



Safety First



Electric Service and Meter Manual

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aes Indiana

Forward

The Electric Service & Meter Manual is intended for use of electrical contractors, engineers, architects, and others in the planning or installation of electric services and metering facilities on the AES Indiana's system. The Electric Service & Meter Manual is not intended as an instruction manual for untrained persons. This manual establishes rules and regulations as well as the latest practices in service installations. In the event conditions arise which are not specifically covered in this manual, AES Indiana shall be consulted to determine the applicable requirements.

AES Indiana reserves the right to review and approve the design and layout of all new electrical service facilities to be connected to the power system to assure the customer's equipment is compatible with the company's design standards and will not in any way diminish continuity of service to its customers.

All customers' electrical installations shall conform to the requirements of local ordinances and inspection authorities as well as rules and regulations of AES Indiana, as approved by the Indiana Utility Regulatory Commission, the National Electrical Safety Code, and the Indiana Electrical Code where applicable. All installations shall be approved by the authority having jurisdiction before connection to power is made. This edition of the Electric Service & Meter Manual (Goldbook) references the Indiana Electrical Code which is the National Electrical Code as adopted by the State of Indiana with the Indiana Amendments.

All previous editions of the Electric Service & Meter Manual are hereby superseded, as well as any other AES Indiana publications prior to issuance of this edition.

The Electric Service & Meter Manual is divided into; Introductory Information, seven Parts and seven Groups of drawings as follows:

1. Introductory information contains District Maps, Important Notices and required data for obtaining electric service.
2. Six parts that detail the rules for obtaining electric service on the AES Indiana system plus one part concerning power quality and reliability.
3. GB1-XXX are drawings that generally cover single phase overhead and underground meter fittings and cabinets.
4. GB3-XXX are drawings that generally cover three phase overhead and underground meter fittings and cabinets
5. GB4-XXX are drawings that generally cover service drops and attachments.
6. GB5-XXX are drawings that generally cover service laterals and service points.
7. GB6-XXX are drawings that generally cover junction cabinets and boxes for service laterals.
8. GB7-XXX are drawings that generally cover equipment pads, pole risers, standard fault currents, transfer switches, etc.
9. GB8-XXX are drawings that are for the use of government agencies only for obtaining service for traffic signals, signs, street lighting, etc.

Where to obtain information

Please contact our website <https://apps.aesindiana.com/goldbook/> for the most current AES Indiana Electric Service and Meter Manual (Gold Book). To be automatically notified of the latest revision, please send a blank e-mail to charlie.eldridge@aes.com with "GOLDBOOK CHANGES" and YOUR NAME in the subject line.

The "Gold Book" is in an Adobe Acrobat Reader (pdf) format, click on link [Free Adobe Acrobat Reader](#) for a free software download.

Contact information by subject

	Page number
Account Management	GB0-120
Engineering	
Distribution	GB0-100
Distribution – Central Business District (Includes Downtown Networked Area)	GB0-110
Street Lighting	GB0-170
Customer Installations	
Metering	GB0-130
Service Connection	GB0-160
Construction	
Overhead and Underground Lines Construction	GB0-140
Tree Trimming	GB0-180
Line Clearing (tree trimming)	(317) 261- 8128
Power Quality	(317) 261-5205 or (317) 261-5212
Real Estate Department (easements)	(317) 261-8552
Transmission Line Engineering	(317) 261-8635
Wrecking / Removal	(317) 261-2700, (317) 630-5623 Fax aesindianaserviceconnect@aes.com

Mailing address

AES Indiana
Standards, Code Compliance, & Quality Control
1230 West Morris Street
Indianapolis, Indiana 46221-1744
ipl.standards@aes.com

Office addresses:
Main Office, Electric Building - One Monument Circle
Customer Service Center - 2102 N. Illinois Street
Arlington Service Center - 3600 North Arlington Avenue
Morris Street Service Center - 1230 West Morris Street

All metering equipment is available at the Arlington Service Center

Contractor information

Type of service

For ordering service connection:

New & altered single (1) phase (317) 261-8222

0-200 ampere (317) 261-8222

New & altered three (3) phase
over 200 ampere
contact engineering GB0-100, GB0-110

Construction or temporary (317) 261-8222

For ordering service removal

Wrecking / Removal (317) 261-2700, (317) 630-5623 Fax

Electrical inspection authorities covering territory served by AES INDIANA

City of Indianapolis (Marion County, excluding Beech Grove, Lawrence, Southport and Speedway)

Department of Business and Neighborhood Services
City of Indianapolis
1200 Madison Ave. Suite 100
Indianapolis, IN 46225
<https://www.indy.gov/agency/department-of-business-and-neighborhood-services>

General Information
Ph: (317) 327-8700

To Be Determined
Permit Questions [e-mail](#)
Electrical inspections questions [e-mail](#)
Construction Services direct line
[Automated inspection request line](#)
Self-Certification tag line

Supervisor, Bureau of Construction Services (BCS)
<mailto:permitquestions@indy.gov>
<mailto:ele.inspectionquestions@indy.gov>
available from 8 - 5

Ph: (317) 327-8938
[Ph: \(317\) 327-5525](#)
Ph: (317) 327-8408

Beech Grove
Mike Hughes

Electrical Inspector
City Hall
806 Main Street
Beech Grove, IN 46107

Ph: (317) 281-0898

Boone County
Charlie Campbell

Electrical Inspector
116 W. Washington St., Rm. 101
Lebanon, IN 46052

Ph: (765) 482-3821
Fax: (765) 483-5241

8 AM – 9 AM & 3 PM – 4 PM
Mon. thru Fri.

City of Cumberland (Hancock Co.)

8 AM – 4 PM
Mon. thru Fri.

Ph: (317) 894-6202
Fax (317) 894-6216

Greenwood
Kenneth Seal

Electrical Inspector
300 S. Madison Avenue
Greenwood, IN 46142

Ph: (317) 881-8698

Hamilton County
(Carmel and Clay Townships Only)

Building & Electrical Inspectors
1 Civic Square
Carmel, IN 46032

Ph: (317) 571-2444

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please send an e-mail with the correction to charlie.eldridge@aes.com to have it corrected

Electrical inspection authorities covering territory served by AES INDIANA

Hancock County

Scott Williams
Dan Cameron

Court House Annex
111 American Legion Pl., Suite 146
Greenfield, IN 46140

Ph: (317) 462-1133

Hendricks County

Steve Cox
Aaron Ross

Building Inspector's Office
355 S. Washington St., Suite 212
Danville, IN 46122

Ph: (317) 745-9255

Johnson County

Wes Harris

Building Commissioner and
Inspectors
86 W. Court Street
Court House Annex
Franklin, IN 46131
Between 8:00 - 9:00 AM

Ph: (317) 346-4350

Lawrence

Electrical Inspector
9001 E. 59th Street, Suite 300
Lawrence, IN 46216

Ph: (317) 545-8787

Mooresville

Tim Bennett

City Electrical Inspector
4 E. Harrison Street
Mooresville, In 46158

Ph: (317) 831-9545

Morgan County

Scott Troutman
Mike Snider

Electrical Inspector
180 S. Main St., Suite 204
Martinsville, IN 46151

Ph: (765) 342-1060

Owen County

Rick Smeltzer

Electrical Inspector
86 E Market St.
Spencer, IN 47460

Ph: (812) 829-5017

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Electrical inspection authorities covering territory served by AES INDIANA

Putnam County

Art Kenworthy

Building Inspector
1542 S. Bloomington St., Suite 1500
Greencastle, IN 46135

Ph: (765) 653-5727

Shelby County

David Adams

Electrical Inspector
25 West Polk
Shelbyville, IN 46176

Ph: (317) 392-6480

Southport

Dave Keiser

Electrical Inspector

Ph: (317) 610-6496

Speedway

Kevin Schrader

Electrical Inspector
1451 N. Lynhurst Dr.
Speedway, IN 46224

Ph: (317) 281-7120

Whitestown

Dave Taylor

Electrical Inspector
6210 S. 700 East, Suite 200
Whitestown, IN 46075

Ph: (317) 942-1553

Zionsville

Adam Holman
Mike Lathrop

Building Inspector
Planning Department
1100 W. Oak St.
Zionsville, IN 46077

Ph: (317) 873-8246

Ph: (317) 873-8248

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please send an e-mail with the correction to charlie.eldridge@aes.com to have it corrected