Surge Arrester Connection Lower	A		75.7	73.9	1.8	1	Phase-to-phase	Baseline
11/1/2026	ST-31	FLIR0328	GSU Transformer #2	GSU	Surge Arrester Cable Connection North	A		82.4	81.3	1.1	0.6111111	Phase-to-phase	Baseline
11/1/2026	ST-32	FLIR0329	GSU Transformer #2	GSU	Surge Arrester Cable Connection South	A		81.3	81.3	0	0	Phase-to-phase	Baseline
11/1/2026	ST-33	FLIR0330	GSU Transformer #2	GSU	Surge Arrester Insulator Upper	A		82.2	81.9	0.3	0.1666667	Phase-to-phase	Baseline
11/1/2026	ST-34	FLIR0331	GSU Transformer #2	GSU	Surge Arrester Insulator 2	A		81.9	81.9	0	0	Phase-to-phase	Baseline
11/1/2026	ST-35	FLIR0332	GSU Transformer #2	GSU	Surge Arrester Insulator 3	A		81.9	81.9	0	0	Phase-to-phase	Baseline
11/1/2026	ST-36	FLIR0333	GSU Transformer #2	GSU	Surge Arrester Insulator Lower	A		82.1	81.9	0.2	0.1111111	Phase-to-phase	Baseline
11/1/2026	ST-37	FLIR0334	GSU Transformer #2	GSU	Flexible Conductor North	A		81.4	80.4	1	0.5555556	Phase-to-phase	Baseline
11/1/2026	ST-38	FLIR0335	GSU Transformer #2	GSU	Flexible Conductor South	A		82.2	80.4	1.8	1	Phase-to-phase	Baseline
11/1/2026	ST-39	FLIR0336	GSU Transformer #2	GSU	Bus Conductor Bolted Connection	A		86.6	86.6	0	0	Phase-to-phase	Baseline
11/1/2026	ST-40	FLIR0337	GSU Transformer #2	GSU	Flexible Conductor Bolted Connection North	A		85.9	85.6	0.3	0.1666667	Phase-to-phase	Baseline
11/1/2026	ST-41	FLIR0338	GSU Transformer #2	GSU	Flexible Conductor Bolted Connection South	A		85.6	85.6	0	0	Phase-to-phase	Baseline
11/1/2026	ST-42	FLIR0339	GSU Transformer #2	GSU	Flexible Conductor Crimped Connection North	A		87.2	87.1	0.1	0.0555556	Phase-to-phase	Baseline
11/1/2026	ST-43	FLIR0340	GSU Transformer #2	GSU	Flexible Conductor Crimped Connection South	A		87.3	87.1	0.2	0.1111111	Phase-to-phase	Baseline
11/1/2026	ST-44	FLIR0341	GSU Transformer #2	GSU	Bus Conductor Insulator Clamp	A		81.6	79.5	2.1	1.1666667	Phase-to-phase	Monitor
11/1/2026	ST-45	FLIR0342	GSU Transformer #2	GSU	Bus Conductor Insulator Stack 1 Top	A		79.1	79.1	0	0	Phase-to-phase	Baseline
11/1/2026	ST-46	FLIR0343	GSU Transformer #2	GSU	Bus Conductor Insulator Stack 1 Middle	A		79.7	79.1	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	ST-47	FLIR0344	GSU Transformer #2	GSU	Bus Conductor Insulator Stack 1 Bottom	A		80.7	79.1	1.6	0.8888889	Phase-to-phase	Baseline
11/1/2026	ST-48	FLIR0345	GSU Transformer #2	GSU	Bus Conductor Insulator Clamp	A		97	97	0	0	Phase-to-phase	Baseline
11/1/2026	ST-49	FLIR0346	GSU Transformer #2	GSU	Bus Conductor Insulator Stack 2 Top	A		81.3	81.3	0	0	Phase-to-phase	Baseline
11/1/2026	ST-50	FLIR0347	GSU Transformer #2	GSU	Bus Conductor Insulator Stack 2 Middle	A		81.4	81.3	0.1	0.0555556	Phase-to-phase	Baseline
11/1/2026	ST-51	FLIR0348	GSU Transformer #2	GSU	Bus Conductor Insulator Stack 2 Bottom	A		81.7	81.3	0.4	0.2222222	Phase-to-phase	Baseline
11/1/2026	ST-52	FLIR0349	GSU Transformer #2	GSU	Bus Conductor Bolted Connection	A		87.1	87.1	0	0	Phase-to-phase	Baseline
11/1/2026	ST-53	FLIR0350	GSU Transformer #2	GSU	Flexible Conductor Bolted Connection North	A		87.6	87.6	0	0	Phase-to-phase	Baseline
11/1/2026	ST-54	FLIR0351	GSU Transformer #2	GSU	Flexible Conductor Bolted Connection South	A		88.1	87.6	0.5	0.2777778	Phase-to-phase	Baseline
11/1/2026	ST-55	FLIR0352	GSU Transformer #2	GSU	Flexible Conductor Crimped Connection North	A		92.5	92.1	0.4	0.2222222	Phase-to-phase	Baseline
11/1/2026	ST-56	FLIR0353	GSU Transformer #2	GSU	Flexible Conductor Crimped Connection South	A		92.1	92.1	0	0	Phase-to-phase	Baseline
11/1/2026	ST-57	FLIR0354	GSU Transformer #2	GSU	Flexible Conductor North	A		84.1	84.1	0	0	Phase-to-phase	Baseline
11/1/2026	ST-58	FLIR0355	GSU Transformer #2	GSU	Flexible Conductor South	A		85.6	84.1	1.5	0.8333333	Phase-to-phase	Baseline

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11/1/2026	ST-59	FLIR0356	GSU Transformer #2	GSU	Flexible Conductor Bolted Connection North	A		86.1	85.6	0.5	0.2777778	Phase-to-phase	Baseline
11/1/2026	ST-60	FLIR0357	GSU Transformer #2	GSU	Flexible Conductor Bolted Connection South	A		85.6	85.6	0	0	Phase-to-phase	Baseline
11/1/2026	ST-61	FLIR0358	GSU Transformer #2	GSU	Flexible Conductor Crimped Connection North	A		92.2	89.8	2.4	1.3333333	Phase-to-phase	Monitor
11/1/2026	ST-62	FLIR0359	GSU Transformer #2	GSU	Flexible Conductor Crimped Connection South	A		90.1	89.8	0.3	0.1666667	Phase-to-phase	Baseline
11/1/2026	ST-63	FLIR0360	GSU Transformer #2	GSU	Current Transformer Bolted Connection	A	Incoming	87.8	87.7	0.1	0.0555556	Phase-to-phase	Baseline
11/1/2026	ST-64	FLIR0361	CT Unit 2	CVT / PT	Current Transformer	A		94.2	94.2	0	0	Phase-to-phase	Baseline
11/1/2026	ST-65	FLIR0362	CT Unit 2	CVT / PT	Current Transformer Bushing	A		84.5	83.6	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	ST-66	FLIR0363	GSU Transformer #2	GSU	High Side Bushing Housing	B		98.2	98.2	0	0	Phase-to-phase	Baseline
11/1/2026	ST-67	FLIR0364	GSU Transformer #2	GSU	High Side Bushing	B		86	84.1	1.9	1.0555556	Phase-to-phase	Baseline
11/1/2026	ST-68	FLIR0365	GSU Transformer #2	GSU	High Side Bushing Connection Upper	B		86	85.5	0.5	0.2777778	Phase-to-phase	Baseline
11/1/2026	ST-69	FLIR0366	GSU Transformer #2	GSU	High Side Bushing Connection Lower	B		87.5	87.5	0	0	Phase-to-phase	Baseline
11/1/2026	ST-70	FLIR0367	GSU Transformer #2	GSU	Bushing Cable Bolted Connection North	B		86.6	84.9	1.7	0.9444444	Phase-to-phase	Baseline
11/1/2026	ST-71	FLIR0368	GSU Transformer #2	GSU	Bushing Cable Bolted Connection South	B		86.7	84.9	1.8	1	Phase-to-phase	Baseline
11/1/2026	ST-72	FLIR0369	GSU Transformer #2	GSU	Bushing Cable Crimped Connection North	B		71.3	65.8	5.5	3.0555556	Phase-to-phase	Monitor
11/1/2026	ST-73	FLIR0370	GSU Transformer #2	GSU	Bushing Cable Crimped Connection South	B		71	65.8	5.2	2.8888889	Phase-to-phase	Monitor
11/1/2026	ST-74	FLIR0371	GSU Transformer #2	GSU	Surge Arrester Connection Upper	B		81.2	80.6	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	ST-75	FLIR0372	GSU Transformer #2	GSU	Surge Arrester Connection Lower	B		77.8	73.9	3.9	2.1666667	Phase-to-phase	Monitor
11/1/2026	ST-76	FLIR0373	GSU Transformer #2	GSU	Surge Arrester Cable Connection North	B		83.7	81.3	2.4	1.3333333	Phase-to-phase	Monitor
11/1/2026	ST-77	FLIR0374	GSU Transformer #2	GSU	Surge Arrester Cable Connection South	B		81.8	81.3	0.5	0.2777778	Phase-to-phase	Baseline
11/1/2026	ST-78	FLIR0375	GSU Transformer #2	GSU	Surge Arrester Insulator Upper	B		82.6	81.9	0.7	0.3888889	Phase-to-phase	Baseline
11/1/2026	ST-79	FLIR0376	GSU Transformer #2	GSU	Surge Arrester Insulator 2	B		82.3	81.9	0.4	0.2222222	Phase-to-phase	Baseline
11/1/2026	ST-80	FLIR0377	GSU Transformer #2	GSU	Surge Arrester Insulator 3	B		82.4	81.9	0.5	0.2777778	Phase-to-phase	Baseline
11/1/2026	ST-81	FLIR0378	GSU Transformer #2	GSU	Surge Arrester Insulator Lower	B		82.7	81.9	0.8	0.4444444	Phase-to-phase	Baseline
11/1/2026	ST-82	FLIR0379	GSU Transformer #2	GSU	Flexible Conductor North	B		81.4	80.4	1	0.5555556	Phase-to-phase	Baseline
11/1/2026	ST-83	FLIR0380	GSU Transformer #2	GSU	Flexible Conductor South	B		81.1	80.4	0.7	0.3888889	Phase-to-phase	Baseline
11/1/2026	ST-84	FLIR0381	GSU Transformer #2	GSU	Bus Conductor Bolted Connection	B		87.2	86.6	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	ST-85	FLIR0382	GSU Transformer #2	GSU	Flexible Conductor Bolted Connection North	B		87.2	85.6	1.6	0.8888889	Phase-to-phase	Baseline
11/1/2026	ST-86	FLIR0383	GSU Transformer #2	GSU	Flexible Conductor Bolted Connection South	B		87.6	85.6	2	1.1111111	Phase-to-phase	Monitor
11/1/2026	ST-87	FLIR0384	GSU Transformer #2	GSU	Flexible Conductor Crimped Connection North	B		87.1	87.1	0	0	Phase-to-phase	Baseline
11/1/2026	ST-88	FLIR0385	GSU Transformer #2	GSU	Flexible Conductor Crimped Connection South	B		87.5	87.1	0.4	0.2222222	Phase-to-phase	Baseline
11/1/2026	ST-89	FLIR0386	GSU Transformer #2	GSU	Bus Conductor Insulator Clamp	B		83.8	79.5	4.3	2.3888889	Phase-to-phase	Monitor
11/1/2026	ST-90	FLIR0387	GSU Transformer #2	GSU	Bus Conductor Insulator Stack 1 Top	B		80.3	79.1	1.2	0.6666667	Phase-to-phase	Baseline
11/1/2026	ST-91	FLIR0388	GSU Transformer #2	GSU	Bus Conductor Insulator Stack 1 Middle	B		81	79.1	1.9	1.0555556	Phase-to-phase	Baseline
11/1/2026	ST-92	FLIR0389	GSU Transformer #2	GSU	Bus Conductor Insulator Stack 1 Bottom	B		81.8	79.1	2.7	1.5	Phase-to-phase	Monitor
11/1/2026	ST-93	FLIR0390	GSU Transformer #2	GSU	Bus Conductor Insulator Clamp	B		97.8	97	0.8	0.4444444	Phase-to-phase	Baseline
11/1/2026	ST-94	FLIR0391	GSU Transformer #2	GSU	Bus Conductor Insulator Stack 2 Top	B		81.8	81.3	0.5	0.2777778	Phase-to-phase	Baseline
11/1/2026	ST-95	FLIR0392	GSU Transformer #2	GSU	Bus Conductor Insulator Stack 2 Middle	B		82.1	81.3	0.8	0.4444444	Phase-to-phase	Baseline
11/1/2026	ST-96	FLIR0393	GSU Transformer #2	GSU	Bus Conductor Insulator Stack 2 Bottom	B		83.1	81.3	1.8	1	Phase-to-phase	Baseline
11/1/2026	ST-97	FLIR0394	GSU Transformer #2	GSU	Bus Conductor Bolted Connection	B		88.8	87.1	1.7	0.9444444	Phase-to-phase	Baseline
11/1/2026	ST-98	FLIR0395	GSU Transformer #2	GSU	Flexible Conductor Bolted Connection North	B		89.2	87.6	1.6	0.8888889	Phase-to-phase	Baseline
11/1/2026	ST-99	FLIR0396	GSU Transformer #2	GSU	Flexible Conductor Bolted Connection South	B		88.5	87.6	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	ST-100	FLIR0397	GSU Transformer #2	GSU	Flexible Conductor Crimped Connection North	B		94.6	92.1	2.5	1.3888889	Phase-to-phase	Monitor
11/1/2026	ST-101	FLIR0398	GSU Transformer #2	GSU	Flexible Conductor Crimped Connection South	B		95.1	92.1	3	1.6666667	Phase-to-phase	Monitor
11/1/2026	ST-102	FLIR0399	GSU Transformer #2	GSU	Flexible Conductor North	B		85.1	84.1	1	0.5555556	Phase-to-phase	Baseline
11/1/2026	ST-103	FLIR0400	GSU Transformer #2	GSU	Flexible Conductor South	B		86.1	84.1	2	1.1111111	Phase-to-phase	Monitor
11/1/2026	ST-104	FLIR0401	GSU Transformer #2	GSU	Flexible Conductor Bolted Connection North	B		88.4	85.6	2.8	1.5555556	Phase-to-phase	Monitor
11/1/2026	ST-105	FLIR0402	GSU Transformer #2	GSU	Flexible Conductor Bolted Connection South	B		87.6	85.6	2	1.1111111	Phase-to-phase	Monitor
11/1/2026	ST-106	FLIR0403	GSU Transformer #2	GSU	Flexible Conductor Crimped Connection North	B		92.3	89.8	2.5	1.3888889	Phase-to-phase	Monitor
11/1/2026	ST-107	FLIR0404	GSU Transformer #2	GSU	Flexible Conductor Crimped Connection South	B		94.2	89.8	4.4	2.4444444	Phase-to-phase	Monitor
11/1/2026	ST-108	FLIR0405	GSU Transformer #2	GSU	Current Transformer Bolted Connection	B	Incoming	87.7	87.7	0	0	Phase-to-phase	Baseline
11/1/2026	ST-109	FLIR0406	CT Unit 2	CVT / PT	Current Transformer	B		99.1	94.2	4.9	2.7222222	Phase-to-phase	Monitor
11/1/2026	ST-110	FLIR0407	CT Unit 2	CVT / PT	Current Transformer Bushing	B		85.7	83.6	2.1	1.1666667	Phase-to-phase	Monitor
11/1/2026	ST-111	FLIR0408	GSU Transformer #2	GSU	High Side Bushing Housing	C		103.3	98.2	5.1	2.8333333	Phase-to-phase	Monitor
11/1/2026	ST-112	FLIR0409	GSU Transformer #2	GSU	High Side Bushing	C		84.6	84.1	0.5	0.2777778	Phase-to-phase	Baseline
11/1/2026	ST-113	FLIR0410	GSU Transformer #2	GSU	High Side Bushing Connection Upper	C		85.5	85.5	0	0	Phase-to-phase	Baseline
11/1/2026	ST-114	FLIR0411	GSU Transformer #2	GSU	High Side Bushing Connection Lower	C		88.1	87.5	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	ST-115	FLIR0412	GSU Transformer #2	GSU	Bushing Cable Bolted Connection North	C		90.5	84.9	5.6	3.1111111	Phase-to-phase	Monitor
11/1/2026	ST-116	FLIR0413	GSU Transformer #2	GSU	Bushing Cable Bolted Connection South	C		89.7	84.9	4.8	2.6666667	Phase-to-phase	Monitor
11/1/2026	ST-117	FLIR0414	GSU Transformer #2	GSU	Bushing Cable Crimped Connection North	C		70.2	65.8	4.4	2.4444444	Phase-to-phase	Monitor
11/1/2026	ST-118	FLIR0415	GSU Transformer #2	GSU	Bushing Cable Crimped Connection South	C		71.8	65.8	6	3.3333333	Phase-to-phase	Monitor
11/1/2026	ST-119	FLIR0416	GSU Transformer #2	GSU	Surge Arrester Connection Upper	C		85.5	80.6	4.9	2.7222222	Phase-to-phase	Monitor
11/1/2026	ST-120	FLIR0417	GSU Transformer #2	GSU	Surge Arrester Connection Lower	C		73.9	73.9	0	0	Phase-to-phase	Baseline
11/1/2026	ST-121	FLIR0418	GSU Transformer #2	GSU	Surge Arrester Cable Connection North	C		86.6	81.3	5.3	2.9444444	Phase-to-phase	Monitor
11/1/2026	ST-122	FLIR0419	GSU Transformer #2	GSU	Surge Arrester Cable Connection South	C		85.4	81.3	4.1	2.2777778	Phase-to-phase	Monitor
11/1/2026	ST-123	FLIR0420	GSU Transformer #2	GSU	Surge Arrester Insulator Upper	C		82.9	81.9	1	0.5555556	Phase-to-phase	Baseline
11/1/2026	ST-124	FLIR0421	GSU Transformer #2	GSU	Surge Arrester Insulator 2	C		83.2	81.9	1.3	0.7222222	Phase-to-phase	Baseline

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11/1/2026	ST-125	FLIR0422	GSU Transformer #2	GSU	Surge Arrester Insulator 3	C		82.5	81.9	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	ST-126	FLIR0423	GSU Transformer #2	GSU	Surge Arrester Insulator Lower	C		82.7	81.9	0.8	0.4444444	Phase-to-phase	Baseline
11/1/2026	ST-127	FLIR0424	GSU Transformer #2	GSU	Flexible Conductor North	C		83.6	80.4	3.2	1.7777778	Phase-to-phase	Monitor
11/1/2026	ST-128	FLIR0425	GSU Transformer #2	GSU	Flexible Conductor South	C		80.4	80.4	0	0	Phase-to-phase	Baseline
11/1/2026	ST-129	FLIR0426	GSU Transformer #2	GSU	Bus Conductor Bolted Connection	C		88	86.6	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	ST-130	FLIR0427	GSU Transformer #2	GSU	Flexible Conductor Bolted Connection North	C		88.6	85.6	3	1.6666667	Phase-to-phase	Monitor
11/1/2026	ST-131	FLIR0428	GSU Transformer #2	GSU	Flexible Conductor Bolted Connection South	C		89	85.6	3.4	1.8888889	Phase-to-phase	Monitor
11/1/2026	ST-132	FLIR0429	GSU Transformer #2	GSU	Flexible Conductor Crimped Connection North	C		89.5	87.1	2.4	1.3333333	Phase-to-phase	Monitor
11/1/2026	ST-133	FLIR0430	GSU Transformer #2	GSU	Flexible Conductor Crimped Connection South	C		89.7	87.1	2.6	1.4444444	Phase-to-phase	Monitor
11/1/2026	ST-134	FLIR0431	GSU Transformer #2	GSU	Bus Conductor Insulator Clamp	C		79.5	79.5	0	0	Phase-to-phase	Baseline
11/1/2026	ST-135	FLIR0432	GSU Transformer #2	GSU	Bus Conductor Insulator Stack 1 Top	C		81	79.1	1.9	1.0555556	Phase-to-phase	Baseline
11/1/2026	ST-136	FLIR0433	GSU Transformer #2	GSU	Bus Conductor Insulator Stack 1 Middle	C		81.5	79.1	2.4	1.3333333	Phase-to-phase	Monitor
11/1/2026	ST-137	FLIR0434	GSU Transformer #2	GSU	Bus Conductor Insulator Stack 1 Bottom	C		82	79.1	2.9	1.6111111	Phase-to-phase	Monitor
11/1/2026	ST-138	FLIR0435	GSU Transformer #2	GSU	Bus Conductor Insulator Clamp	C		98.9	97	1.9	1.0555556	Phase-to-phase	Baseline
11/1/2026	ST-139	FLIR0436	GSU Transformer #2	GSU	Bus Conductor Insulator Stack 2 Top	C		82.1	81.3	0.8	0.4444444	Phase-to-phase	Baseline
11/1/2026	ST-140	FLIR0437	GSU Transformer #2	GSU	Bus Conductor Insulator Stack 2 Middle	C		82.6	81.3	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	ST-141	FLIR0438	GSU Transformer #2	GSU	Bus Conductor Insulator Stack 2 Bottom	C		82.5	81.3	1.2	0.6666667	Phase-to-phase	Baseline
11/1/2026	ST-142	FLIR0439	GSU Transformer #2	GSU	Bus Conductor Bolted Connection	C		89	87.1	1.9	1.0555556	Phase-to-phase	Baseline
11/1/2026	ST-143	FLIR0440	GSU Transformer #2	GSU	Flexible Conductor Bolted Connection North	C		90.3	87.6	2.7	1.5	Phase-to-phase	Monitor
11/1/2026	ST-144	FLIR0441	GSU Transformer #2	GSU	Flexible Conductor Bolted Connection South	C		90.2	87.6	2.6	1.4444444	Phase-to-phase	Monitor
11/1/2026	ST-145	FLIR0442	GSU Transformer #2	GSU	Flexible Conductor Crimped Connection North	C		95.6	92.1	3.5	1.9444444	Phase-to-phase	Monitor
11/1/2026	ST-146	FLIR0443	GSU Transformer #2	GSU	Flexible Conductor Crimped Connection South	C		94	92.1	1.9	1.0555556	Phase-to-phase	Baseline
11/1/2026	ST-147	FLIR0444	GSU Transformer #2	GSU	Flexible Conductor North	C		88.1	84.1	4	2.2222222	Phase-to-phase	Monitor
11/1/2026	ST-148	FLIR0445	GSU Transformer #2	GSU	Flexible Conductor South	C		89.9	84.1	5.8	3.2222222	Phase-to-phase	Monitor
11/1/2026	ST-149	FLIR0446	GSU Transformer #2	GSU	Flexible Conductor Bolted Connection North	C		88.2	85.6	2.6	1.4444444	Phase-to-phase	Monitor
11/1/2026	ST-150	FLIR0447	GSU Transformer #2	GSU	Flexible Conductor Bolted Connection South	C		87.4	85.6	1.8	1	Phase-to-phase	Baseline
11/1/2026	ST-151	FLIR0448	GSU Transformer #2	GSU	Flexible Conductor Crimped Connection North	C		91.7	89.8	1.9	1.0555556	Phase-to-phase	Baseline
11/1/2026	ST-152	FLIR0449	GSU Transformer #2	GSU	Flexible Conductor Crimped Connection South	C		89.8	89.8	0	0	Phase-to-phase	Baseline
11/1/2026	ST-153	FLIR0450	GSU Transformer #2	GSU	Current Transformer Bolted Connection	C	Incoming	88.3	87.7	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	ST-154	FLIR0451	CT Unit 2	CVT / PT	Current Transformer	C		99.3	94.2	5.1	2.8333333	Phase-to-phase	Monitor
11/1/2026	ST-155	FLIR0452	CT Unit 2	CVT / PT	Current Transformer Bushing	C		83.6	83.6	0	0	Phase-to-phase	Baseline
11/1/2026	ST-156	FLIR0453	CT Unit 2	CVT / PT	Current Transformer Bolted Connection	A	Outgoing	82.4	82.4	0	0	Phase-to-phase	Baseline
11/1/2026	ST-157	FLIR0454	CT Unit 2	CVT / PT	Flexible Conductor Bolted Connection North	A	Outgoing	82.3	81.6	0.7	0.3888889	Phase-to-phase	Baseline
11/1/2026	ST-158	FLIR0455	CT Unit 2	CVT / PT	Flexible Conductor Bolted Connection South	A	Outgoing	82.9	81.6	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	ST-159	FLIR0456	CT Unit 2	CVT / PT	Flexible Conductor Crimped Connection North	A	Outgoing	81.7	80	1.7	0.9444444	Phase-to-phase	Baseline
11/1/2026	ST-160	FLIR0457	CT Unit 2	CVT / PT	Flexible Conductor Crimped Connection South	A	Outgoing	81.5	80	1.5	0.8333333	Phase-to-phase	Baseline
11/1/2026	ST-161	FLIR0458	CT Unit 2	CVT / PT	Flexible Conductor North	A	Outgoing	77.1	77.1	0	0	Phase-to-phase	Baseline
11/1/2026	ST-162	FLIR0459	CT Unit 2	CVT / PT	Flexible Conductor South	A	Outgoing	77.3	77.1	0.2	0.1111111	Phase-to-phase	Baseline
11/1/2026	ST-163	FLIR0460	ST 52-20	Breaker	Breaker Bolted Connection	A	Incoming	83.4	83.4	0	0	Phase-to-phase	Baseline
11/1/2026	ST-164	FLIR0461	ST 52-20	Breaker	Flexible Conductor Bolted Connection North	A	Incoming	83.3	83.3	0	0	Phase-to-phase	Baseline
11/1/2026	ST-165	FLIR0462	ST 52-20	Breaker	Flexible Conductor Bolted Connection South	A	Incoming	83.6	83.3	0.3	0.1666667	Phase-to-phase	Baseline
11/1/2026	ST-166	FLIR0463	ST 52-20	Breaker	Flexible Conductor Crimped Connection North	A	Incoming	83	83	0	0	Phase-to-phase	Baseline
11/1/2026	ST-167	FLIR0464	ST 52-20	Breaker	Flexible Conductor Crimped Connection South	A	Incoming	83.7	83	0.7	0.3888889	Phase-to-phase	Baseline
11/1/2026	ST-168	FLIR0465	ST 52-20	Breaker	Breaker Bushing Top	A	Incoming	79.8	79.8	0	0	Phase-to-phase	Baseline
11/1/2026	ST-169	FLIR0466	ST 52-20	Breaker	Breaker Bushing Middle	A	Incoming	81.4	81.4	0	0	Phase-to-phase	Baseline
11/1/2026	ST-170	FLIR0467	ST 52-20	Breaker	Breaker Bushing Bottom	A	Incoming	81.4	81.4	0	0	Phase-to-phase	Baseline
11/1/2026	ST-171	FLIR0468	ST 52-20	Breaker	Breaker Bushing Top	A	Outgoing	79.9	79.9	0	0	Phase-to-phase	Baseline
11/1/2026	ST-172	FLIR0469	ST 52-20	Breaker	Breaker Bushing Middle	A	Outgoing	82.1	82.1	0	0	Phase-to-phase	Baseline
11/1/2026	ST-173	FLIR0470	ST 52-20	Breaker	Breaker Bushing Bottom	A	Outgoing	82.5	82.5	0	0	Phase-to-phase	Baseline
11/1/2026	ST-174	FLIR0471	ST 52-20	Breaker	Support Insulator Top	A		81.8	81.8	0	0	Phase-to-phase	Baseline
11/1/2026	ST-175	FLIR0472	ST 52-20	Breaker	Support Insulator Bottom	A		82.8	81.8	1	0.5555556	Phase-to-phase	Baseline
11/1/2026	ST-176	FLIR0473	ST 52-20	Breaker	Breaker Bolted Connection	A	Outgoing	111	83.3	27.7	15.388889	Phase-to-phase	**Critical**
11/1/2026	ST-177	FLIR0474	ST 52-20	Breaker	Flexible Conductor Bolted Connection North	A	Outgoing	81.8	81.8	0	0	Phase-to-phase	Baseline
11/1/2026	ST-178	FLIR0475	ST 52-20	Breaker	Flexible Conductor Bolted Connection South	A	Outgoing	83.5	81.8	1.7	0.9444444	Phase-to-phase	Baseline
11/1/2026	ST-179	FLIR0476	ST 52-20	Breaker	Flexible Conductor Crimped Connection North	A	Outgoing	83.3	83.3	0	0	Phase-to-phase	Baseline
11/1/2026	ST-180	FLIR0477	ST 52-20	Breaker	Flexible Conductor Crimped Connection South	A	Outgoing	83.8	83.3	0.5	0.2777778	Phase-to-phase	Baseline
11/1/2026	ST-181	FLIR0478	ST 52-20	Breaker	Flexible Conductor North	A	Outgoing	79.4	79.4	0	0	Phase-to-phase	Baseline
11/1/2026	ST-182	FLIR0479	ST 52-20	Breaker	Flexible Conductor South	A	Outgoing	79.5	79.4	0.1	0.0555556	Phase-to-phase	Baseline
11/1/2026	ST-183	FLIR0480	CT Unit 2	CVT / PT	Current Transformer Bolted Connection	B	Outgoing	82.4	82.4	0	0	Phase-to-phase	Baseline
11/1/2026	ST-184	FLIR0481	CT Unit 2	CVT / PT	Flexible Conductor Bolted Connection North	B	Outgoing	82.2	81.6	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	ST-185	FLIR0482	CT Unit 2	CVT / PT	Flexible Conductor Bolted Connection South	B	Outgoing	81.6	81.6	0	0	Phase-to-phase	Baseline
11/1/2026	ST-186	FLIR0483	CT Unit 2	CVT / PT	Flexible Conductor Crimped Connection North	B	Outgoing	81.7	80	1.7	0.9444444	Phase-to-phase	Baseline
11/1/2026	ST-187	FLIR0484	CT Unit 2	CVT / PT	Flexible Conductor Crimped Connection South	B	Outgoing	81.8	80	1.8	1	Phase-to-phase	Baseline
11/1/2026	ST-188	FLIR0485	CT Unit 2	CVT / PT	Flexible Conductor North	B	Outgoing	81.9	77.1	4.8	2.6666667	Phase-to-phase	Monitor
11/1/2026	ST-189	FLIR0486	CT Unit 2	CVT / PT	Flexible Conductor South	B	Outgoing	82.1	77.1	5	2.7777778	Phase-to-phase	Monitor
11/1/2026	ST-190	FLIR0487	ST 52-20	Breaker	Breaker Bolted Connection	B	Incoming	84.1	83.4	0.7	0.3888889	Phase-to-phase	Baseline

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11/1/2026	ST-191	FLIR0488	ST 52-20	Breaker	Flexible Conductor Bolted Connection North	B	Incoming	86.1	83.3	2.8	1.5555556	Phase-to-phase	Monitor
11/1/2026	ST-192	FLIR0489	ST 52-20	Breaker	Flexible Conductor Bolted Connection South	B	Incoming	85.2	83.3	1.9	1.0555556	Phase-to-phase	Baseline
11/1/2026	ST-193	FLIR0490	ST 52-20	Breaker	Flexible Conductor Crimped Connection North	B	Incoming	87	83	4	2.2222222	Phase-to-phase	Monitor
11/1/2026	ST-194	FLIR0491	ST 52-20	Breaker	Flexible Conductor Crimped Connection South	B	Incoming	87.4	83	4.4	2.4444444	Phase-to-phase	Monitor
11/1/2026	ST-195	FLIR0492	ST 52-20	Breaker	Breaker Bushing Top	B	Incoming	80.9	79.8	1.1	0.6111111	Phase-to-phase	Baseline
11/1/2026	ST-196	FLIR0493	ST 52-20	Breaker	Breaker Bushing Middle	B	Incoming	82.6	81.4	1.2	0.6666667	Phase-to-phase	Baseline
11/1/2026	ST-197	FLIR0494	ST 52-20	Breaker	Breaker Bushing Bottom	B	Incoming	82.7	81.4	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	ST-198	FLIR0495	ST 52-20	Breaker	Breaker Bushing Top	B	Outgoing	81.3	79.9	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	ST-199	FLIR0496	ST 52-20	Breaker	Breaker Bushing Middle	B	Outgoing	83.3	82.1	1.2	0.6666667	Phase-to-phase	Baseline
11/1/2026	ST-200	FLIR0497	ST 52-20	Breaker	Breaker Bushing Bottom	B	Outgoing	83.4	82.5	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	ST-201	FLIR0498	ST 52-20	Breaker	Support Insulator Top	B		82.1	81.8	0.3	0.1666667	Phase-to-phase	Baseline
11/1/2026	ST-202	FLIR0499	ST 52-20	Breaker	Support Insulator Bottom	B		83.7	81.8	1.9	1.0555556	Phase-to-phase	Baseline
11/1/2026	ST-203	FLIR0500	ST 52-20	Breaker	Breaker Bolted Connection	B	Outgoing	83.3	83.3	0	0	Phase-to-phase	Baseline
11/1/2026	ST-204	FLIR0501	ST 52-20	Breaker	Flexible Conductor Bolted Connection North	B	Outgoing	83.6	81.8	1.8	1	Phase-to-phase	Baseline
11/1/2026	ST-205	FLIR0502	ST 52-20	Breaker	Flexible Conductor Bolted Connection South	B	Outgoing	85.8	81.8	4	2.2222222	Phase-to-phase	Monitor
11/1/2026	ST-206	FLIR0503	ST 52-20	Breaker	Flexible Conductor Crimped Connection North	B	Outgoing	86.3	83.3	3	1.6666667	Phase-to-phase	Monitor
11/1/2026	ST-207	FLIR0504	ST 52-20	Breaker	Flexible Conductor Crimped Connection South	B	Outgoing	89.6	83.3	6.3	3.5	Phase-to-phase	Monitor
11/1/2026	ST-208	FLIR0505	ST 52-20	Breaker	Flexible Conductor North	B	Outgoing	84.7	79.4	5.3	2.9444444	Phase-to-phase	Monitor
11/1/2026	ST-209	FLIR0506	ST 52-20	Breaker	Flexible Conductor South	B	Outgoing	84.9	79.4	5.5	3.0555556	Phase-to-phase	Monitor
11/1/2026	ST-210	FLIR0507	CT Unit 2	CVT / PT	Current Transformer Bolted Connection	C	Outgoing	83.2	82.4	0.8	0.4444444	Phase-to-phase	Baseline
11/1/2026	ST-211	FLIR0508	CT Unit 2	CVT / PT	Flexible Conductor Bolted Connection North	C	Outgoing	83.2	81.6	1.6	0.8888889	Phase-to-phase	Baseline
11/1/2026	ST-212	FLIR0509	CT Unit 2	CVT / PT	Flexible Conductor Bolted Connection South	C	Outgoing	83.2	81.6	1.6	0.8888889	Phase-to-phase	Baseline
11/1/2026	ST-213	FLIR0510	CT Unit 2	CVT / PT	Flexible Conductor Crimped Connection North	C	Outgoing	80	80	0	0	Phase-to-phase	Baseline
11/1/2026	ST-214	FLIR0511	CT Unit 2	CVT / PT	Flexible Conductor Crimped Connection South	C	Outgoing	81.5	80	1.5	0.8333333	Phase-to-phase	Baseline
11/1/2026	ST-215	FLIR0512	CT Unit 2	CVT / PT	Flexible Conductor North	C	Outgoing	83.3	77.1	6.2	3.4444444	Phase-to-phase	Monitor
11/1/2026	ST-216	FLIR0513	CT Unit 2	CVT / PT	Flexible Conductor South	C	Outgoing	81.7	77.1	4.6	2.5555556	Phase-to-phase	Monitor
11/1/2026	ST-217	FLIR0514	ST 52-20	Breaker	Breaker Bolted Connection	C	Incoming	86.5	83.4	3.1	1.7222222	Phase-to-phase	Monitor
11/1/2026	ST-218	FLIR0515	ST 52-20	Breaker	Flexible Conductor Bolted Connection North	C	Incoming	87.8	83.3	4.5	2.5	Phase-to-phase	Monitor
11/1/2026	ST-219	FLIR0516	ST 52-20	Breaker	Flexible Conductor Bolted Connection South	C	Incoming	87.2	83.3	3.9	2.1666667	Phase-to-phase	Monitor
11/1/2026	ST-220	FLIR0517	ST 52-20	Breaker	Flexible Conductor Crimped Connection North	C	Incoming	110	83	27	15	Phase-to-phase	Plan to Repair
11/1/2026	ST-221	FLIR0518	ST 52-20	Breaker	Flexible Conductor Crimped Connection South	C	Incoming	89	83	6	3.3333333	Phase-to-phase	Monitor
11/1/2026	ST-222	FLIR0519	ST 52-20	Breaker	Breaker Bushing Top	C	Incoming	81.4	79.8	1.6	0.8888889	Phase-to-phase	Baseline
11/1/2026	ST-223	FLIR0520	ST 52-20	Breaker	Breaker Bushing Middle	C	Incoming	82.6	81.4	1.2	0.6666667	Phase-to-phase	Baseline
11/1/2026	ST-224	FLIR0521	ST 52-20	Breaker	Breaker Bushing Bottom	C	Incoming	83.1	81.4	1.7	0.9444444	Phase-to-phase	Baseline
11/1/2026	ST-225	FLIR0522	ST 52-20	Breaker	Breaker Bushing Top	C	Outgoing	81.5	79.9	1.6	0.8888889	Phase-to-phase	Baseline
11/1/2026	ST-226	FLIR0523	ST 52-20	Breaker	Breaker Bushing Middle	C	Outgoing	83.3	82.1	1.2	0.6666667	Phase-to-phase	Baseline
11/1/2026	ST-227	FLIR0524	ST 52-20	Breaker	Breaker Bushing Bottom	C	Outgoing	83.8	82.5	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	ST-228	FLIR0525	ST 52-20	Breaker	Support Insulator Top	C		82.7	81.8	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	ST-229	FLIR0526	ST 52-20	Breaker	Support Insulator Bottom	C		83.8	81.8	2	1.1111111	Phase-to-phase	Monitor
11/1/2026	ST-230	FLIR0527	ST 52-20	Breaker	Breaker Bolted Connection	C	Outgoing	83.7	83.3	0.4	0.2222222	Phase-to-phase	Baseline
11/1/2026	ST-231	FLIR0528	ST 52-20	Breaker	Flexible Conductor Bolted Connection North	C	Outgoing	82.6	81.8	0.8	0.4444444	Phase-to-phase	Baseline
11/1/2026	ST-232	FLIR0529	ST 52-20	Breaker	Flexible Conductor Bolted Connection South	C	Outgoing	86.6	81.8	4.8	2.6666667	Phase-to-phase	Monitor
11/1/2026	ST-233	FLIR0530	ST 52-20	Breaker	Flexible Conductor Crimped Connection North	C	Outgoing	86.2	83.3	2.9	1.6111111	Phase-to-phase	Monitor
11/1/2026	ST-234	FLIR0531	ST 52-20	Breaker	Flexible Conductor Crimped Connection South	C	Outgoing	90.1	83.3	6.8	3.7777778	Phase-to-phase	Monitor
11/1/2026	ST-235	FLIR0532	ST 52-20	Breaker	Flexible Conductor North	C	Outgoing	82.5	79.4	3.1	1.7222222	Phase-to-phase	Monitor
11/1/2026	ST-236	FLIR0533	ST 52-20	Breaker	Flexible Conductor South	C	Outgoing	82.5	79.4	3.1	1.7222222	Phase-to-phase	Monitor
11/1/2026	ST-237	FLIR0534	ST D-20	Disconnect	Disconnect Bolted Connection	A	Incoming	82.2	82.2	0	0	Phase-to-phase	Baseline
11/1/2026	ST-238	FLIR0535	ST D-20	Disconnect	Flexible Conductor Bolted Connection North	A	Incoming	85.1	85.1	0	0	Phase-to-phase	Baseline
11/1/2026	ST-239	FLIR0536	ST D-20	Disconnect	Flexible Conductor Bolted Connection South	A	Incoming	85.5	85.1	0.4	0.2222222	Phase-to-phase	Baseline
11/1/2026	ST-240	FLIR0537	ST D-20	Disconnect	Flexible Conductor Crimped Connection North	A	Incoming	90.2	89.9	0.3	0.1666667	Phase-to-phase	Baseline
11/1/2026	ST-241	FLIR0538	ST D-20	Disconnect	Flexible Conductor Crimped Connection South	A	Incoming	92.9	89.9	3	1.6666667	Phase-to-phase	Monitor
11/1/2026	ST-242	FLIR0539	ST D-20	Disconnect	Disconnect Blade Connection	A	Incoming	130	91.5	38.5	21.388889	Phase-to-phase	**Critical**
11/1/2026	ST-243	FLIR0540	ST D-20	Disconnect	Support Insulator Top	A	Incoming	79.5	78.6	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	ST-244	FLIR0541	ST D-20	Disconnect	Support Insulator Middle	A	Incoming	80.5	78.6	1.9	1.0555556	Phase-to-phase	Baseline
11/1/2026	ST-245	FLIR0542	ST D-20	Disconnect	Support Insulator Bottom	A	Incoming	81.2	78.6	2.6	1.4444444	Phase-to-phase	Monitor
11/1/2026	ST-246	FLIR0543	ST D-20	Disconnect	Disconnect Pivot	A		90.3	89.9	0.4	0.2222222	Phase-to-phase	Baseline
11/1/2026	ST-247	FLIR0544	ST D-20	Disconnect	Support Insulator Top	A		79.4	79.4	0	0	Phase-to-phase	Baseline
11/1/2026	ST-248	FLIR0545	ST D-20	Disconnect	Support Insulator Middle	A		81.6	79.4	2.2	1.2222222	Phase-to-phase	Monitor
11/1/2026	ST-249	FLIR0546	ST D-20	Disconnect	Support Insulator Bottom	A		81.9	79.4	2.5	1.3888889	Phase-to-phase	Monitor
11/1/2026	ST-250	FLIR0547	ST D-20	Disconnect	Disconnect Blade Connection	A	Outgoing	92	92	0	0	Phase-to-phase	Baseline
11/1/2026	ST-251	FLIR0548	ST D-20	Disconnect	Support Insulator Top	A	Outgoing	78.9	78.9	0	0	Phase-to-phase	Baseline
11/1/2026	ST-252	FLIR0549	ST D-20	Disconnect	Support Insulator Middle	A	Outgoing	79.4	78.9	0.5	0.2777778	Phase-to-phase	Baseline
11/1/2026	ST-253	FLIR0550	ST D-20	Disconnect	Support Insulator Bottom	A	Outgoing	80.3	78.9	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	ST-254	FLIR0551	ST D-20	Disconnect	Bus Conductor Insulator Clamp	A	Outgoing	98.4	98.4	0	0	Phase-to-phase	Baseline
11/1/2026	ST-255	FLIR0552	ST D-20	Disconnect	Bus Conductor Insulator Stack Top	A	Outgoing	81.1	80.9	0.2	0.1111111	Phase-to-phase	Baseline
11/1/2026	ST-256	FLIR0553	ST D-20	Disconnect	Bus Conductor Insulator Stack Middle	A	Outgoing	80.9	80.9	0	0	Phase-to-phase	Baseline

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11/1/2026	ST-257	FLIR0554	ST D-20	Disconnect	Bus Conductor Insulator Stack Bottom	A	Outgoing	81.8	80.9	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	ST-258	FLIR0555	ST D-20	Disconnect	Disconnect Bolted Connection	B	Incoming	83.7	82.2	1.5	0.8333333	Phase-to-phase	Baseline
11/1/2026	ST-259	FLIR0556	ST D-20	Disconnect	Flexible Conductor Bolted Connection North	B	Incoming	86.7	85.1	1.6	0.8888889	Phase-to-phase	Baseline
11/1/2026	ST-260	FLIR0557	ST D-20	Disconnect	Flexible Conductor Bolted Connection South	B	Incoming	86.5	85.1	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	ST-261	FLIR0558	ST D-20	Disconnect	Flexible Conductor Crimped Connection North	B	Incoming	89.9	89.9	0	0	Phase-to-phase	Baseline
11/1/2026	ST-262	FLIR0559	ST D-20	Disconnect	Flexible Conductor Crimped Connection South	B	Incoming	91.9	89.9	2	1.1111111	Phase-to-phase	Monitor
11/1/2026	ST-263	FLIR0560	ST D-20	Disconnect	Disconnect Blade Connection	B	Incoming	91.5	91.5	0	0	Phase-to-phase	Baseline
11/1/2026	ST-264	FLIR0561	ST D-20	Disconnect	Support Insulator Top	B	Incoming	78.6	78.6	0	0	Phase-to-phase	Baseline
11/1/2026	ST-265	FLIR0562	ST D-20	Disconnect	Support Insulator Middle	B	Incoming	79.8	78.6	1.2	0.6666667	Phase-to-phase	Baseline
11/1/2026	ST-266	FLIR0563	ST D-20	Disconnect	Support Insulator Bottom	B	Incoming	80	78.6	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	ST-267	FLIR0564	ST D-20	Disconnect	Disconnect Pivot	B		89.9	89.9	0	0	Phase-to-phase	Baseline
11/1/2026	ST-268	FLIR0565	ST D-20	Disconnect	Support Insulator Top	B		79.5	79.4	0.1	0.0555556	Phase-to-phase	Baseline
11/1/2026	ST-269	FLIR0566	ST D-20	Disconnect	Support Insulator Middle	B		80.1	79.4	0.7	0.3888889	Phase-to-phase	Baseline
11/1/2026	ST-270	FLIR0567	ST D-20	Disconnect	Support Insulator Bottom	B		82	79.4	2.6	1.4444444	Phase-to-phase	Monitor
11/1/2026	ST-271	FLIR0568	ST D-20	Disconnect	Disconnect Blade Connection	B	Outgoing	93.8	92	1.8	1	Phase-to-phase	Baseline
11/1/2026	ST-272	FLIR0569	ST D-20	Disconnect	Support Insulator Top	B	Outgoing	79.8	78.9	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	ST-273	FLIR0570	ST D-20	Disconnect	Support Insulator Middle	B	Outgoing	80.8	78.9	1.9	1.0555556	Phase-to-phase	Baseline
11/1/2026	ST-274	FLIR0571	ST D-20	Disconnect	Support Insulator Bottom	B	Outgoing	81.3	78.9	2.4	1.3333333	Phase-to-phase	Monitor
11/1/2026	ST-275	FLIR0572	ST D-20	Disconnect	Bus Conductor Insulator Clamp	B	Outgoing	101.7	98.4	3.3	1.8333333	Phase-to-phase	Monitor
11/1/2026	ST-276	FLIR0573	ST D-20	Disconnect	Bus Conductor Insulator Stack Top	B	Outgoing	80.9	80.9	0	0	Phase-to-phase	Baseline
11/1/2026	ST-277	FLIR0574	ST D-20	Disconnect	Bus Conductor Insulator Stack Middle	B	Outgoing	81.8	80.9	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	ST-278	FLIR0575	ST D-20	Disconnect	Bus Conductor Insulator Stack Bottom	B	Outgoing	82.2	80.9	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	ST-279	FLIR0576	ST D-20	Disconnect	Disconnect Bolted Connection	C	Incoming	83.7	82.2	1.5	0.8333333	Phase-to-phase	Baseline
11/1/2026	ST-280	FLIR0577	ST D-20	Disconnect	Flexible Conductor Bolted Connection North	C	Incoming	86.5	85.1	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	ST-281	FLIR0578	ST D-20	Disconnect	Flexible Conductor Bolted Connection South	C	Incoming	86.8	85.1	1.7	0.9444444	Phase-to-phase	Baseline
11/1/2026	ST-282	FLIR0579	ST D-20	Disconnect	Flexible Conductor Crimped Connection North	C	Incoming	89.9	89.9	0	0	Phase-to-phase	Baseline
11/1/2026	ST-283	FLIR0580	ST D-20	Disconnect	Flexible Conductor Crimped Connection South	C	Incoming	91.6	89.9	1.7	0.9444444	Phase-to-phase	Baseline
11/1/2026	ST-284	FLIR0581	ST D-20	Disconnect	Disconnect Blade Connection	C	Incoming	92.8	91.5	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	ST-285	FLIR0582	ST D-20	Disconnect	Support Insulator Top	C	Incoming	79.2	78.6	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	ST-286	FLIR0583	ST D-20	Disconnect	Support Insulator Middle	C	Incoming	80.3	78.6	1.7	0.9444444	Phase-to-phase	Baseline
11/1/2026	ST-287	FLIR0584	ST D-20	Disconnect	Support Insulator Bottom	C	Incoming	81.4	78.6	2.8	1.5555556	Phase-to-phase	Monitor
11/1/2026	ST-288	FLIR0585	ST D-20	Disconnect	Disconnect Pivot	C		91.3	89.9	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	ST-289	FLIR0586	ST D-20	Disconnect	Support Insulator Top	C		79.8	79.4	0.4	0.2222222	Phase-to-phase	Baseline
11/1/2026	ST-290	FLIR0587	ST D-20	Disconnect	Support Insulator Middle	C		79.5	79.4	0.1	0.0555556	Phase-to-phase	Baseline
11/1/2026	ST-291	FLIR0588	ST D-20	Disconnect	Support Insulator Bottom	C		81.5	79.4	2.1	1.1666667	Phase-to-phase	Monitor
11/1/2026	ST-292	FLIR0589	ST D-20	Disconnect	Disconnect Blade Connection	C	Outgoing	94.5	92	2.5	1.3888889	Phase-to-phase	Monitor
11/1/2026	ST-293	FLIR0590	ST D-20	Disconnect	Support Insulator Top	C	Outgoing	80.1	78.9	1.2	0.6666667	Phase-to-phase	Baseline
11/1/2026	ST-294	FLIR0591	ST D-20	Disconnect	Support Insulator Middle	C	Outgoing	81.3	78.9	2.4	1.3333333	Phase-to-phase	Monitor
11/1/2026	ST-295	FLIR0592	ST D-20	Disconnect	Support Insulator Bottom	C	Outgoing	81.9	78.9	3	1.6666667	Phase-to-phase	Monitor
11/1/2026	ST-296	FLIR0593	ST D-20	Disconnect	Bus Conductor Insulator Clamp	C	Outgoing	102.5	98.4	4.1	2.2777778	Phase-to-phase	Monitor
11/1/2026	ST-297	FLIR0594	ST D-20	Disconnect	Bus Conductor Insulator Stack Top	C	Outgoing	81.8	80.9	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	ST-298	FLIR0595	ST D-20	Disconnect	Bus Conductor Insulator Stack Middle	C	Outgoing	81.8	80.9	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	ST-299	FLIR0596	ST D-20	Disconnect	Bus Conductor Insulator Stack Bottom	C	Outgoing	82.3	80.9	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	ST-300	FLIR0597	ST D-20	Disconnect	Bus Conductor Insulator 2 Clamp	C	Outgoing	101.3	98.4	2.9	1.6111111	Phase-to-phase	Monitor
11/1/2026	ST-301	FLIR0598	ST D-20	Disconnect	Bus Conductor Insulator Stack 2 Top	C	Outgoing	80.9	80.9	0	0	Phase-to-phase	Baseline
11/1/2026	ST-302	FLIR0599	ST D-20	Disconnect	Bus Conductor Insulator Stack 2 Middle	C	Outgoing	81.1	80.9	0.2	0.1111111	Phase-to-phase	Baseline
11/1/2026	ST-303	FLIR0600	ST D-20	Disconnect	Bus Conductor Insulator Stack 2 Bottom	C	Outgoing	82.3	80.9	1.4	0.7777778	Phase-to-phase	Baseline

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345 KV Transmission Line Inspection Log

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XYZ Power - 345 KV Transmission Line Inspection Log

Inspection Date	Inspection #	Image ID	Equipment ID	Equipment Type	Component / Location	Phase	Position	Measured Temp °F	Reference Temp °F	ΔT °F	ΔT °C	ΔT Basis	Severity
11/1/2026	345-1	FLIR0601	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 1	A		93.9	89.9	4	2.2222222	Phase-to-phase	Monitor
11/1/2026	345-2	FLIR0602	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 1 Top	A		81.8	81.6	0.2	0.1111111	Phase-to-phase	Baseline
11/1/2026	345-3	FLIR0603	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 1 Middle	A		82.4	81.6	0.8	0.4444444	Phase-to-phase	Baseline
11/1/2026	345-4	FLIR0604	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 1 Bottom	A		82.6	81.6	1	0.5555556	Phase-to-phase	Baseline
11/1/2026	345-5	FLIR0605	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 2	A		91.2	89.9	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	345-6	FLIR0606	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 2 Top	A		82.2	81.6	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	345-7	FLIR0607	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 2 Middle	A		82.9	81.6	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	345-8	FLIR0608	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 2 Bottom	A		82.7	81.6	1.1	0.6111111	Phase-to-phase	Baseline
11/1/2026	345-9	FLIR0609	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 3	A		92.6	89.9	2.7	1.5	Phase-to-phase	Monitor
11/1/2026	345-10	FLIR0610	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 3 Top	A		81.6	81.6	0	0	Phase-to-phase	Baseline
11/1/2026	345-11	FLIR0611	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 3 Middle	A		82.1	81.6	0.5	0.2777778	Phase-to-phase	Baseline
11/1/2026	345-12	FLIR0612	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 3 Bottom	A		82.7	81.6	1.1	0.6111111	Phase-to-phase	Baseline
11/1/2026	345-13	FLIR0613	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 4	A		91.4	89.9	1.5	0.8333333	Phase-to-phase	Baseline
11/1/2026	345-14	FLIR0614	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 4 Top	A		82.4	81.6	0.8	0.4444444	Phase-to-phase	Baseline
11/1/2026	345-15	FLIR0615	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 4 Middle	A		82.8	81.6	1.2	0.6666667	Phase-to-phase	Baseline
11/1/2026	345-16	FLIR0616	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 4 Bottom	A		82.9	81.6	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	345-17	FLIR0617	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 5	A		95.9	89.9	6	3.3333333	Phase-to-phase	Monitor
11/1/2026	345-18	FLIR0618	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 5 Top	A		82.2	81.6	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	345-19	FLIR0619	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 5 Middle	A		82.9	81.6	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	345-20	FLIR0620	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 5 Bottom	A		82.9	81.6	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	345-21	FLIR0621	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 6	A		93.4	89.9	3.5	1.9444444	Phase-to-phase	Monitor
11/1/2026	345-22	FLIR0622	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 6 Top	A		82.3	81.6	0.7	0.3888889	Phase-to-phase	Baseline
11/1/2026	345-23	FLIR0623	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 6 Middle	A		83.7	81.6	2.1	1.1666667	Phase-to-phase	Monitor
11/1/2026	345-24	FLIR0624	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 6 Bottom	A		83.8	81.6	2.2	1.2222222	Phase-to-phase	Monitor
11/1/2026	345-25	FLIR0625	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 7 - Halo	A		95.3	95.3	0	0	Phase-to-phase	Baseline
11/1/2026	345-26	FLIR0626	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 7 Top	A		83.9	83.2	0.7	0.3888889	Phase-to-phase	Baseline
11/1/2026	345-27	FLIR0627	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 7 Middle	A		83.8	83.2	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	345-28	FLIR0628	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 7 Bottom	A		83.6	83.2	0.4	0.2222222	Phase-to-phase	Baseline
11/1/2026	345-29	FLIR0629	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 8	A		93.5	89.9	3.6	2	Phase-to-phase	Monitor
11/1/2026	345-30	FLIR0630	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 8 Top	A		82.9	81.6	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	345-31	FLIR0631	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 8 Middle	A		83.7	81.6	2.1	1.1666667	Phase-to-phase	Monitor
11/1/2026	345-32	FLIR0632	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 8 Bottom	A		83.8	81.6	2.2	1.2222222	Phase-to-phase	Monitor
11/1/2026	345-33	FLIR0633	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 9	A		89.9	89.9	0	0	Phase-to-phase	Baseline
11/1/2026	345-34	FLIR0634	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 9 Top	A		83.2	81.6	1.6	0.8888889	Phase-to-phase	Baseline
11/1/2026	345-35	FLIR0635	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 9 Middle	A		83.5	81.6	1.9	1.0555556	Phase-to-phase	Baseline
11/1/2026	345-36	FLIR0636	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 9 Bottom	A		83.5	81.6	1.9	1.0555556	Phase-to-phase	Baseline
11/1/2026	345-37	FLIR0637	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 10	A		96.2	89.9	6.3	3.5	Phase-to-phase	Monitor
11/1/2026	345-38	FLIR0638	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 10 Top	A		83.5	81.6	1.9	1.0555556	Phase-to-phase	Baseline
11/1/2026	345-39	FLIR0639	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 10 Middle	A		83.4	81.6	1.8	1	Phase-to-phase	Baseline
11/1/2026	345-40	FLIR0640	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 10 Bottom	A		83.6	81.6	2	1.1111111	Phase-to-phase	Monitor
11/1/2026	345-41	FLIR0641	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 11	A		94.5	89.9	4.6	2.5555556	Phase-to-phase	Monitor
11/1/2026	345-42	FLIR0642	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 11 Top	A		82.4	81.6	0.8	0.4444444	Phase-to-phase	Baseline
11/1/2026	345-43	FLIR0643	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 11 Middle	A		83.3	81.6	1.7	0.9444444	Phase-to-phase	Baseline
11/1/2026	345-44	FLIR0644	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 11 Bottom	A		83.3	81.6	1.7	0.9444444	Phase-to-phase	Baseline
11/1/2026	345-45	FLIR0645	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 1	B		94.6	89.9	4.7	2.6111111	Phase-to-phase	Monitor
11/1/2026	345-46	FLIR0646	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 1 Top	B		82.3	81.6	0.7	0.3888889	Phase-to-phase	Baseline
11/1/2026	345-47	FLIR0647	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 1 Middle	B		82.5	81.6	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	345-48	FLIR0648	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 1 Bottom	B		83	81.6	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	345-49	FLIR0649	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 2	B		91.3	89.9	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	345-50	FLIR0650	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 2 Top	B		83.7	81.6	2.1	1.1666667	Phase-to-phase	Monitor
11/1/2026	345-51	FLIR0651	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 2 Middle	B		83.6	81.6	2	1.1111111	Phase-to-phase	Monitor
11/1/2026	345-52	FLIR0652	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 2 Bottom	B		83.6	81.6	2	1.1111111	Phase-to-phase	Monitor
11/1/2026	345-53	FLIR0653	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 3	B		93.5	89.9	3.6	2	Phase-to-phase	Monitor
11/1/2026	345-54	FLIR0654	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 3 Top	B		83.7	81.6	2.1	1.1666667	Phase-to-phase	Monitor
11/1/2026	345-55	FLIR0655	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 3 Middle	B		84	81.6	2.4	1.3333333	Phase-to-phase	Monitor
11/1/2026	345-56	FLIR0656	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 3 Bottom	B		84.1	81.6	2.5	1.3888889	Phase-to-phase	Monitor
11/1/2026	345-57	FLIR0657	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 4	B		94.6	89.9	4.7	2.6111111	Phase-to-phase	Monitor

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11/1/2026	345-58	FLIR0658	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 4 Top	B	83.8	81.6	2.2	1.2222222	Phase-to-phase	Monitor
11/1/2026	345-59	FLIR0659	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 4 Middle	B	83.7	81.6	2.1	1.1666667	Phase-to-phase	Monitor
11/1/2026	345-60	FLIR0660	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 4 Bottom	B	83.8	81.6	2.2	1.2222222	Phase-to-phase	Monitor
11/1/2026	345-61	FLIR0661	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 5 - Halo	B	97.4	95.3	2.1	1.1666667	Phase-to-phase	Monitor
11/1/2026	345-62	FLIR0662	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 5 Top	B	84	83.2	0.8	0.4444444	Phase-to-phase	Baseline
11/1/2026	345-63	FLIR0663	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 5 Middle	B	83.8	83.2	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	345-64	FLIR0664	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 5 Bottom	B	84.1	83.2	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	345-65	FLIR0665	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 6	B	93.8	89.9	3.9	2.1666667	Phase-to-phase	Monitor
11/1/2026	345-66	FLIR0666	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 6 Top	B	83	81.6	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	345-67	FLIR0667	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 6 Middle	B	83.8	81.6	2.2	1.2222222	Phase-to-phase	Monitor
11/1/2026	345-68	FLIR0668	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 6 Bottom	B	83.8	81.6	2.2	1.2222222	Phase-to-phase	Monitor
11/1/2026	345-69	FLIR0669	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 7	B	96	89.9	6.1	3.3888889	Phase-to-phase	Monitor
11/1/2026	345-70	FLIR0670	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 7 Top	B	83.4	81.6	1.8	1	Phase-to-phase	Baseline
11/1/2026	345-71	FLIR0671	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 7 Middle	B	83.9	81.6	2.3	1.2777778	Phase-to-phase	Monitor
11/1/2026	345-72	FLIR0672	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 7 Bottom	B	84.3	81.6	2.7	1.5	Phase-to-phase	Monitor
11/1/2026	345-73	FLIR0673	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 8	B	92.7	89.9	2.8	1.5555556	Phase-to-phase	Monitor
11/1/2026	345-74	FLIR0674	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 8 Top	B	84	81.6	2.4	1.3333333	Phase-to-phase	Monitor
11/1/2026	345-75	FLIR0675	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 8 Middle	B	84.5	81.6	2.9	1.6111111	Phase-to-phase	Monitor
11/1/2026	345-76	FLIR0676	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 8 Bottom	B	84.3	81.6	2.7	1.5	Phase-to-phase	Monitor
11/1/2026	345-77	FLIR0677	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 9	B	94.1	89.9	4.2	2.3333333	Phase-to-phase	Monitor
11/1/2026	345-78	FLIR0678	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 9 Top	B	84	81.6	2.4	1.3333333	Phase-to-phase	Monitor
11/1/2026	345-79	FLIR0679	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 9 Middle	B	84	81.6	2.4	1.3333333	Phase-to-phase	Monitor
11/1/2026	345-80	FLIR0680	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 9 Bottom	B	84.3	81.6	2.7	1.5	Phase-to-phase	Monitor
11/1/2026	345-81	FLIR0681	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 10	B	96.6	89.9	6.7	3.7222222	Phase-to-phase	Monitor
11/1/2026	345-82	FLIR0682	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 10 Top	B	84.7	81.6	3.1	1.7222222	Phase-to-phase	Monitor
11/1/2026	345-83	FLIR0683	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 10 Middle	B	84.8	81.6	3.2	1.7777778	Phase-to-phase	Monitor
11/1/2026	345-84	FLIR0684	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 10 Bottom	B	85.1	81.6	3.5	1.9444444	Phase-to-phase	Monitor
11/1/2026	345-85	FLIR0685	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 1	C	95.2	89.9	5.3	2.9444444	Phase-to-phase	Monitor
11/1/2026	345-86	FLIR0686	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 1 Top	C	81.7	81.6	0.1	0.0555556	Phase-to-phase	Baseline
11/1/2026	345-87	FLIR0687	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 1 Middle	C	82.8	81.6	1.2	0.6666667	Phase-to-phase	Baseline
11/1/2026	345-88	FLIR0688	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 1 Bottom	C	82.9	81.6	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	345-89	FLIR0689	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 2	C	94.5	89.9	4.6	2.5555556	Phase-to-phase	Monitor
11/1/2026	345-90	FLIR0690	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 2 Top	C	81.7	81.6	0.1	0.0555556	Phase-to-phase	Baseline
11/1/2026	345-91	FLIR0691	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 2 Middle	C	82.6	81.6	1	0.5555556	Phase-to-phase	Baseline
11/1/2026	345-92	FLIR0692	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 2 Bottom	C	82.5	81.6	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	345-93	FLIR0693	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 3	C	94.3	89.9	4.4	2.4444444	Phase-to-phase	Monitor
11/1/2026	345-94	FLIR0694	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 3 Top	C	82.9	81.6	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	345-95	FLIR0695	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 3 Middle	C	82.9	81.6	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	345-96	FLIR0696	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 3 Bottom	C	82.9	81.6	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	345-97	FLIR0697	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 4	C	96.2	89.9	6.3	3.5	Phase-to-phase	Monitor
11/1/2026	345-98	FLIR0698	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 4 Top	C	82.3	81.6	0.7	0.3888889	Phase-to-phase	Baseline
11/1/2026	345-99	FLIR0699	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 4 Middle	C	82.9	81.6	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	345-100	FLIR0700	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 4 Bottom	C	83.7	81.6	2.1	1.1666667	Phase-to-phase	Monitor
11/1/2026	345-101	FLIR0701	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 5	C	94.9	89.9	5	2.7777778	Phase-to-phase	Monitor
11/1/2026	345-102	FLIR0702	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 5 Top	C	83	81.6	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	345-103	FLIR0703	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 5 Middle	C	83	81.6	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	345-104	FLIR0704	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 5 Bottom	C	83.6	81.6	2	1.1111111	Phase-to-phase	Monitor
11/1/2026	345-105	FLIR0705	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 6 - Halo	C	96.1	95.3	0.8	0.4444444	Phase-to-phase	Baseline
11/1/2026	345-106	FLIR0706	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 6 Top	C	83.2	83.2	0	0	Phase-to-phase	Baseline
11/1/2026	345-107	FLIR0707	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 6 Middle	C	83.9	83.2	0.7	0.3888889	Phase-to-phase	Baseline
11/1/2026	345-108	FLIR0708	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 6 Bottom	C	84	83.2	0.8	0.4444444	Phase-to-phase	Baseline
11/1/2026	345-109	FLIR0709	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 7	C	95	89.9	5.1	2.8333333	Phase-to-phase	Monitor
11/1/2026	345-110	FLIR0710	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 7 Top	C	83	81.6	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	345-111	FLIR0711	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 7 Middle	C	83.9	81.6	2.3	1.2777778	Phase-to-phase	Monitor
11/1/2026	345-112	FLIR0712	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 7 Bottom	C	84.2	81.6	2.6	1.4444444	Phase-to-phase	Monitor
11/1/2026	345-113	FLIR0713	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 8	C	93.7	89.9	3.8	2.1111111	Phase-to-phase	Monitor
11/1/2026	345-114	FLIR0714	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 8 Top	C	83	81.6	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	345-115	FLIR0715	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 8 Middle	C	83.7	81.6	2.1	1.1666667	Phase-to-phase	Monitor
11/1/2026	345-116	FLIR0716	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 8 Bottom	C	84	81.6	2.4	1.3333333	Phase-to-phase	Monitor
11/1/2026	345-117	FLIR0717	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 9	C	96.6	89.9	6.7	3.7222222	Phase-to-phase	Monitor
11/1/2026	345-118	FLIR0718	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 9 Top	C	82.9	81.6	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	345-119	FLIR0719	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 9 Middle	C	83.4	81.6	1.8	1	Phase-to-phase	Baseline
11/1/2026	345-120	FLIR0720	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 9 Bottom	C	83.9	81.6	2.3	1.2777778	Phase-to-phase	Monitor
11/1/2026	345-121	FLIR0721	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 10	C	92.1	89.9	2.2	1.2222222	Phase-to-phase	Monitor
11/1/2026	345-122	FLIR0722	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 10 Top	C	83.6	81.6	2	1.1111111	Phase-to-phase	Monitor

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11/1/2026	345-123	FLIR0723	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 10 Middle	C		83.6	81.6	2	1.1111111	Phase-to-phase	Monitor
11/1/2026	345-124	FLIR0724	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 10 Bottom	C		83.7	81.6	2.1	1.1666667	Phase-to-phase	Monitor
11/1/2026	345-125	FLIR0725	Collector Bus	Bus / conductor	Bus Conductor Insulator Clamp 11	C		91	89.9	1.1	0.6111111	Phase-to-phase	Baseline
11/1/2026	345-126	FLIR0726	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 11 Top	C		83.2	81.6	1.6	0.8888889	Phase-to-phase	Baseline
11/1/2026	345-127	FLIR0727	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 11 Middle	C		83.6	81.6	2	1.1111111	Phase-to-phase	Monitor
11/1/2026	345-128	FLIR0728	Collector Bus	Bus / conductor	Bus Conductor Insulator Stack 11 Bottom	C		84.1	81.6	2.5	1.3888889	Phase-to-phase	Monitor
11/1/2026	345-129	FLIR0729	Transmission Tower 1	Bus / conductor	Transmission Line Bolted Connection North	A		75.8	75.6	0.2	0.1111111	Phase-to-phase	Baseline
11/1/2026	345-130	FLIR0730	Transmission Tower 1	Bus / conductor	Transmission Line Bolted Connection South	A		77.3	75.6	1.7	0.9444444	Phase-to-phase	Baseline
11/1/2026	345-131	FLIR0731	Transmission Tower 1	Bus / conductor	Transmission Line Crimped Connection North	A		58.2	54.3	3.9	2.1666667	Phase-to-phase	Monitor
11/1/2026	345-132	FLIR0732	Transmission Tower 1	Bus / conductor	Transmission Line Crimped Connection South	A		59.7	54.3	5.4	3	Phase-to-phase	Monitor
11/1/2026	345-133	FLIR0733	Transmission Tower 1	Bus / conductor	Transmission Line End Connection North	A		81.4	81.4	0	0	Phase-to-phase	Baseline
11/1/2026	345-134	FLIR0734	Transmission Tower 1	Bus / conductor	Transmission Line End Connection South	A		81.4	81.4	0	0	Phase-to-phase	Baseline
11/1/2026	345-135	FLIR0735	Transmission Tower 1	Bus / conductor	Conductor to Plate Connection North	A		75.8	75	0.8	0.4444444	Phase-to-phase	Baseline
11/1/2026	345-136	FLIR0736	Transmission Tower 1	Bus / conductor	Conductor to Plate Connection South	A		75	75	0	0	Phase-to-phase	Baseline
11/1/2026	345-137	FLIR0737	Transmission Tower 1	Bus / conductor	Dead End Insulator Connection North	A		79.7	79.4	0.3	0.1666667	Phase-to-phase	Baseline
11/1/2026	345-138	FLIR0738	Transmission Tower 1	Bus / conductor	Dead End Insulator Connection South	A		79.7	79.4	0.3	0.1666667	Phase-to-phase	Baseline
11/1/2026	345-139	FLIR0739	Transmission Tower 1	Bus / conductor	Dead End Insulator North	A		90.3	90.1	0.2	0.1111111	Phase-to-phase	Baseline
11/1/2026	345-140	FLIR0740	Transmission Tower 1	Bus / conductor	Dead End Insulator South	A		91.5	90.1	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	345-141	FLIR0741	Transmission Tower 1	Bus / conductor	Insulator Structure Plate Connection North	A		74.9	72.4	2.5	1.3888889	Phase-to-phase	Monitor
11/1/2026	345-142	FLIR0742	Transmission Tower 1	Bus / conductor	Insulator Structure Plate Connection South	A		74.2	72.4	1.8	1	Phase-to-phase	Baseline
11/1/2026	345-143	FLIR0743	Transmission Tower 1	Bus / conductor	Insulator Assembly Connection	A		83.7	82.3	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	345-144	FLIR0744	Transmission Tower 1	Bus / conductor	Transmission Line Bolted Connection North	B		100	75.6	24.4	13.555556	Phase-to-phase	Plan to Repair
11/1/2026	345-145	FLIR0745	Transmission Tower 1	Bus / conductor	Transmission Line Bolted Connection South	B		78.9	75.6	3.3	1.8333333	Phase-to-phase	Monitor
11/1/2026	345-146	FLIR0746	Transmission Tower 1	Bus / conductor	Transmission Line Crimped Connection North	B		57.8	54.3	3.5	1.9444444	Phase-to-phase	Monitor
11/1/2026	345-147	FLIR0747	Transmission Tower 1	Bus / conductor	Transmission Line Crimped Connection South	B		59.8	54.3	5.5	3.0555556	Phase-to-phase	Monitor
11/1/2026	345-148	FLIR0748	Transmission Tower 1	Bus / conductor	Transmission Line End Connection North	B		84	81.4	2.6	1.4444444	Phase-to-phase	Monitor
11/1/2026	345-149	FLIR0749	Transmission Tower 1	Bus / conductor	Transmission Line End Connection South	B		83.8	81.4	2.4	1.3333333	Phase-to-phase	Monitor
11/1/2026	345-150	FLIR0750	Transmission Tower 1	Bus / conductor	Conductor to Plate Connection North	B		79.5	75	4.5	2.5	Phase-to-phase	Monitor
11/1/2026	345-151	FLIR0751	Transmission Tower 1	Bus / conductor	Conductor to Plate Connection South	B		79.9	75	4.9	2.7222222	Phase-to-phase	Monitor
11/1/2026	345-152	FLIR0752	Transmission Tower 1	Bus / conductor	Dead End Insulator Connection North	B		80.7	79.4	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	345-153	FLIR0753	Transmission Tower 1	Bus / conductor	Dead End Insulator Connection South	B		79.9	79.4	0.5	0.2777778	Phase-to-phase	Baseline
11/1/2026	345-154	FLIR0754	Transmission Tower 1	Bus / conductor	Dead End Insulator North	B		90.9	90.1	0.8	0.4444444	Phase-to-phase	Baseline
11/1/2026	345-155	FLIR0755	Transmission Tower 1	Bus / conductor	Dead End Insulator South	B		91	90.1	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	345-156	FLIR0756	Transmission Tower 1	Bus / conductor	Insulator Structure Plate Connection North	B		74.1	72.4	1.7	0.9444444	Phase-to-phase	Baseline
11/1/2026	345-157	FLIR0757	Transmission Tower 1	Bus / conductor	Insulator Structure Plate Connection South	B		75.3	72.4	2.9	1.6111111	Phase-to-phase	Monitor
11/1/2026	345-158	FLIR0758	Transmission Tower 1	Bus / conductor	Insulator Assembly Connection	B		83	82.3	0.7	0.3888889	Phase-to-phase	Baseline
11/1/2026	345-159	FLIR0759	Transmission Tower 1	Bus / conductor	Transmission Line Bolted Connection North	C		76.9	75.6	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	345-160	FLIR0760	Transmission Tower 1	Bus / conductor	Transmission Line Bolted Connection South	C		75.6	75.6	0	0	Phase-to-phase	Baseline
11/1/2026	345-161	FLIR0761	Transmission Tower 1	Bus / conductor	Transmission Line Crimped Connection North	C		54.3	54.3	0	0	Phase-to-phase	Baseline
11/1/2026	345-162	FLIR0762	Transmission Tower 1	Bus / conductor	Transmission Line Crimped Connection South	C		54.3	54.3	0	0	Phase-to-phase	Baseline
11/1/2026	345-163	FLIR0763	Transmission Tower 1	Bus / conductor	Transmission Line End Connection North	C		83	81.4	1.6	0.8888889	Phase-to-phase	Baseline
11/1/2026	345-164	FLIR0764	Transmission Tower 1	Bus / conductor	Transmission Line End Connection South	C		82.3	81.4	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	345-165	FLIR0765	Transmission Tower 1	Bus / conductor	Conductor to Plate Connection North	C		76.3	75	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	345-166	FLIR0766	Transmission Tower 1	Bus / conductor	Conductor to Plate Connection South	C		76.1	75	1.1	0.6111111	Phase-to-phase	Baseline
11/1/2026	345-167	FLIR0767	Transmission Tower 1	Bus / conductor	Dead End Insulator Connection North	C		79.4	79.4	0	0	Phase-to-phase	Baseline
11/1/2026	345-168	FLIR0768	Transmission Tower 1	Bus / conductor	Dead End Insulator Connection South	C		80.1	79.4	0.7	0.3888889	Phase-to-phase	Baseline
11/1/2026	345-169	FLIR0769	Transmission Tower 1	Bus / conductor	Dead End Insulator North	C		91.4	90.1	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	345-170	FLIR0770	Transmission Tower 1	Bus / conductor	Dead End Insulator South	C		90.1	90.1	0	0	Phase-to-phase	Baseline
11/1/2026	345-171	FLIR0771	Transmission Tower 1	Bus / conductor	Insulator Structure Plate Connection North	C		72.4	72.4	0	0	Phase-to-phase	Baseline
11/1/2026	345-172	FLIR0772	Transmission Tower 1	Bus / conductor	Insulator Structure Plate Connection South	C		76.8	72.4	4.4	2.4444444	Phase-to-phase	Monitor
11/1/2026	345-173	FLIR0773	Transmission Tower 1	Bus / conductor	Insulator Assembly Connection	C		82.3	82.3	0	0	Phase-to-phase	Baseline
11/1/2026	345-174	FLIR0774	Transmission Tower 2	Bus / conductor	Insulator Cable Bend Connection North	A	Incoming	76	72.6	3.4	1.8888889	Phase-to-phase	Monitor
11/1/2026	345-175	FLIR0775	Transmission Tower 2	Bus / conductor	Insulator Cable Bend Connection South	A	Incoming	75.8	72.6	3.2	1.7777778	Phase-to-phase	Monitor
11/1/2026	345-176	FLIR0776	Transmission Tower 2	Bus / conductor	Plate To Insulator Connection North	A	Incoming	76.9	75.5	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	345-177	FLIR0777	Transmission Tower 2	Bus / conductor	Plate to Insulator Connection South	A	Incoming	76.7	75.5	1.2	0.6666667	Phase-to-phase	Baseline
11/1/2026	345-178	FLIR0778	Transmission Tower 2	Bus / conductor	Insulator North	A	Incoming	80	79.2	0.8	0.4444444	Phase-to-phase	Baseline
11/1/2026	345-179	FLIR0779	Transmission Tower 2	Bus / conductor	Insulator South	A	Incoming	80.1	79.2	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	345-180	FLIR0780	Transmission Tower 2	Bus / conductor	Insulator Structure Plate Connection North	A	Incoming	74.6	70.7	3.9	2.1666667	Phase-to-phase	Monitor
11/1/2026	345-181	FLIR0781	Transmission Tower 2	Bus / conductor	Insulator Structure Plate Connection South	A	Incoming	73.8	70.7	3.1	1.7222222	Phase-to-phase	Monitor
11/1/2026	345-182	FLIR0782	Transmission Tower 2	Bus / conductor	Insulator Assembly Connection	A	Incoming	80.6	79.1	1.5	0.8333333	Phase-to-phase	Baseline
11/1/2026	345-183	FLIR0783	Transmission Tower 2	Bus / conductor	Suspension Insulator Connection North	A	Incoming	80.2	79.8	0.4	0.2222222	Phase-to-phase	Baseline
11/1/2026	345-184	FLIR0784	Transmission Tower 2	Bus / conductor	Suspension Insulator Connection South	A	Incoming	81.2	79.8	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	345-185	FLIR0785	Transmission Tower 2	Bus / conductor	Suspension Insulator	A	Incoming	80.7	79.4	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	345-186	FLIR0786	Transmission Tower 2	Bus / conductor	Insulator Cable Bend Connection North	A	Outgoing	77.5	73.8	3.7	2.0555556	Phase-to-phase	Monitor
11/1/2026	345-187	FLIR0787	Transmission Tower 2	Bus / conductor	Insulator Cable Bend Connection South	A	Outgoing	76	73.8	2.2	1.2222222	Phase-to-phase	Monitor

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11/1/2026	345-188	FLIR0788	Transmission Tower 2	Bus / conductor	Plate To Insulator Connection North	A	Outgoing	71	71	0	0	Phase-to-phase	Baseline
11/1/2026	345-189	FLIR0789	Transmission Tower 2	Bus / conductor	Plate to Insulator Connection South	A	Outgoing	71.9	71	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	345-190	FLIR0790	Transmission Tower 2	Bus / conductor	Insulator North	A	Outgoing	78.1	77.4	0.7	0.3888889	Phase-to-phase	Baseline
11/1/2026	345-191	FLIR0791	Transmission Tower 2	Bus / conductor	Insulator South	A	Outgoing	77.4	77.4	0	0	Phase-to-phase	Baseline
11/1/2026	345-192	FLIR0792	Transmission Tower 2	Bus / conductor	Insulator Structure Plate Connection North	A	Outgoing	70	70	0	0	Phase-to-phase	Baseline
11/1/2026	345-193	FLIR0793	Transmission Tower 2	Bus / conductor	Insulator Structure Plate Connection South	A	Outgoing	73	70	3	1.6666667	Phase-to-phase	Monitor
11/1/2026	345-194	FLIR0794	Transmission Tower 2	Bus / conductor	Insulator Assembly Connection	A	Outgoing	78.1	78.1	0	0	Phase-to-phase	Baseline
11/1/2026	345-195	FLIR0795	Transmission Tower 2	Bus / conductor	Insulator Cable Bend Connection North	B	Incoming	72.8	72.6	0.2	0.1111111	Phase-to-phase	Baseline
11/1/2026	345-196	FLIR0796	Transmission Tower 2	Bus / conductor	Insulator Cable Bend Connection South	B	Incoming	72.6	72.6	0	0	Phase-to-phase	Baseline
11/1/2026	345-197	FLIR0797	Transmission Tower 2	Bus / conductor	Plate To Insulator Connection North	B	Incoming	76.1	75.5	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	345-198	FLIR0798	Transmission Tower 2	Bus / conductor	Plate to Insulator Connection South	B	Incoming	76.6	75.5	1.1	0.6111111	Phase-to-phase	Baseline
11/1/2026	345-199	FLIR0799	Transmission Tower 2	Bus / conductor	Insulator North	B	Incoming	79.9	79.2	0.7	0.3888889	Phase-to-phase	Baseline
11/1/2026	345-200	FLIR0800	Transmission Tower 2	Bus / conductor	Insulator South	B	Incoming	80.1	79.2	0.9	0.5	Phase-to-phase	Baseline
11/1/2026	345-201	FLIR0801	Transmission Tower 2	Bus / conductor	Insulator Structure Plate Connection North	B	Incoming	74.2	70.7	3.5	1.9444444	Phase-to-phase	Monitor
11/1/2026	345-202	FLIR0802	Transmission Tower 2	Bus / conductor	Insulator Structure Plate Connection South	B	Incoming	73.6	70.7	2.9	1.6111111	Phase-to-phase	Monitor
11/1/2026	345-203	FLIR0803	Transmission Tower 2	Bus / conductor	Insulator Assembly Connection	B	Incoming	82.9	79.1	3.8	2.1111111	Phase-to-phase	Monitor
11/1/2026	345-204	FLIR0804	Transmission Tower 2	Bus / conductor	Suspension Insulator Connection North	B	Incoming	81.5	79.8	1.7	0.9444444	Phase-to-phase	Baseline
11/1/2026	345-205	FLIR0805	Transmission Tower 2	Bus / conductor	Suspension Insulator Connection South	B	Incoming	81.2	79.8	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	345-206	FLIR0806	Transmission Tower 2	Bus / conductor	Suspension Insulator	B	Incoming	81.2	79.4	1.8	1	Phase-to-phase	Baseline
11/1/2026	345-207	FLIR0807	Transmission Tower 2	Bus / conductor	Insulator Cable Bend Connection North	B	Outgoing	80.3	73.8	6.5	3.6111111	Phase-to-phase	Monitor
11/1/2026	345-208	FLIR0808	Transmission Tower 2	Bus / conductor	Insulator Cable Bend Connection South	B	Outgoing	73.8	73.8	0	0	Phase-to-phase	Baseline
11/1/2026	345-209	FLIR0809	Transmission Tower 2	Bus / conductor	Plate To Insulator Connection North	B	Outgoing	73.7	71	2.7	1.5	Phase-to-phase	Monitor
11/1/2026	345-210	FLIR0810	Transmission Tower 2	Bus / conductor	Plate to Insulator Connection South	B	Outgoing	74.2	71	3.2	1.7777778	Phase-to-phase	Monitor
11/1/2026	345-211	FLIR0811	Transmission Tower 2	Bus / conductor	Insulator North	B	Outgoing	78.5	77.4	1.1	0.6111111	Phase-to-phase	Baseline
11/1/2026	345-212	FLIR0812	Transmission Tower 2	Bus / conductor	Insulator South	B	Outgoing	78.4	77.4	1	0.5555556	Phase-to-phase	Baseline
11/1/2026	345-213	FLIR0813	Transmission Tower 2	Bus / conductor	Insulator Structure Plate Connection North	B	Outgoing	71.5	70	1.5	0.8333333	Phase-to-phase	Baseline
11/1/2026	345-214	FLIR0814	Transmission Tower 2	Bus / conductor	Insulator Structure Plate Connection South	B	Outgoing	72.2	70	2.2	1.2222222	Phase-to-phase	Monitor
11/1/2026	345-215	FLIR0815	Transmission Tower 2	Bus / conductor	Insulator Assembly Connection	B	Outgoing	79.5	78.1	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	345-216	FLIR0816	Transmission Tower 2	Bus / conductor	Insulator Cable Bend Connection North	C	Incoming	74.8	72.6	2.2	1.2222222	Phase-to-phase	Monitor
11/1/2026	345-217	FLIR0817	Transmission Tower 2	Bus / conductor	Insulator Cable Bend Connection South	C	Incoming	75.2	72.6	2.6	1.4444444	Phase-to-phase	Monitor
11/1/2026	345-218	FLIR0818	Transmission Tower 2	Bus / conductor	Plate To Insulator Connection North	C	Incoming	75.5	75.5	0	0	Phase-to-phase	Baseline
11/1/2026	345-219	FLIR0819	Transmission Tower 2	Bus / conductor	Plate to Insulator Connection South	C	Incoming	76.1	75.5	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	345-220	FLIR0820	Transmission Tower 2	Bus / conductor	Insulator North	C	Incoming	79.2	79.2	0	0	Phase-to-phase	Baseline
11/1/2026	345-221	FLIR0821	Transmission Tower 2	Bus / conductor	Insulator South	C	Incoming	79.9	79.2	0.7	0.3888889	Phase-to-phase	Baseline
11/1/2026	345-222	FLIR0822	Transmission Tower 2	Bus / conductor	Insulator Structure Plate Connection North	C	Incoming	71	70.7	0.3	0.1666667	Phase-to-phase	Baseline
11/1/2026	345-223	FLIR0823	Transmission Tower 2	Bus / conductor	Insulator Structure Plate Connection South	C	Incoming	70.7	70.7	0	0	Phase-to-phase	Baseline
11/1/2026	345-224	FLIR0824	Transmission Tower 2	Bus / conductor	Insulator Assembly Connection	C	Incoming	79.1	79.1	0	0	Phase-to-phase	Baseline
11/1/2026	345-225	FLIR0825	Transmission Tower 2	Bus / conductor	Suspension Insulator Connection North	C	Incoming	81.4	79.8	1.6	0.8888889	Phase-to-phase	Baseline
11/1/2026	345-226	FLIR0826	Transmission Tower 2	Bus / conductor	Suspension Insulator Connection South	C	Incoming	79.8	79.8	0	0	Phase-to-phase	Baseline
11/1/2026	345-227	FLIR0827	Transmission Tower 2	Bus / conductor	Suspension Insulator	C	Incoming	79.4	79.4	0	0	Phase-to-phase	Baseline
11/1/2026	345-228	FLIR0828	Transmission Tower 2	Bus / conductor	Insulator Cable Bend Connection North	C	Outgoing	76.3	73.8	2.5	1.3888889	Phase-to-phase	Monitor
11/1/2026	345-229	FLIR0829	Transmission Tower 2	Bus / conductor	Insulator Cable Bend Connection South	C	Outgoing	75.2	73.8	1.4	0.7777778	Phase-to-phase	Baseline
11/1/2026	345-230	FLIR0830	Transmission Tower 2	Bus / conductor	Plate To Insulator Connection North	C	Outgoing	71.6	71	0.6	0.3333333	Phase-to-phase	Baseline
11/1/2026	345-231	FLIR0831	Transmission Tower 2	Bus / conductor	Plate to Insulator Connection South	C	Outgoing	72.2	71	1.2	0.6666667	Phase-to-phase	Baseline
11/1/2026	345-232	FLIR0832	Transmission Tower 2	Bus / conductor	Insulator North	C	Outgoing	78.4	77.4	1	0.5555556	Phase-to-phase	Baseline
11/1/2026	345-233	FLIR0833	Transmission Tower 2	Bus / conductor	Insulator South	C	Outgoing	78.7	77.4	1.3	0.7222222	Phase-to-phase	Baseline
11/1/2026	345-234	FLIR0834	Transmission Tower 2	Bus / conductor	Insulator Structure Plate Connection North	C	Outgoing	72.4	70	2.4	1.3333333	Phase-to-phase	Monitor
11/1/2026	345-235	FLIR0835	Transmission Tower 2	Bus / conductor	Insulator Structure Plate Connection South	C	Outgoing	72.9	70	2.9	1.6111111	Phase-to-phase	Monitor
11/1/2026	345-236	FLIR0836	Transmission Tower 2	Bus / conductor	Insulator Assembly Connection	C	Outgoing	80.5	78.1	2.4	1.3333333	Phase-to-phase	Monitor

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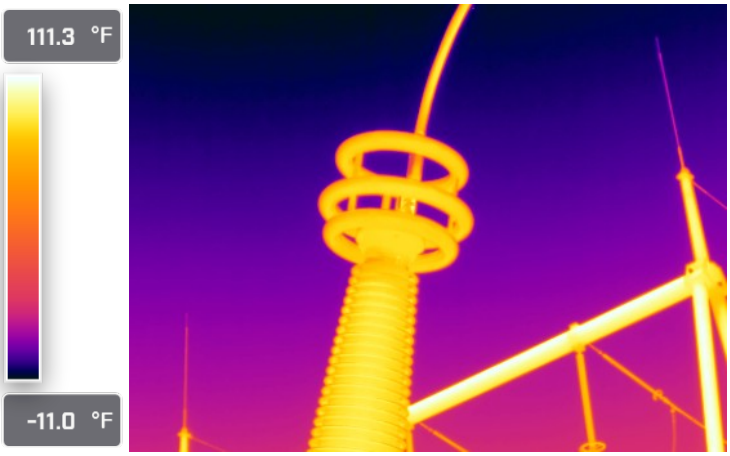
Thermal Findings Image Report

The Thermal Findings Image Report provides supporting thermographic documentation for the thermal conditions identified in the Issues and Actions Plan. Each reported finding includes the applicable Issues and Actions Item No., thermal imagery with temperature measurement data, a corresponding optical image of the equipment being assessed, and associated camera and image information.

The images included in this section represent the thermal findings selected for formal reporting and do not constitute the complete inspection image set. The full thermal image record is retained as part of the inspection turnover package for additional review and future reference.

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11/1/2026 8:37:23 PM



FLIR0185.jpg



79325415

Parameters

Emissivity	0.95
Distance	30.00 ft
Reflected temp.	68.0 °F
Atmospheric temp.	81.0 °F
Relative humidity	50.0%
Ext. optics temp.	68.0 °F
Ext. optics trans.	1.00

File information

File name	FLIR0185.jpg
File size	619 KB
Width	464
Height	348
Minimum temp.	-12.8 °F
Maximum temp.	114.1 °F

Camera information

Camera model	FLIR T540
Lens	FOL18 FOV24
Camera serial	79325415
Filter	
Range max.	248.0 °F
Range min.	-4.0 °F
Field of view	23.50

Measurements

Sp1	107.4 °F
Sp2	87.9 °F

Geolocation

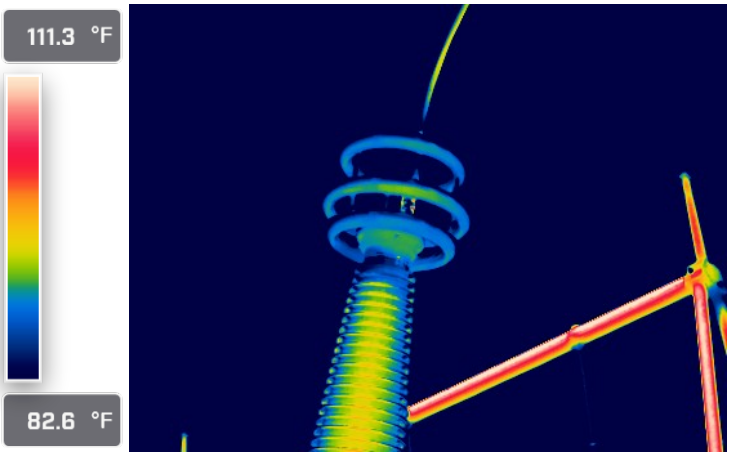
Compass degrees	0° N

Issues and Actions Tracking

Item No.	1

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11/1/2026 8:37:23 PM



FLIR0185 - tuned.jpg



79325415

Parameters

Emissivity	0.95
Distance	30.00 ft
Reflected temp.	68.0 °F
Atmospheric temp.	81.0 °F
Relative humidity	50.0%
Ext. optics temp.	68.0 °F
Ext. optics trans.	1.00

File information

File name	FLIR0185 - tuned.jpg
File size	497 KB
Width	464
Height	348
Minimum temp.	-12.8 °F
Maximum temp.	114.1 °F

Camera information

Camera model	FLIR T540
Lens	FOL18 FOV24
Camera serial	79325415
Filter	
Range max.	248.0 °F
Range min.	-4.0 °F
Field of view	23.50

Measurements

Geolocation

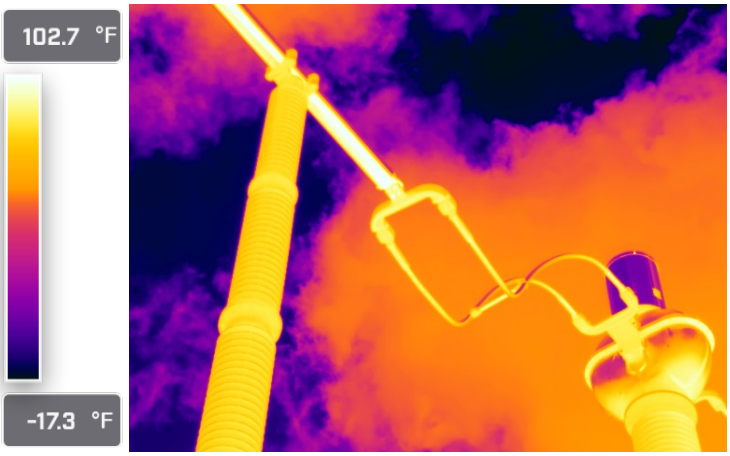
Compass degrees	0° N

Issues and Actions Tracking

Item No.	1

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11/1/2026 4:32:46 PM



FLIR0473.jpg



90206126

Parameters

Emissivity	0.95
Distance	3.28 ft
Reflected temp.	68.0 °F
Atmospheric temp.	75.0 °F
Relative humidity	50.0%
Ext. optics temp.	68.0 °F
Ext. optics trans.	1.00

File information

File name	FLIR0473.jpg
File size	949 KB
Width	640
Height	480
Minimum temp.	-17.7 °F
Maximum temp.	109.8 °F

Camera information

Camera model	FLIR E96
Lens	FOL18DW FOV24
Camera serial	90206126
Filter	
Range max.	248.0 °F
Range min.	-4.0 °F
Field of view	24.10

Measurements

Sp1	109.8 °F
Sp2	89.8 °F
Sp3	89.5 °F
Sp4	88.8 °F
Sp5	88.5 °F
Sp6	84.0 °F
Sp7	87.6 °F

Geolocation

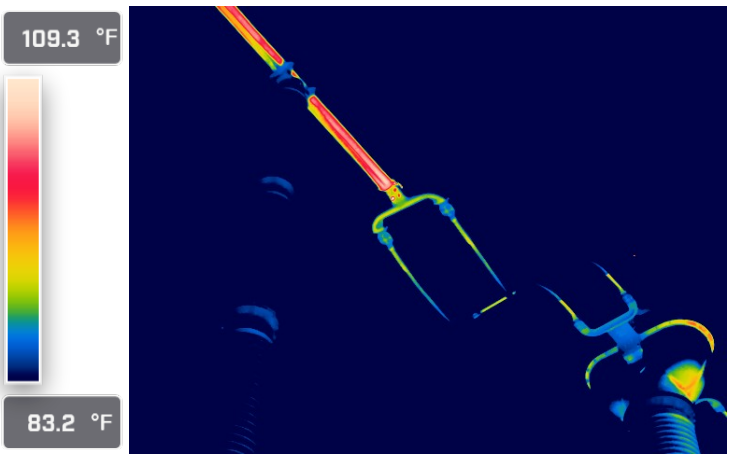
Compass degrees	0° N

Issues and Actions Tracking

Item No.	2

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8/18/2026 4:32:46 PM



FLIR0046 - tuned.jpg


90206126

Parameters

Emissivity	0.95
Distance	3.28 ft
Reflected temp.	68.0 °F
Atmospheric temp.	75.0 °F
Relative humidity	50.0%
Ext. optics temp.	68.0 °F
Ext. optics trans.	1.00

File information

File name	FLIR0046 - tuned.jpg
File size	961 KB
Width	640
Height	480
Minimum temp.	-17.7 °F
Maximum temp.	109.8 °F

Camera information

Camera model	FLIR E96
Lens	FOL18DW FOV24
Camera serial	90206126
Filter	
Range max.	248.0 °F
Range min.	-4.0 °F
Field of view	24.10

Measurements

Bx1	
Max	109.8 °F
Avg	44.9 °F
Min	-13.0 °F

Geolocation

Coordinates	40°38'19.1"N 79°21'05.7"W
Compass degrees	0° N

Issues and Actions Tracking

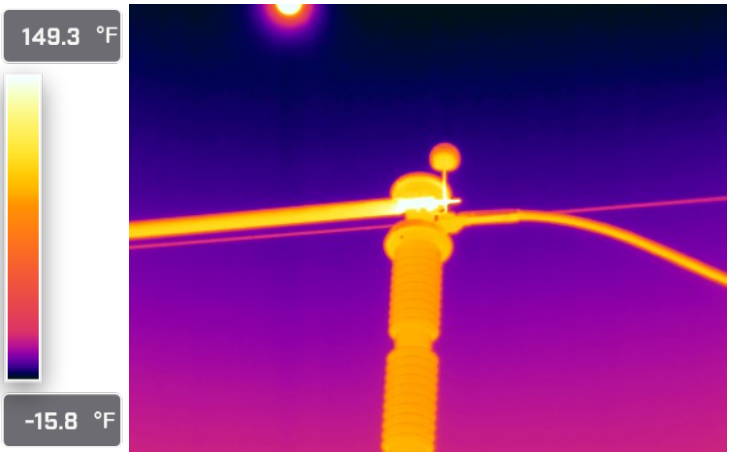
Item No.	2

Text annotations

GSU Transformer	GSU Transformer #1
Station Service Transformer	
Current Transformer	
Yard Breaker	
Disconnect Switch	
Potential Transformer	
Transmission Tower	
Phase	C
Positioning	

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FLIR0539.jpg



79325415

Parameters

Emissivity	0.95
Distance	30.00 ft
Reflected temp.	68.0 °F
Atmospheric temp.	81.0 °F
Relative humidity	50.0%
Ext. optics temp.	68.0 °F
Ext. optics trans.	1.00

File information

File name	FLIR0539.jpg
File size	697 KB
Width	464
Height	348
Minimum temp.	-18.6 °F
Maximum temp.	266.0 °F

Camera information

Camera model	FLIR T540
Lens	FOL18 FOV24
Camera serial	79325415
Filter	
Range max.	248.0 °F
Range min.	-4.0 °F
Field of view	23.50

Measurements

Sp1	∞ °F
Sp2	103.0 °F
Sp3	108.5 °F

Geolocation

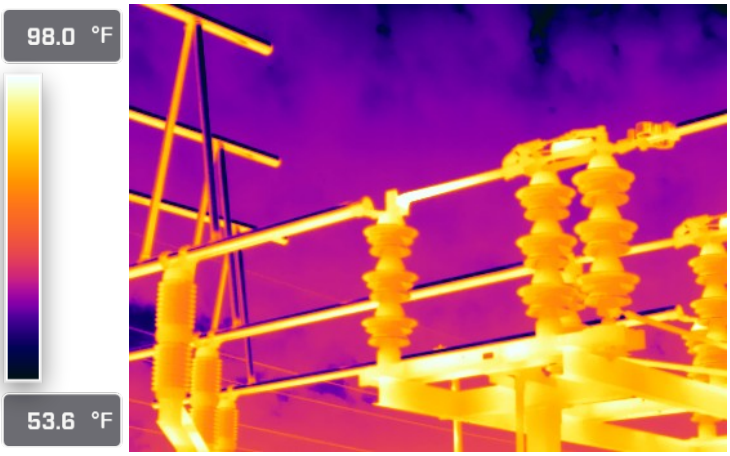
Compass degrees	0° N

Issues and Actions Tracking

Item No.	3

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11/1/2026 3:18:21 PM



FLIR0279.jpg



79325415

Parameters

Emissivity	0.95
Distance	30.00 ft
Reflected temp.	68.0 °F
Atmospheric temp.	80.0 °F
Relative humidity	50.0%
Ext. optics temp.	68.0 °F
Ext. optics trans.	1.00

File information

File name	FLIR0279.jpg
File size	720 KB
Width	464
Height	348
Minimum temp.	46.9 °F
Maximum temp.	203.2 °F

Camera information

Camera model	FLIR T540
Lens	FOL18 FOV24
Camera serial	79325415
Filter	
Range max.	248.0 °F
Range min.	-4.0 °F
Field of view	23.50

Measurements

Sp1	93.8 °F
Sp2	98.2 °F
Sp3	84.1 °F
Sp4	83.4 °F
Sp5	203.2 °F
Sp6	97.4 °F
Sp7	83.3 °F

Geolocation

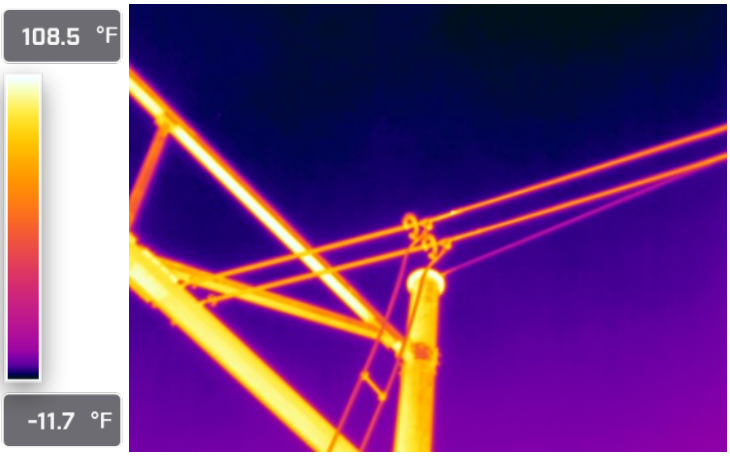
Compass degrees	

Issues and Actions Tracking

Item No.	5

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11/1/2026 4:43:29 PM



FLIR0517.jpg



79325415

Parameters

Emissivity	0.95
Distance	30.00 ft
Reflected temp.	68.0 °F
Atmospheric temp.	75.0 °F
Relative humidity	50.0%
Ext. optics temp.	68.0 °F
Ext. optics trans.	1.00

File information

File name	FLIR0517.jpg
File size	576 KB
Width	464
Height	348
Minimum temp.	-17.2 °F
Maximum temp.	111.4 °F

Camera information

Camera model	FLIR T540
Lens	FOL18 FOV24
Camera serial	79325415
Filter	
Range max.	248.0 °F
Range min.	-4.0 °F
Field of view	23.50

Measurements

Sp1	108.5 °F
Sp10	78.7 °F
Sp2	91.4 °F
Sp3	82.3 °F
Sp4	80.1 °F
Sp5	78.1 °F
Sp6	83.5 °F
Sp7	89.7 °F
Sp8	83.9 °F
Sp9	81.1 °F

Geolocation

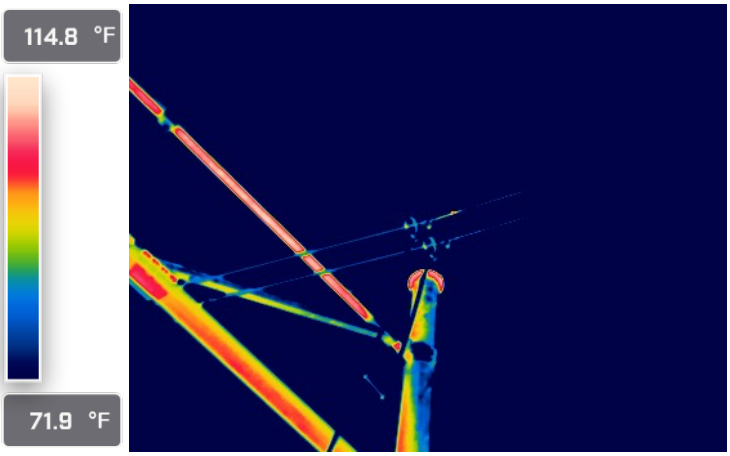
Compass degrees	0° N

Issues and Actions Tracking

Item No.	6

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11/1/2026 4:43:29 PM



FLIR1144 - tuned.jpg


79325415

Parameters

Emissivity	0.95
Distance	30.00 ft
Reflected temp.	68.0 °F
Atmospheric temp.	75.0 °F
Relative humidity	50.0%
Ext. optics temp.	68.0 °F
Ext. optics trans.	1.00

File information

File name	FLIR1144 - tuned.jpg
File size	551 KB
Width	464
Height	348
Minimum temp.	-17.2 °F
Maximum temp.	111.4 °F

Camera information

Camera model	FLIR T540
Lens	FOL18 FOV24
Camera serial	79325415
Filter	
Range max.	248.0 °F
Range min.	-4.0 °F
Field of view	23.50

Measurements

Bx1	
Max	108.5 °F
Avg	5.8 °F
Min	-9.8 °F

Geolocation

Compass degrees	0° N

Issues and Actions Tracking

Item No.	6

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11/1/2026 4:02:38 PM



FLIR0744.jpg



90206126

Parameters

Emissivity	0.95
Distance	29.98 ft
Reflected temp.	68.0 °F
Atmospheric temp.	75.0 °F
Relative humidity	50.0%
Ext. optics temp.	68.0 °F
Ext. optics trans.	1.00

File information

File name	FLIR0744.jpg
File size	979 KB
Width	640
Height	480
Minimum temp.	42.9 °F
Maximum temp.	101.1 °F

Camera information

Camera model	FLIR E96
Lens	FOL18DW FOV24
Camera serial	90206126
Filter	
Range max.	248.0 °F
Range min.	-4.0 °F
Field of view	24.10

Measurements

Sp1	101.1 °F
Sp2	81.2 °F

Geolocation

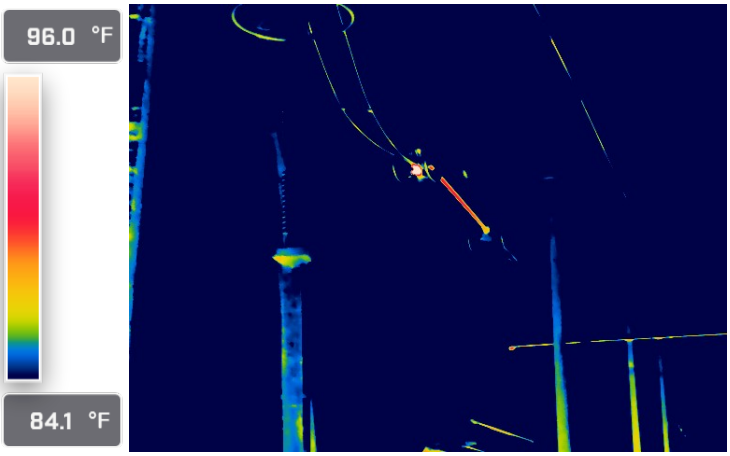
Compass degrees	0° N

Issues and Actions Tracking

Item No.	7

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11/1/2026 4:02:38 PM



FLIR0744 - tuned.jpg



90206126

Parameters

Emissivity	0.95
Distance	29.98 ft
Reflected temp.	68.0 °F
Atmospheric temp.	75.0 °F
Relative humidity	50.0%
Ext. optics temp.	68.0 °F
Ext. optics trans.	1.00

File information

File name	FLIR0744 - tuned.jpg
File size	979 KB
Width	640
Height	480
Minimum temp.	42.9 °F
Maximum temp.	101.1 °F

Camera information

Camera model	FLIR E96
Lens	FOL18DW FOV24
Camera serial	90206126
Filter	
Range max.	248.0 °F
Range min.	-4.0 °F
Field of view	24.10

Measurements

Bx1	
Max	101.1 °F
Avg	62.3 °F
Min	49.8 °F

Geolocation

Compass degrees	0° N

Issues and Actions Tracking

Item No.	7

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Acoustic Inspection

The acoustic inspection evaluated energized switchyard equipment during normal plant operation for indications of partial discharge and other abnormal acoustic activity. The inspection was performed using an acoustic imaging camera equipped with 124 microphones that detect and localize the distinct audible signatures associated with electrical discharge activity.

All applicable electrical equipment within the inspection scope was evaluated using the acoustic tester. Acoustic snapshots were captured only when a distinct noise signature was detected, allowing the documented observations to focus on equipment exhibiting measurable acoustic activity rather than producing a record of equipment with no detected indication.

The acoustic test equipment analyzes the captured signal and provides a visual representation of the sound source overlaid on the corresponding equipment image. This allows the detected acoustic activity to be localized to a specific component or area of interest. The equipment also develops an assessment based on the detected acoustic characteristics and user-provided inspection parameters, including system voltage, equipment type, and distance from the equipment.

A total of 10 acoustic observations were documented during the inspection. Of those, 3 observations were selected for inclusion in the Issues and Actions Plan based on their condition and maintenance relevance. The remaining observations are retained within the acoustic inspection record as supporting baseline information for future reference and comparison.

The following Acoustic Inspection Report provides detailed findings, acoustic imagery, equipment information, and supporting assessment data associated with the acoustic review.

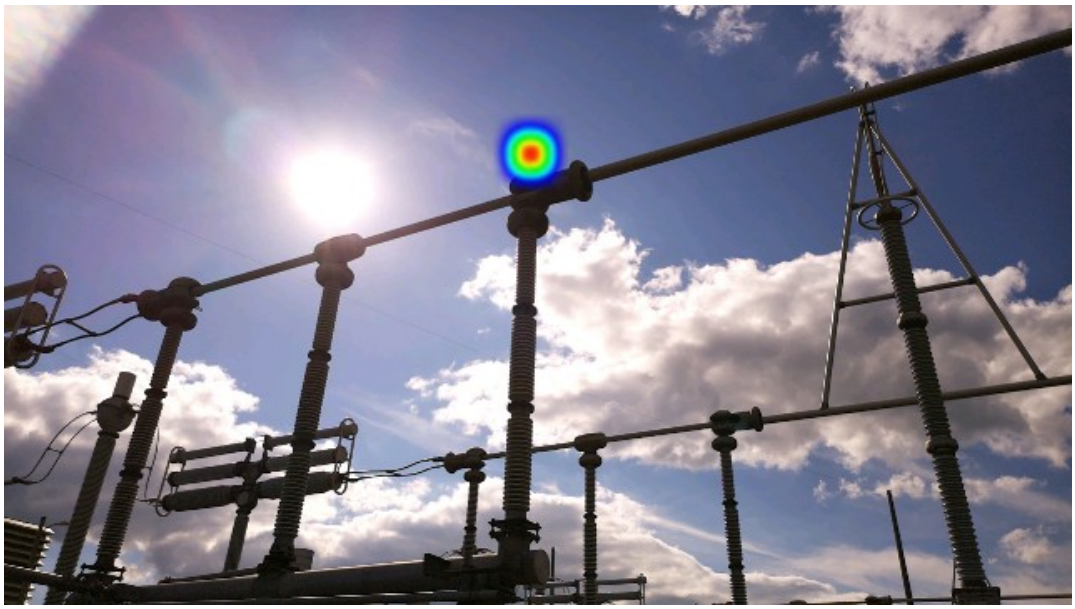
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Acoustic Camera Report

Snapshots	10
Minimum level	0.9 dB
Maximum level	31.5 dB

Site	XYZ Power
Inspector	Bryan Miller, RATTLIR

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Severity



Description

This is classified as corona, i.e., partial discharge into air. In most cases, corona is harmless.

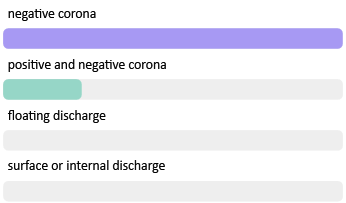
Recommendation

Typically no action required unless power loss, audible noise, electromagnetic interference, or deterioration of nearby polymer insulators is a problem.

Properties

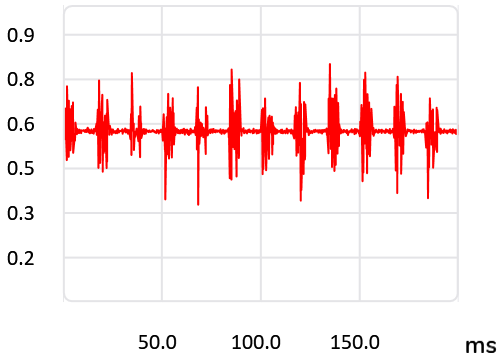
Measured dB	25.7 dB
Created	11/1/2026 5:02:33 PM
Camera serial	AC20D891
File name	AC0177
Distance	16.40 ft
Voltage	345 kV
Location	arcing horn
Label	D-10 Phase C

Partial discharge type



PRPD

Waveform



Issues and Actions Tracking

Item No. Inspection #	AC- 1

Comments

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Severity



Description

This is classified as corona, i.e., partial discharge into air. In most cases, corona is harmless.

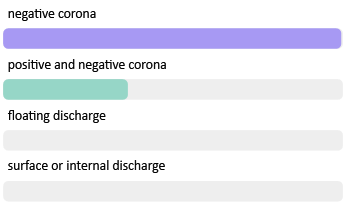
Recommendation

Typically no action required unless power loss, audible noise, electromagnetic interference, or deterioration of nearby polymer insulators is a problem.

Properties

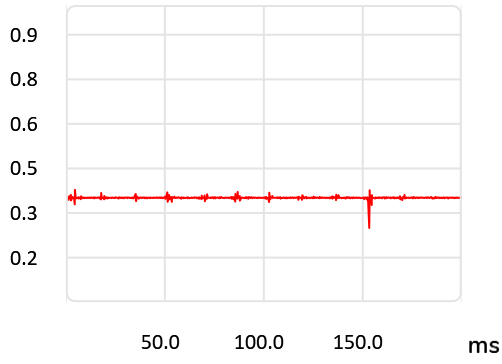
Measured dB	17.6 dB
Created	11/1/2026 1:53:07 PM
Camera serial	AC20D891
File name	AC0102
Distance	16.40 ft
Voltage	345 kV
Location	aerial cable
Label	ST 52-20 Phase A

Partial discharge type



PRPD

Waveform



Issues and Actions Tracking

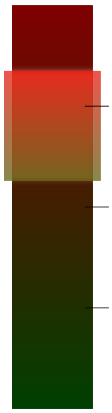
Item No. Inspection #	AC- 2

Comments

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Severity



Description

This is classified as a surface or internal discharge. The discharge appears to be strong and might rapidly escalate to complete insulation breakdown.

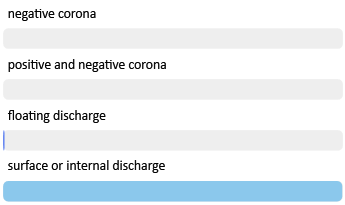
Recommendation

Immediate action. Visual inspection. Cleaning of polluted surfaces. Repair or replacement of the components.

Properties

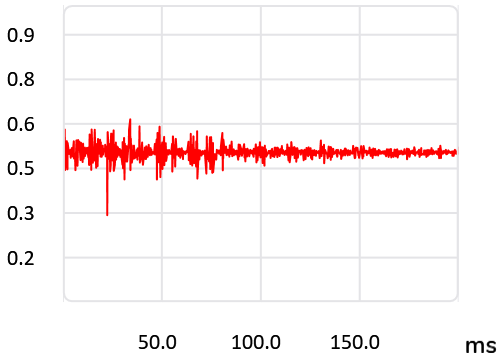
Measured dB	31.5 dB
Created	11/1/2026 4:45:04 PM
Camera serial	AC20D891
File name	AC0140
Distance	16.40 ft
Voltage	345 kV
Location	arcing horn
Label	D-10 Phase B

Partial discharge type



PRPD

Waveform

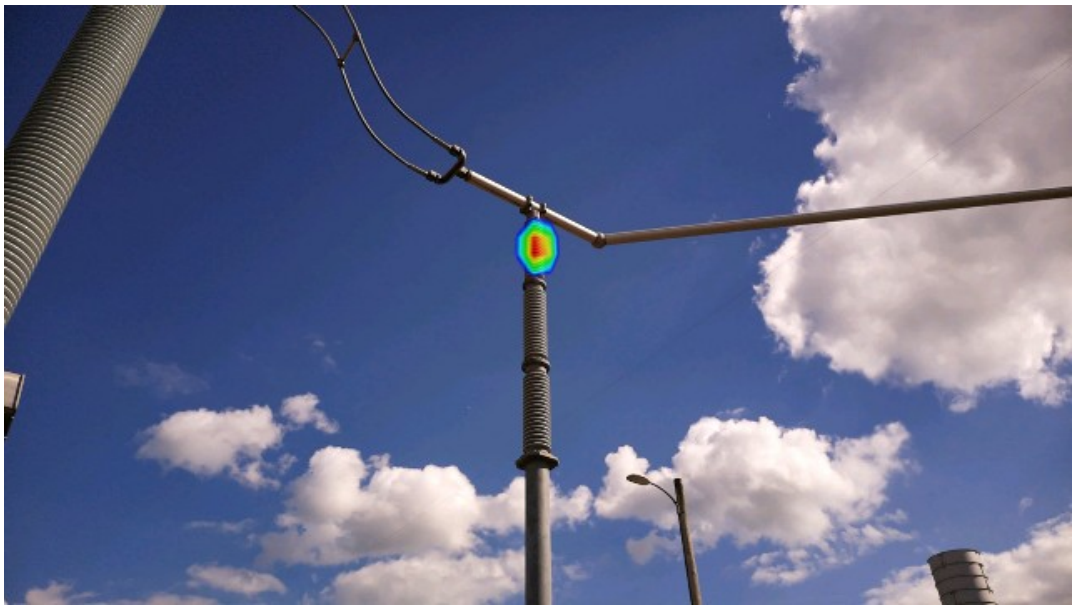


Issues and Actions Tracking

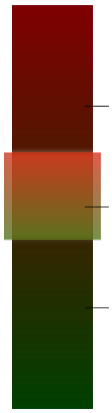
Item No.	4
Inspection #	AC- 3

Comments

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Severity



Description

This is classified as a surface or internal discharge. At this stage, the discharge appears to be of moderate strength. It will progress over time and lead to complete insulation breakdown.

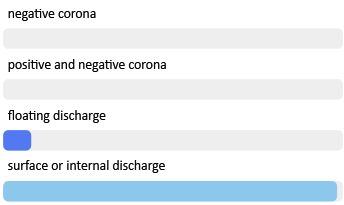
Recommendation

Visual inspection. Cleaning of polluted surfaces. Repair or replacement of damaged components.

Properties

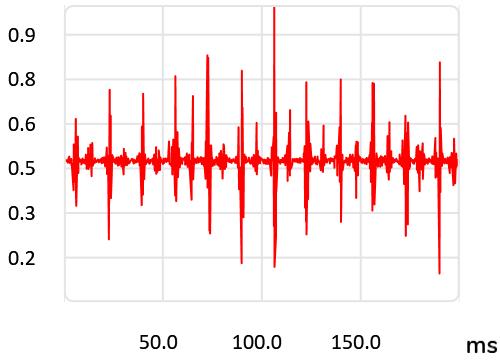
Measured dB	12.3 dB
Created	11/1/2026 4:46:20 PM
Camera serial	AC20D891
File name	AC0117
Distance	16.40 ft
Voltage	345 kV
Location	support insulator
Label	ST GSU Phase A

Partial discharge type



PRPD

Waveform

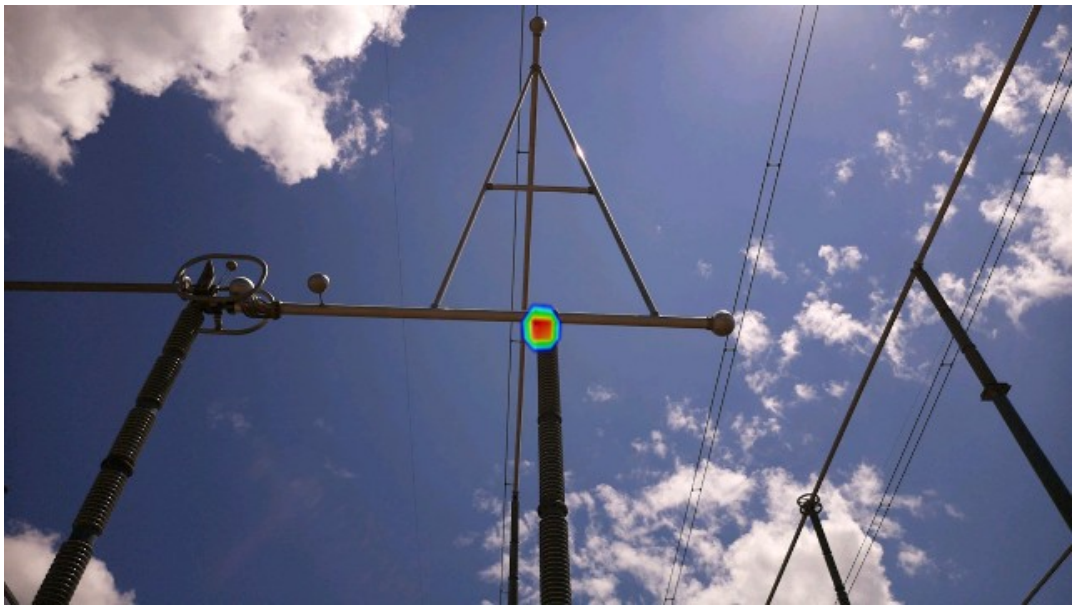


Issues and Actions Tracking

Item No.	8
Inspection #	AC- 4

Comments

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Severity



Description

This is classified as corona, i.e., partial discharge into air. In most cases, corona is harmless.

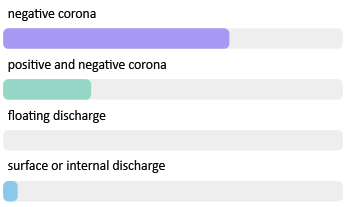
Recommendation

Typically no action required unless power loss, audible noise, electromagnetic interference, or deterioration of nearby polymer insulators is a problem.

Properties

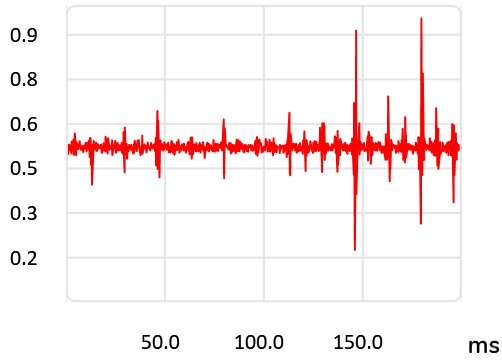
Measured dB	3.8 dB
Created	11/1/2026 1:45:55 PM
Camera serial	AC20D891
File name	AC0093
Distance	16.40 ft
Voltage	345kV
Location	support insulator clamp
Label	D-10 Phase A

Partial discharge type



PRPD

Waveform



Issues and Actions Tracking

Item No.	
Inspection #	AC- 5

Comments

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Severity



Description

This is classified as corona, i.e., partial discharge into air. In most cases, corona is harmless.

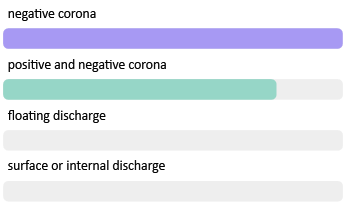
Recommendation

Typically no action required unless power loss, audible noise, electromagnetic interference, or deterioration of nearby polymer insulators is a problem.

Properties

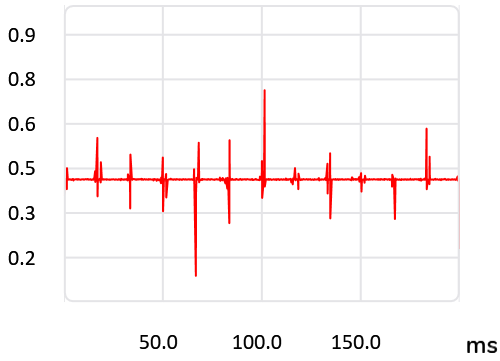
Measured dB	18.7 dB
Created	11/1/2026 5:33:09 PM
Camera serial	AC20D891
File name	AC0041
Distance	16.40 ft
Voltage	345 kV
Location	cable
Label	D-10 Phase C Outgoing

Partial discharge type



PRPD

Waveform

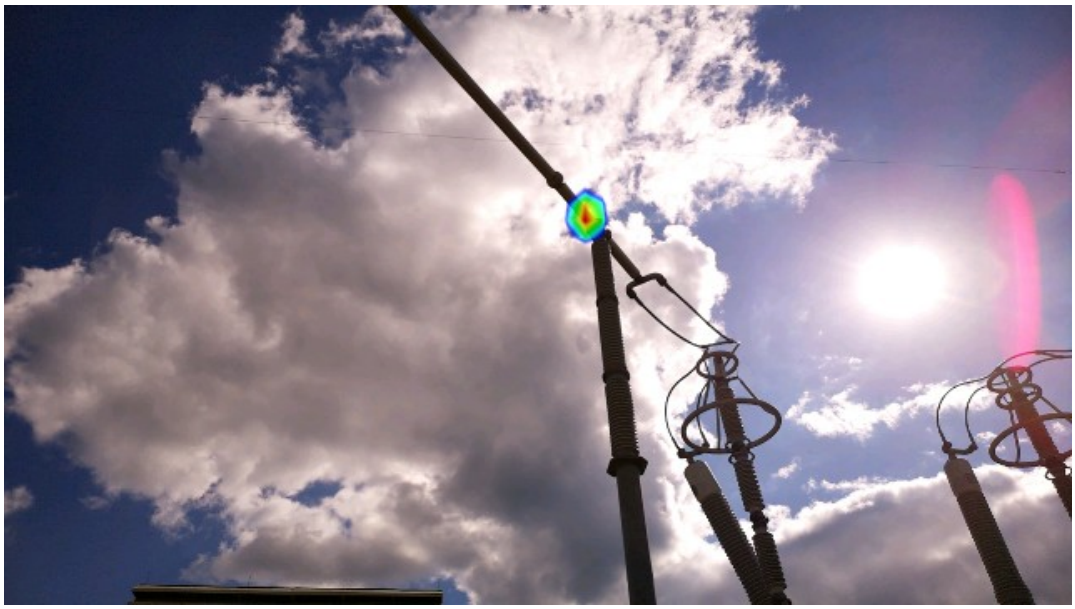


Issues and Actions Tracking

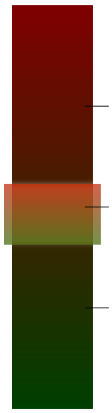
Item No. Inspection #	AC- 6

Comments

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Severity



Description

This is classified as a surface or internal discharge. At this stage, the discharge appears to be relatively weak, but it will progress over time and might eventually lead to complete insulation breakdown.

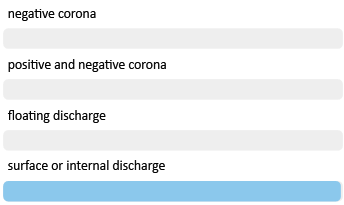
Recommendation

Periodic inspection.

Properties

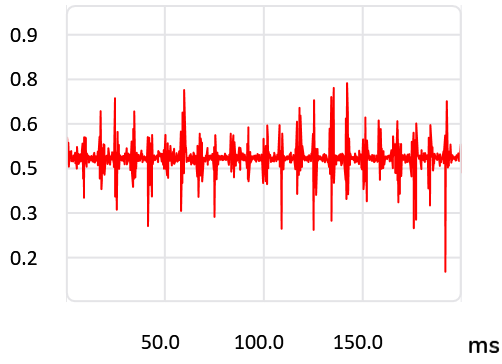
Measured dB	12.6 dB
Created	11/1/2026 4:46:38 PM
Camera serial	AC20D891
File name	AC0128
Distance	16.40 ft
Voltage	345 kV
Location	support insulator clamp
Label	D-20 Phase C

Partial discharge type



PRPD

Waveform



Issues and Actions Tracking

Item No.	9
Inspection #	AC- 7

Comments

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Severity



Description

This is classified as corona, i.e., partial discharge into air. In most cases, corona is harmless.

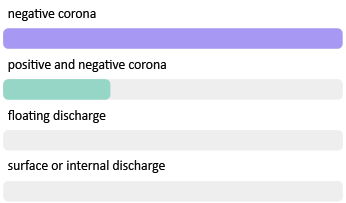
Recommendation

Typically no action required unless power loss, audible noise, electromagnetic interference, or deterioration of nearby polymer insulators is a problem.

Properties

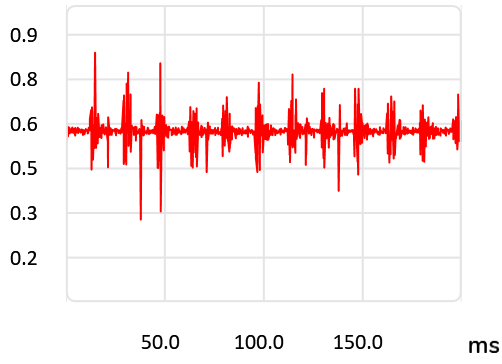
Measured dB	4.9 dB
Created	11/1/2026 5:50:36 PM
Camera serial	AC20D891
File name	AC0055
Distance	82.02 ft
Voltage	345 kV
Location	cable termination
Label	Tower 1 Phase A

Partial discharge type



PRPD

Waveform



Issues and Actions Tracking

Item No. Inspection #	AC- 8

Comments

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Severity



very high

high

medium

low

Description

Corona produces ozone and corrosive chemical compounds that damage nearby organic materials such as polymer insulators.

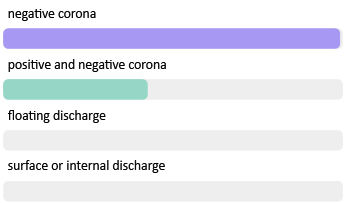
Recommendation

Installation or upgrade of corona rings. Visual inspection of polymer insulator condition.

Properties

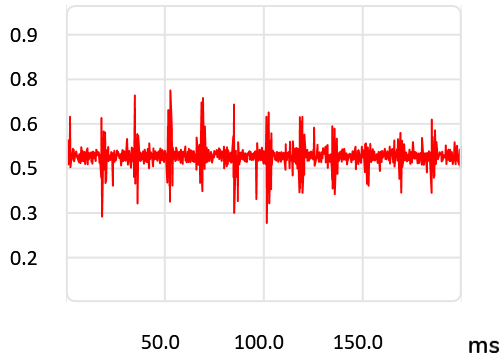
Measured dB	0.9 dB
Created	11/1/2026 11:06:20 AM
Camera serial	AC20D891
File name	AC0064
Distance	16.40 ft
Voltage	345 kV
Location	polymer suspension insulator
Label	Tower 2 Phase C

Partial discharge type



PRPD

Waveform



Issues and Actions Tracking

Item No.	
Inspection #	AC- 9

Comments

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Severity



Description

This is classified as corona, i.e., partial discharge into air. In most cases, corona is harmless.

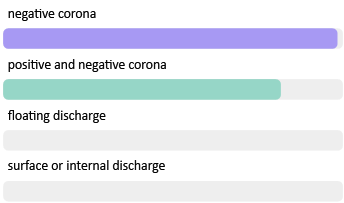
Recommendation

Typically no action required unless power loss, audible noise, electromagnetic interference, or deterioration of nearby polymer insulators is a problem.

Properties

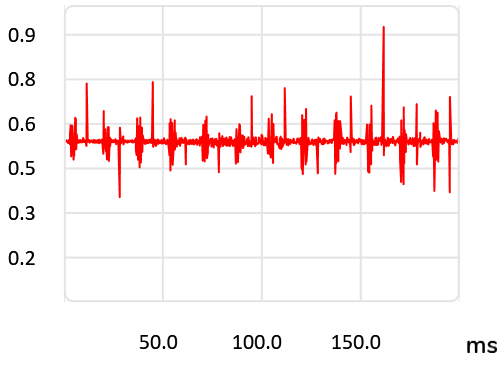
Measured dB	8.9 dB
Created	11/1/2026 5:49:46 PM
Camera serial	AC20D891
File name	AC0054
Distance	82.02 ft
Voltage	345 kV
Location	cable termination
Label	Tower 1 Phase A

Partial discharge type



PRPD

Waveform



Issues and Actions Tracking

Item No.	
Inspection #	AC- 10

Comments

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Aerial Visual Inspection

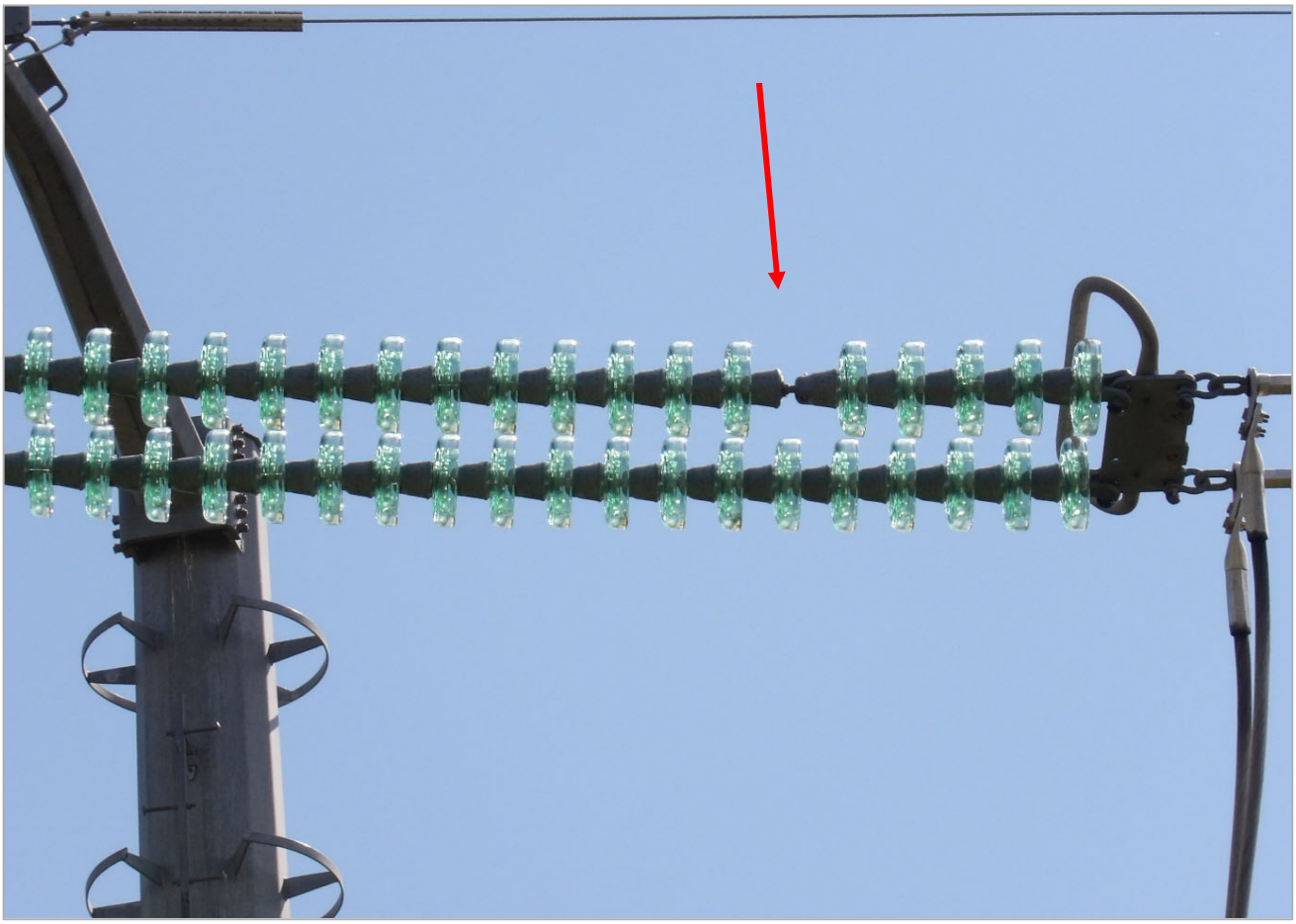
The aerial visual inspection evaluated elevated electrical components and associated mounting and securing hardware that could not be fully assessed from ground level. The inspection focused on identifying visible conditions affecting equipment integrity, attachment, alignment, and general physical condition.

Elevated transmission components were inspected, including insulator assemblies and associated mechanical hardware. The generator step-up transformers (GSUs) were inspected from elevated viewpoints to assess upper surfaces and components that are not readily visible during routine ground-level walkdowns.

Aerial thermal images were also captured during the inspection and are included in the turnover package as supplemental inspection documentation. All quantitative differential temperature (ΔT) data and thermal condition classifications presented in this report were derived from radiometric imagery captured with the handheld thermal imaging camera.

Visual observations requiring maintenance consideration or follow-up were incorporated into the Issues and Actions Plan. The following images correspond to the aerial visual findings identified in that plan. The complete aerial image set is included as part of the inspection turnover package and is available for additional review and future reference.

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File information	
File name	IMG_EO-045
Location	Transmission Tower 1 C Phase

Issue and Action Tracking	
Inspection #	V-1
Item No.	10

Comments

A glass insulator disc on the dual 500 kV insulator string appears to be broken, leaving a visible gap in the insulator assembly. The condition is not consistent with the adjacent discs.

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File information	
File name	IMG_EO_076
Location	Tower 2 Guy Cable

Issue and Action Tracking	
Inspection #	V-2
Item No.	11

Comments

The ground cable from the guy cable suspension block to the frame appears to be broken at the structure connection.

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Certifications and Calibration Documentation

The following documentation is provided to support the qualifications and instrumentation used during the inspection. Included records consist of the applicable Level II thermography certification and current calibration documentation for the inspection equipment used to collect and evaluate the reported data.

These records are included for reference and to document the training and equipment verification applicable to the inspection.

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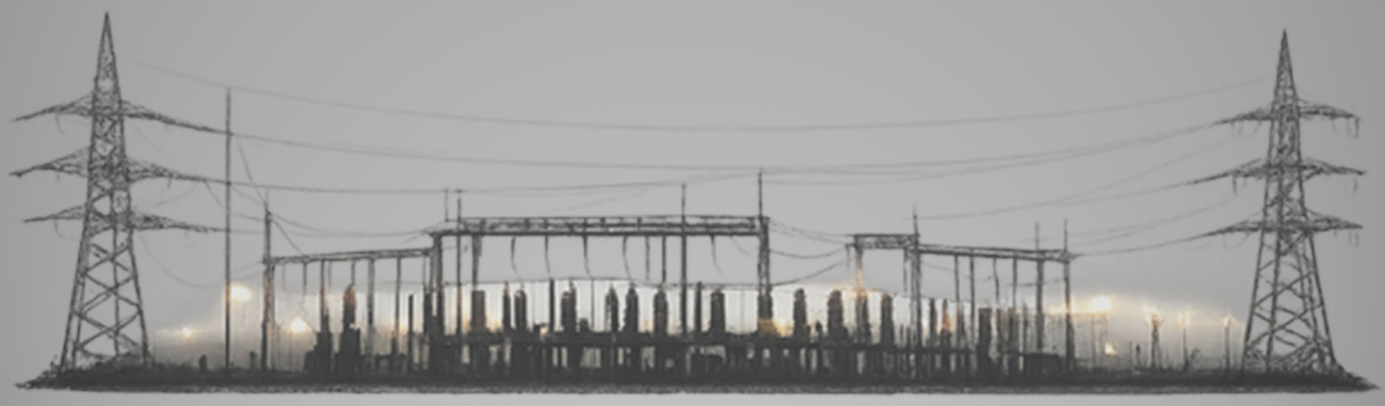
See the Heat Before It Burns. Strike Before It Bites.

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