



Electric Power, Inc.

1351 WEST HUNDRED ROAD
CHESTER, VIRGINIA 23836

Phone: (804) 778-7735

Fax: (804) 778-7278

GENERAL SERVICES ADMINISTRATION

Federal Supply Service

Authorized Federal Supply Schedule Price List

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through GSA Advantage!, a menu-driven database system.

The INTERNET address GSA Advantage! Is: GSAAdvantage.gov

Schedule Title: Schedule 03FAC

FSC Group, Part, and Section or Standard Industrial Group: Facilities Maintenance and Management

Contract Number: GS-06F-0088S

For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at fss.gsa.gov

Contract Period: June 21, 2006 through June 20, 2016

Contactor's Name, Address, and phone number:

Electric Power, Inc.

1351 West Hundred Road

Chester, VA 23836

Phone: 804-778-7735

Toll Free: 888-222-7964

Fax: 804-778-7278

Web Site: www.elecpwr.com

Business Size: Small Business

CUSTOMER INFORMATION

1a.. SIN 811-004 item description found on page 3 and price list on pages 4&5

SIN 811-004 item description found on pages 7-9 and price list found on page 65

SIN 003-100 item description and price list found on page 10

1b. See pages 4, 5, and 6 of catalog

1c. See page 5 of catalog

2. SIN 811.004 maximum order of \$1,000,000.00

SIN 003-100 maximum order of \$1,000,000.00

3. SIN 811-004 Low and Medium Voltage breakers minimum order 1

SIN 811-004 Time and Material rates minimum order of 1 hour.

4. Not applicable

5. Chester, Virginia USA

6. Prices Shown Herein are NET (discount deducted)

7. Additional 2% discount on quantity of 10 or more breakers.

8. Discount 1% 10 days

9a. Government purchase cards are accepted

9b. Government purchase cards are accepted

10. Not applicable

11a. Time and material 1 week

Breaker retrofit 2-8 weeks

11b. Items available for expedited delivery are noted in this price list.

Time and Material 24 hours for labor not including travel.

Breakers 2-10 days after receipt of material.

11c. Overnight and 2-day delivery available. Schedule customer must call for rates.

11d. Urgent requirements: Schedule customer must call for confirmation.

12. F.O.B. Point: Shipping Point

13a. Ordering Address: Electric Power, Inc.
1351 West Hundred Road
Chester, VA 23836
USA

13b. Ordering procedures: See FAR 8.405-3

14. Payment Address: Electric Power, Inc.
P.O. Box 2009
Chester, VA 23831
USA

15. Warranty provision: 1 Year

16. Export packing charges: Not applicable

17. Terms and condition of Government purchase card acceptance: Not applicable

18. Terms of rental, maintenance, and repair: see page 6 of catalog

19. Terms and conditions of installation: Time and Material rates per page 5 of catalog.

20. Not applicable

20a. Not applicable

21. Service and distribution points:

Service any government facility

Distribution from Chester, VA USA

22. List of participating dealers: Not applicable

23. Preventive maintenance: See catalog pages 1 and 2

24a. Not applicable

24b. Not applicable

25. DUNS: 626147706

26. Central Contractor Registered

Power System Studies

Fault and Coordination Studies

EPI provides fault and coordination studies to confirm that the appropriate equipment is selected. Fuse sizes and breaker settings are coordinated to assure minimum plant disruption in the event of a fault.

Harmonic Studies

EPI performs predictive studies and investigations as to the effects of harmonics on a power system when harmonics-creating equipment is added. By predicting the harmonics, EPI can recommend ways to minimize the harmful effects. Once the equipment is online, actual harmonic measurements can be taken to ensure proper operation.

Load Studies

For existing facilities wishing to expand, EPI can perform load studies to determine where the new loads may be added to the power system.

Arc Flash Studies

EPI provides analysis of arc flash energy at panelboards, switchgear and motor control centers. EPI also provides labeling of electrical equipment per NFPA 110.16.

Life Cycle Extension Programs

Most switchgear reaches its end of service life due to the circuit breakers and protective relays within it becoming unreliable. We can greatly extend the service life of most switchgear with circuit breaker overhauls, circuit breaker retrofits, and protective relay system modernization.

Circuit Breaker Overhauls

The circuit breaker is disassembled cleaned and inspected. Parts are recoated and repainted as appropriate. Worn parts are replaced and the breaker is tested to verify proper mechanical operation and calibrated per supplied coordination study settings.

Circuit Breaker Retrofits

The overload tripping devices on low voltage breakers are replaced with modern state of the art trip units. In many cases a ground fault anywhere on a 480 volt system will cause the main circuit breaker to trip since ground fault is only required there. Our trip units come with LT, ST, Inst, and GF standard so ground faults are cleared at the feeder breaker level instead of at the main breaker. In addition modern trip units have communication options so remote monitoring of load and tripping is possible.



Protective Relay Systems

Many protective relay systems use electro-mechanical relays. With age they become less reliable. These can be replaced with modern electronic relays to provide better reliability, extended functionality, and remote monitoring.

Electrical Testing

System and component testing is the heart of Electric Power Inc. Companies invest fortunes in their power system upgrades or installations, and therefore depend on EPI to test and advise them before they throw the first switch. With multiple companies involved on a single project, EPI can evaluate the overall power system to verify system performance.

Switchgear

Switchgear is the heart of any system. EPI inspects and tests switchgear for loose connections, degraded materials and proper operation. EPI has a long history of detecting and solving problems with switchgear and can draw from a large on-site supply of materials to provide a quick solution when problems are found.

Circuit Breakers

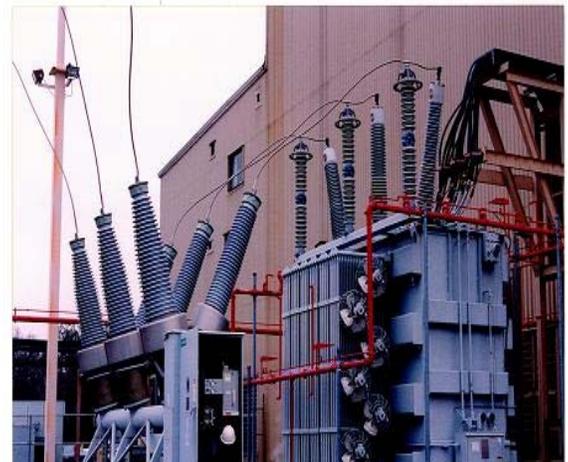
EPI provides primary injection and secondary injection of circuit breakers and calibrates the breakers to the proper settings per the customer provided coordination study.

Protective Relaying and Controls

EPI provides testing of protective relays and complete relaying systems. This is one of the most crucial services that EPI can provide prior to start-up. Modern control schemes are far more complex than they were only a decade ago. By reviewing submittals and testing relay systems, errors can be detected before they endanger personnel and plant equipment.

Transformers

EPI thoroughly inspects all kinds of transformers (both dry and liquid-filled) with tests such as power factor (Doble), capacitance, winding resistance and ratio, insulation resistance and various oil analyses for liquid-filled transformers. EPI can provide oil processing for filling of new transformers and degassing of aged transformers. EPI can replace mineral oil in transformers with **biodegradable** vegetable oil eliminating the possibility of a hazardous spill from a leaking transformer.



Switches

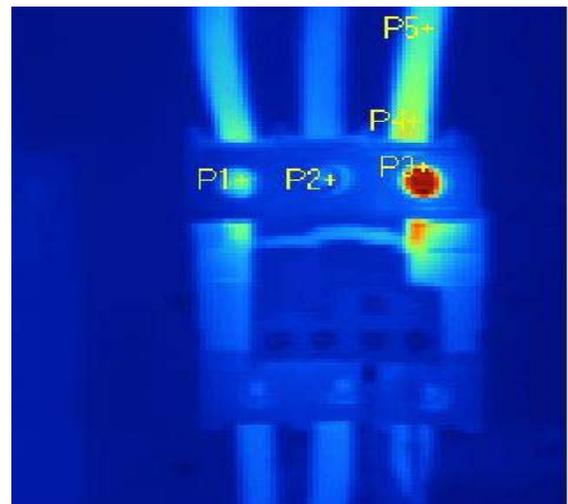
Most sites introduce power through a high voltage switch. EPI can ensure the integrity of the switch via a battery of tests including: contact resistance, over-potential, and insulation resistance.

Maintenance Services

Planned outages are excellent times for EPI to perform regular maintenance such as electrical testing and calibration of components to ensure maximum reliability of power systems throughout the year.

Infrared Surveys

Regular use of infrared surveys can detect heating caused by loose connections or bad contacts before these problems cause costly shutdowns and extensive repairs become necessary.





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LOW OR MEDIUM VOLTAGE BREAKERS SCOPE OF WORK

RECEIVAL INSPECTION:

1. Incoming inspection will consist of verification for proper mechanical and electrical operation, results will be recorded. Control circuit insulation resistance (megger) and contact resistance of Primary Contacts will be tested and results recorded.
2. The unit will be inspected for physical damage; parts that will incur additional cost for replacement will be recoded. A quotation will be issued before any additional work is performed.

DISASSEMBLY:

1. The breaker will be disassembled into its component parts. All parts will be inspected for wear and physical damage.
2. Operating mechanism will be disassembled, thoroughly cleaned, inspected for worn or damaged parts. Mechanism components will be stripped and plated.
3. Mechanism bearings will be inspected and replaced if required. Bearing replacement if required will be invoiced in addition to quoted reconditioning base price as a replacement part.
4. Primary finger clusters will be disassembled, cleaned, and inspected for worn or damaged parts.
5. Main current carrying assemblies will be disassembled, cleaned and vibratory polished. They will be silver plated as required.
6. The circuit breaker frame and other steel parts will be cleaned, stripped, and inspected for worn or damaged areas. The frame will then be plated or painted as needed.
7. All electrical device coils will be cleaned.
8. Spring Charging motor will be cleaned, brushes replaced, and undergo a standard inspection.
9. Arc chutes will be removed, cleaned with a HEPPA vacuum, and inspected for damage.
10. Control wiring will be removed, cleaned, and replaced with a similar type that meets or exceeds the original equipment specifications.
11. Insulating components such as phase barriers will be cleaned, inspected, and sealed with an electrical grade clear coat.

REASSEMBLY:

1. Breaker frame will be re-assembled.
2. Operating mechanism will be re-assembled and lubricated.
3. The mechanism will be installed in the circuit breaker frame and completely adjusted according to the original manufacturer's specifications.
4. The contact assemblies will be assembled, installed, and adjusted to the original manufacturer's specifications.
5. Current carrying components will be lubricated with an electrical lubricant.
6. The racking mechanism will be re-assembled and inserted into the frame.
7. The breaker will be wired and all electrical components will be installed.
8. Electrical accessories will be adjusted to meet their specifications.
9. Apply new labels as required.
10. All new hardware will be used for re-assembly.

TESTING AND FINAL INSPECTION:

1. The breaker will be doctored to verify proper contact resistance.
2. The breaker will be meggered and Hi-pot tested for proper insulation resistance (5 & 15KV Only).
3. Electrically operated breakers will have each device tested for proper operation and pick-up.
4. The auxiliary switch will be tested for proper sequencing of contacts.
5. The breaker will be operated a minimum of 20 times.
6. The operation of the interlock will be checked.
7. Verify operation of visual indicators.
8. Trip circuit operation will be verified and recorded.
9. Primary current injection to test all functions of overload trip devices (480 VAC Only).
10. Test and final inspection results will be documented and attached to the breaker for shipment.
11. The breaker test data will be entered into our data base for future predictive maintenance.
12. The breaker will be placed in a special shipping container for safe transportation.

ALL ADDITIONAL WORK/COSTS WILL REQUIRE APPROVAL

GSA SIN 811-004

Low voltage

Manufacturer	Model	Amp/Voltage	Retrofit & Test	Retrofit & Overhaul
GE	AK-25	600/600	\$ 4,166.94	\$ 7,097.23
	AK-30	800/600	\$ 4,166.94	\$ 7,742.44
	AK-50	1600/600	\$ 4,435.77	\$ 8,387.64
	AK-75	3200/600	\$ 4,839.02	\$ 9,290.93
	AK-100	4000/600	\$ 5,107.86	\$ 9,807.09
	AKR-30	800/600	\$ 4,166.94	\$ 7,097.23
	AKR-50	1600/600	\$ 4,435.77	\$ 8,387.64
	AKR-75	3200/600	\$ 4,839.02	\$ 9,290.93
	AKR100	4000/600	\$ 5,107.86	\$ 9,807.09

Manufacturer	Model	Amp/Voltage	Retrofit & Test	Retrofit & Overhaul
ITE/BBC/ABB	K600	600/600	\$ 4,301.35	\$ 7,355.32
	K800	800/600	\$ 4,570.19	\$ 8,000.52
	K1600	1600/600	\$ 4,839.02	\$ 8,387.64
	K3000	3000/600	\$ 5,040.65	\$ 9,290.93
	k4000	4000/600	\$ 5,376.69	\$ 10,065.17

Manufacturer	Model	Amp/Voltage	Retrofit & Test	Retrofit & Overhaul
Westinghouse Cutler Hammer, Square D	DB-25	600/600	\$ 4,032.52	\$ 3,832.60
	DB-50	1600/600	\$ 4,704.61	\$ 7,484.36
	DB-75	3000/600	\$ 4,839.02	\$ 9,032.84
	DB-100	4000/600	\$ 5,242.28	\$ 9,871.61
	DS-206	800/600	\$ 4,166.94	\$ 7,355.32
	DS-416	1600/600	\$ 4,570.19	\$ 7,871.48
	DS-632	3200/600	\$ 5,040.65	\$ 9,290.93
	DSL-206	800/600	\$ 4,435.77	\$ 7,484.36
	DSL-416	1600/600	\$ 4,704.61	\$ 8,000.52
	DSL-632	3200/600	\$ 5,175.07	\$ 9,419.97

Manufacturer	Model	Amp/Voltage	Retrofit & Test	Retrofit & Overhaul
Federal Pacific (FPE)	FP-25	600/600	\$ 4,000.26	\$ 7,742.44
	FP-50	1600/600	\$ 4,258.34	\$ 8,387.64
	FP-75	3200/600	\$ 4,709.98	\$ 9,161.88
	FP-100	4000/600	\$ 4,903.54	\$ 9,807.09

Manufacturer	Model	Amp/Voltage	Retrofit & Test	Retrofit & Overhaul
Siemens, Allis Chalmers	LA-600	600/600	\$ 4,032.52	\$ 7,742.44
	LA-800	800/600	\$ 4,301.35	\$ 8,000.52
	LA-1600	1600/600	\$ 4,435.77	\$ 8,258.60
	LA-3000	3000/600	\$ 4,570.19	\$ 8,387.64
	LA-3200	3200/600	\$ 4,839.02	\$ 8,387.64
	LA-4000	4000/600	\$ 5,242.28	\$ 9,936.13
	RL-800	800/600	\$ 4,032.52	\$ 7,742.44
	RL-1600	1600/600	\$ 4,435.77	\$ 8,516.68
	RL-3200	3200/600	\$ 4,839.02	\$ 9,290.93
	RL-4000	4000/600	\$ 5,107.86	\$ 9,807.09

The above pricing includes 0.75 IFF.

Rates will be escalated at 4% annually. Effective June 22, 2014 through June 21, 2015

**GSA SIN 811-004
Medium Voltage**

Manufacturer	Model	Amp/Voltage	Overhaul & Test
Allis Chalmers	AM 150	5kV	\$ 10,081.30
	MA 150	5kV	\$ 10,081.30
	MA 350	5kV	\$ 10,753.39
	MC 250	15kV	\$ 11,425.47
	FC 150	15k	\$ 10,753.39
	FCV 500	15kv	\$ 16,130.08

Manufacturer	Model	Amp/Voltage	Overhaul & Test
Federal Pacific	DST 5-250	5kV	\$ 10,081.30
	DST 15-250	15kV	\$ 12,097.56

Manufacturer	Model	Amp/Voltage	Overhaul & Test
GE	AM 2.4	2.5kV	\$ 10,753.39
	AM 4.16	5kV	\$ 10,753.39
	AM 13.8	13.8kV	\$ 13,441.73

Manufacturer	Model	Amp/Voltage	Overhaul & Test
ITE	5 HV -75	5kV	\$ 10,753.39
	15 HV-250	15kV	\$ 13,441.73
	5 HK-250	5 kV	\$ 10,753.39
	15 HK-500	15kV	\$ 13,441.73

Manufacturer	Model	Amp/Voltage	Overhaul & Test
Westinghouse	50DH-50	5kV	\$ 10,753.39
	75DH-250	5kV	\$ 10,753.39
	150DH-150	5kV	\$ 10,753.39
	50DH-50	15kV	\$ 12,097.56
	75DH-250	15kV	\$ 12,097.56
	150DH250	15kV	\$ 12,097.56
	50DHP75	5kV	\$ 10,753.39
	75DHP100	5kV	\$ 10,753.39
	150DHP 250	5kV	\$ 10,753.39
	50DHP250	15kV	\$ 13,441.73
	75DHP500	15kV	\$ 13,441.73
	15-DHP750	15kV	\$ 14,785.91

The above pricing includes 0.75 IFF.

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PRICING SIN 811-004

Discounted Time and Material Rates Effective June 22, 2014 through June 21, 2015

Technical Services	Straight Time	Overtime	Sunday/Holiday
Project Manager	165.47	248.20	248.20
Program Manager	165.47	248.20	248.20
Senior Engineer	209.53	314.31	314.31
Shield Specialist	177.28	265.93	265.93
Electrical Engineer – Working In Our Office	100.87	131.38	131.38
Electrical Engineer – Working at Customer’s Plant	131.38	70.25	70.25
HVAC Technician	139.68	209.53	209.53
Designer	105.3	157.95	157.95
Welding Technician	105.3	157.95	157.95
Construction Technician 1	105.3	157.95	157.95
Construction Technician 2	98.85	148.28	148.28
Lead Test/Relay Technician – Working at Our Office	81.12	105.12	105.12
Lead Test/Relay Technician – Working at Customer’s Plant	101.68	131.38	131.38
Level 1 Technician – Working in Our Office	67.42	86.83	86.83
Level 1 Technician – Working at Customer’s Plant	81.12	105.12	105.12
Level 2 Technician – Working at Our Shop	61.69	79.98	79.98
Level 2 Technician – Working at Customer’s Plant	70.83	91.42	91.42
Clerical	73.86	110.80	110.80

Perdiem and Motels at government rates.

Rate Coverage:

Travel is charged at the government rates and the rates include all other expenses, all fringe benefits, and any other contractor employee understandings, consumable and small tools (replacement value \$500.00 or less), overhead, profit and any other markups.

The above GSA pricing includes 0.75% IFF.

Rates will be escalated at 4% annually.



Contractor Owned Equipment SIN 811-1000

(A) The following rates apply to contractor owned equipment included in “Costs For Extra Work” when changes in the work are negotiated on a cost-plus-percentage basis and are firm for the duration of the contract. Charges will be made only for the time equipment is employed in, or retained at the site solely for cost-plus-percentage extra work. The rates below include all fuel, maintenance, transportation and any other cost relating to contractor owned equipment.

Equipment Rate Schedule

Equipment	Hourly	Daily	Weekly	Monthly
Standard Test Equipment(megggers, DLRO, VOMs, TTRs, etc)	Included in above rates			
Insulation Power Factor Test Set	N/A	\$268.84	\$806.51	\$3,226.01
Relay Test Set	N/A	\$403.25	\$1,209.76	\$4,839.02
Breaker Travel Analysis	N/A	\$168.02	\$672.09	\$1,814.63
Transformer Vacuum and Oil Filtering Rig*	\$302.44	\$2,016.26	\$5,107.86	\$16,130.08
Breaker Primary Injection Test Set	N/A	\$258.09	\$744.25	\$3,226.01
Infrared Camera and Operator	\$168.02	\$1,008.13	\$5,376.69	\$16,130.08

*- Shipping of the Oil Rig From our Site in Chester, VA will be invoiced at 3.11/mile for delivery and the same for return.

(B) Rental Equipment: Will be billed at cost plus 28% overhead. Fuel cost to be included in overhead.

(C) Materials: Purchased materials will be billed at cost plus 15% as per contract and specifications

**The above GSA pricing includes 0.75% IFF.
Rates will be escalated at 4% annually.**



Position Descriptions

Program Manager

Qualifications: BS Degree with 12 years of experience, or 16 years of experience.

Duties include but are not limited to:

- Creating and managing multiple projects
- Managing the integration of multiple projects to achieve the overall goals of the program

Project Manager

Qualifications: BS Degree with 5 years of experience, or 8 years of experience.

Duties include but are not limited to:

- Creating and executing project work plans
- Identifying resources needed and assigning individual responsibilities
- Managing day-to-day operational aspects of a project and scope
- Reviewing deliverables prepared by the team before passing to customer
- Effectively applying and enforcing project standards

Senior Engineer

Qualifications: BS Degree plus PE, or 12 years of experience.

Duties include but are not limited to:

- Manage engineering projects
- Conduct power studies
- Consult on high level troubleshooting issues

Engineer

Qualifications: BS Degree, or four years of experience in the field of specialty.

Duties include but are not limited to:

- Troubleshoot highly technical systems
- Design test plans for electrical systems
- Review results of system testing to verify proper operations
- Design control systems
- Conduct site visits
- Make recommendations as to design approach

Shield Specialist

Qualifications: Must have 5 years of experience in RFI shielding.

Duties include but are not limited to:

- Consult on shielding techniques
- Develop test plans for RFI testing
- Conduct testing of RFI shields
- Produce RFI test reports
- Produce HMHS manuals for HEMP shielded structures

HVAC Technician

Qualifications: 5 years of experience installing or servicing HVAC equipment

Duties include but are not limited to:



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- Troubleshoot HVAC issues,
- Install and start-up HVAC systems

Designer

Qualifications: A.S. Degree and 3 years of experience, or 5 years of experience using AutoCAD

Duties include but are not limited to:

- Creates design layout with minimum supervision of an engineer

Draftsman

Qualifications: A.S. Degree, or 2 years of experience using AutoCAD

Duties include but are not limited to:

- Creates design layout under supervision of an engineer

Welding Technician

Qualifications: Certified Welder to D1D standard

Duties include but are not limited to:

- Provides metal fabrication and welding

Construction Technician 1

Qualifications: 6 years of experience in industrial construction

Duties include but are not limited to:

- Excavating
- Concrete work
- Pipe fitting
- Running conduit
- Pulling electrical wiring
- Material handling
- Painting
- Cleaning the job site

Construction Technician 2

Qualifications: N/A

Duties include but are not limited to:

- Excavating
- Concrete work
- Pipe fitting
- Running conduit
- Pulling electrical wiring
- Material handling
- Painting
- Cleaning the job site

Lead Test/Relay Technician

Qualifications: 7 years of experience in electrical testing

Duties include but are not limited to:

- Managing electrical testing projects



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- Relay calibrations
- Performing system functionality testing

Level 1 Technician

Qualifications: 5 years of experience in electrical testing

Duties include but are not limited to:

- Breaker testing leader
- Transformer testing
- Switchgear services
- Cable testing

Level 2 Technician

Qualifications: High school diploma

Duties include but are not limited to:

- Works with Level 1 or Lead Technician to assist with the testing and maintenance requirements.

Clerical Administrator

Qualifications: 3 years of administrative experience

Duties include but are not limited to:

- Contracts administration
- Employee payroll administration
- Purchasing job related materials
- Tracking job related expenses
- Office management