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All previous editions of the Electric Service & Meter Manual are hereby superseded, as well as any other AES Indiana publications prior to issuance of this edition.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 (call the Power Outage Number)	(317) 261-8111
Real Estate Department (easements)	(317) 261-8552
Transmission Line Engineering	(317) 508-6575
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 single (1) phase Over 400 ampere single (1) phase	(317) 261-8333 GB0-100
	Altered single (1) phase Over 400 ampere single (1) phase	(317) 261-8133 GB0-100
	New & altered three (3) phase over 200 amperes contact engineering	GB0-100, GB0-110
	Construction or temporary	(317) 261-8333

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 200 E. Washington Street, Suite 107 Indianapolis, IN 46204 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 bns.constructionservices@indy.gov available from 8 AM – 4:30 PM	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) 482-8845
City of Cumberland (Hancock Co.) Aaron Jordan	Building & Electrical Inspector ajordan@cumberland.in.gov 8 AM –4 PM Mon. thru Fri.	Ph: (317) 775-0156 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

If a correction is needed,
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 Aaron Ross Brian Beasley	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 Andy Mason John Hewett	Electrical Inspector 180 S. Main St., Suite 204 Martinsville, IN 46151	Ph: (765) 342-1060
Owen County Shawn Stevens	Electrical Inspector 86 E Market St. Spencer, IN 47460	Ph: (812) 829-5033

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Electrical inspection authorities covering territory served by AES INDIANA

Putnam County		
JustinVaughn	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
Speedway		
Kevin Schrader	Electrical Inspector 1451 N. Lynhurst Dr. Speedway, IN 46224	Ph: (317) 281-7120
Whitestown		
	Electrical Inspector 6210 S. 700 East, Suite 200 Whitestown, IN 46075	Ph: (317) 732-4539
Zionsville		
Adam Holman	Building Inspector	Ph: (317) 873-8246
Mike Lathrop	Planning Department 1100 W. Oak St. Zionsville, IN 46077	Ph: (317) 873-8248

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