



OFFICE OF AUDITOR OF STATE
STATE OF IOWA

Rob Sand
Auditor of State

State Capitol Building
Des Moines, Iowa 50319-0004
Telephone (515) 281-5834

September 11, 2025

Kristi Onstot
Executive Council
L O C A L

Subject: Damages to Equipment at Network Operations Center at Iowa National Guard
Joint Forces Headquarters due to Storms on May 16, 2025
Iowa Communications Network (ICN)
Claim dated August 7, 2025
AOS Claim ID: 4136

In accordance with Executive Council policy, we have examined the claim for 29C.20 funds for the above-mentioned damage. It is our conclusion that the above-mentioned damage incurred by the Iowa Communications Network (ICN) is covered by Chapter 29C.20 of the Code of Iowa. The amount requested may include costs that will be covered by a monthly maintenance contract for technician services that are not additional expenses to ICN. The actual claim for reimbursement should only be for expenses that exceed the technician hours per the maintenance agreement.

Therefore, we recommend an Executive Council allocation for the requested amount of \$202,499.00, subject to audit of actual invoices and supporting documentation and demonstration that no costs covered by the maintenance contract have been included.

Sincerely,

A handwritten signature in black ink, appearing to read "Brian R. Brustkern".

Brian R. Brustkern, CPA
Deputy Auditor of State

cc: Ryan Mulhall, Executive Director, ICN
Kammy McHone, Finance Division, ICN
Dave Augspurger, Operations Division, ICN
Heather Hackbarth, Department of Management



August 7, 2025

Ms. Kristi Onstot
Executive Secretary
Executive Council of Iowa
State Capitol

Re: Emergency Allocations of Funds

Dear Ms. Onstot,

On or about June 10, 2025 the Iowa Communications Network (ICN) received notification of issues with equipment that caused physical damage to ICN Communications equipment in Johnston, Iowa on May 16, 2025. An email was sent to the Office of the Auditor of State and the Executive Council. This letter represents a claim for \$202,499.00 in accordance with Chapter 29C.20 of the Code of Iowa for an emergency allocation of funds to repair damages sustained. Paid invoices will be included upon completion of repairs.

It was determined ICN equipment was damaged due storm damage at Iowa National Guard Joint Forces Headquarters in Johnston, IA in Polk County. Enclosed are the damage assessment and cost estimate to restore that damaged equipment to normal operating condition.

If you have any questions regarding this claim, please call my office at 515-725-4666.

Sincerely,

Ryan Mulhall
Executive Director

cc: Office of Auditor of State (Tammy Hollingsworth)
ICN Operations Division (Dave Augspurger)
ICN Finance Division (Kammy McHone)

August 7, 2025

Rectifier Damage: Iowa, Joint Forces Headquarters (JFHQ, Camp Dodge) – 6100 NW 78th, Johnston, IA 50131 – Polk County – Rectifier Damage report on Generator on 6/10/25.

Incident # INC0066248:

On June 10, 2025, one of ICN's Network Maintenance Engineers, notified ICN management of issues with the rectifiers at our network hub at JFHQ. He advised that the cause was determined to be related to electrical storms on May 16, 2025.

On May 16, 2025, our Network Operations Center received alarms indicating major faults on our main power connectors on our rectifiers. A technician was dispatched and worked with our Network Facilities Engineer. They found several rectifier slots did not appear to be getting AC power. They started to work with ICN's power equipment vendor, Hubill Power to resolve the issue.

Since then, our technician has learned that other buildings on Camp Dodge had also experienced power related problems. The technician had heard that a piece of National Guard equipment in building S-70 on Camp Dodge had melted during the storm. The technician also remembered driving through heavy thunderstorms on his way to JFHQ. This led our Network Facilities Engineer to suspect the sudden damage of our rectifiers was due to a weather-related incident.

Unfortunately, due to the nature of electrical storms/lightning strikes, it is not always easy to determine immediately that hazardous weather was involved. In this case, we know there were heavy thunderstorms during the incident and we discovered that other Camp Dodge facilities were impacted.

After extensive testing and troubleshooting, we have developed, with the help of Hubill Power Systems, an estimate.

ICN is requesting the Estimated Costs

THE ESTIMATED COSTS* FOR LABOR AND REPAIR OF EQUIPMENT:

ESTIMATE FROM HUBILL for DC Power System and rectifiers: \$91,463.00

Additional estimated expenses not included in Hubill's estimate:

Equipment shipping:	\$2,000.00
Remote Monitoring Software:	\$2,000.00
Installation of Cables/Lugs:	\$58,916.00
Removal of old Titian Rectifier:	\$10,000.00
Electrical Wiring:	\$ 8,000.00
New Electrical Breakers:	\$ 4,800.00
Removal of Existing Guardian Chassis & Rectifiers:	\$15,000.00

Electrician Labor: \$10,320.00

TOTAL (Parts/Labor)*: \$ 202,499.00

***Note: The estimated costs do not take in account potential prices changes due to tariffs.**

Victoria Harris
VICTORIA HARRIS
TELECOMMUNICATIONS SPECIALIST SR.

8/7/25
DATE



Boswell, RD <rd.boswell@iowa.gov>

FW: Here it is! Budgetary ICN Eltek Bulk DC Power

Brian G. Klinefelter <BKlinefelter@hubill.com>

Tue, Aug 5, 2025 at 8:46 AM

To: "rd.boswell" <rd.boswell@icn.state.ia.us>

Here you go.



Serving our customers for more than 69 years! (1956-2025)

bklinefelter@hubill.com www.Hubill.com

Office (563)324-9147 Ext 105, Fax (563)324-1626 Mobile (563) 349-2539

1025 W 2nd Street, Davenport, IA 52802

From: Dave Swaim <DSwaim@hubill.com>

Sent: Monday, August 4, 2025 3:06 PM

To: Brian G. Klinefelter <BKlinefelter@hubill.com>

Subject: Here it is! Budgetary ICN Eltek Bulk DC Power

Importance: High

Brian,

Here is our budgetary quote for equipment only, as follows (data sheets attached):

- **\$91,463.00 for the following:**
 - **(1) 2,750 Amp DC Eltek Bulk Power System, rear cables feed (top feed option available)**
 - **(24) 125 Amp 3 phase Rectifiers (3,000A N+2)**
 - **Rectifiers: 208 VAC 3 Phase AC Input**
 - **10-14 weeks lead time**
 - **Prices includes current tariffs, subject to potential change by US when it ships**
 - **Remote Monitoring NOT included (available)**
 - **Installation and Cables/Lugs/etc price NOT included in this quote**



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DSwaim@hubill.com www.Hubill.com

Mobile (317)441-7755, Fax (563)324-1626

410 N. US31, Whiteland, IN 46184

2 attachments



2,750A Gen5 Scalable System Datasheet.pdf

1900K



DPR-6000B 125A 3 Phase Rectifier Datasheet.pdf

388K

8-5-25 - ESTIMATE FROM HUBILL - ONLY for Eltek Bulk Power System Chassis & Rectifiers			
	(1) 2,750 Amp DC Eltek Bulk Power System , rear cables feed (top feed option available) - 3 Cabinet System	\$91,463.00	
	(24) 125 Amp 3 phase Rectifiers (3,000A N+2) - DPR 6000B Rectifiers - 6KW Each @ 48V Rectifiers: 208 VAC 3 Phase AC Input	Included	
	Prices includes current tariffs, subject to potential change by US when it ships	Included	
	Current Shipping Estimate - 10-14 weeks lead time	NA	
	NOT INCLUDED IN THE ABOVE ESTIMATE Info below includes Removal of - ---- Existing Titian II Rectifier Cabinet & Connections ---- Existing Gardian Rectifier Cabinet & Connections		
	Equipment Shipping (From China??) - Estimated	\$2,000.00	
	Remote Monitoring NOT included (available) - Estimated	\$2,000.00	
	Hubill - Installation and Cables/Lugs/etc price NOT included in this quote - Estimated	\$58,916.00	
	Removal of Old Titian Rectifier , AC Electrical, & DC Power Connections and Conduits, May include multiple Vendors - Estimated	\$10,000.00	
	Connect Eltek Rectifier - Electrician Labor - Estimated 2 Men X 8 Hrs X 4 Days =64 @ \$120/Hr 2 Men X 8 Hrs X 1 Night =16 @ \$165/Hr	\$10,320.00	
	Connect Eltek Rectifier - Electrician Wiring - Estimated Install 6 - 150 Amp, 208 Volts, 3Ø circuits, breakers and conduit, make connections in New Eltek. *In 208/240 VAC systems, each input feed powers six (6) rectifiers. **We should have the option for more Connections and Lower Sized Breakers for more Redundacy. Not Priced.	\$8,000.00	
	New Electrical Breakers - Estimated EP1 - Three 150 Amp Breaker @ \$800/ea EP2 - Three 150 Amp Breaker @ \$800/ea **We should have the option for more Connection and Lower Sized Breakers for more Redundacy. Not Priced.	\$4,800.00	
	Removal of Existing Guardian Chassis & Rectifiers - Remove AC Power, DC Power, Conduits, Chassis Will require Multiple Vendors	\$15,000.00	
	Estimated Total:	\$202,499.00	



McHone, Kammy <kammy.mchone@iowa.gov>

Rectifier Damage: 6100 NW 78th, Johnston, IA 50131 (Polk County)(INC0066248)

Harris, Victoria <victoria.harris@icn.state.ia.us>

Wed, Jun 11, 2025 at 4:13 PM

To: Executive Council group email <ExecutiveCouncil@tos.iowa.gov>, Dana Davis <dana.davis@aos.iowa.gov>, Tammy Hollingsworth <Tammy.Hollingsworth@aos.iowa.gov>

Cc: ICN Executive Council Notice <ICNExecutiveCouncilNotice@iowa.gov>, Connor Kuehl <connor.kuehl@icn.state.ia.us>, Greg Dorrell <greg.dorrell@icn.state.ia.us>, RD Boswell <rd.boswell@icn.state.ia.us>

I received an email yesterday from RD Boswell, an ICN Network Maintenance Engineer, regarding storm damage from May 16, 2025 and would like to notify the Executive Council of a potential claim. According to technicians, they just recently determined that the power problems at our Network Operation Center at the Iowa National Guard Joint Forces Headquarters (JFHQ) may have been related to electrical storms on May 16, 2025.

On May 16, 2025, our Network Operations Center received alarms indicating major faults on our main power connectors on our rectifiers. A technician was dispatched and worked with our Network Facilities Engineer. They found several rectifier slots did not appear to be getting AC power. They started to work with ICN's power equipment vendor, Hubill Power to resolve the issue.

Since then, our technician has learned that other buildings on Camp Dodge had also experienced power related problems. The technician had heard that a piece of National Guard equipment in building S-70 on Camp Dodge had melted during the storm. The technician also remembered driving through heavy thunderstorms on his way to JFHQ. This led our Network Facilities Engineer to suspect the sudden damage of our rectifiers was due to a weather-related incident.

Unfortunately, due to the nature of electrical storms/lightning strikes, it is not always easy to determine immediately that hazardous weather was involved. In this case, we know there were heavy thunderstorms during the incident and we discovered that other Camp Dodge facilities were impacted.

The Network Maintenance Engineer is working with Hubill Power to perform additional testing on the rectifier chassis to determine if issues with the rectifiers could have been caused by a weather-related power issue.

Please open a potential claim for weather-related storm damage to our equipment.

V/r,

Vicki

Vicki Harris**Telecom. Specialist Sr. | NOC Lead**

Facilities

Iowa Communications Network

400 East 14th Street Des Moines, IA 50319

Office: 515-725-4722

**Iowa Communications
Network**

If you are having a service issue, please contact the ICN Service Desk at 515-725-4400. To quickly open a Case with us (Question or Issue), login to the [ICN Customer Portal](#).

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