

| Line | Voltage | Length in Miles |
|---|---------|-----------------|
| Grand Avenue Station to Substation Q (25 cycle) | 6,600 | 25 |
| Grand Avenue Station to Substation Q (25 cycle) | 6,600 | 24 |
| Mason City Plant Substation to Clear Lake Substation | 13,800 | 10.41 |
| Mason City (12th Street and Pierce Avenue N. W.) to Clear Lake Substation | 13,800 | 10.75 |
| Mason City Plant Substation to Nora Springs Substation | 13,800 | 10.57 |
| Mason City Plant Substation to Manly Substation | 13,800 | 11.67 |
| Manly Substation to Wescott, Iowa | 13,800 | 4.94 |
| Clear Lake Substation to Ventura, Iowa | 6,000 | 5.85 |
| Nora Springs Substation to Rudol, Iowa | 6,000 | 6.54 |
| Rock Falls Stevedown Station to Rock Falls, Iowa | 6,000 | 4.00 |
| Manly Substation to Plymouth, Iowa | 6,000 | 6.71 |
| Manly Substation to Grafton, Iowa | 6,000 | 8.50 |

ELECTRIC SUBSTATIONS AND SWITCHING STATIONS

- Substation A located at 2645 Madison Street in Kansas City, Jackson County, Missouri.
- Substation C located at 918 Baltimore Avenue in Kansas City, Jackson County, Missouri.
- Substation D located at 600 West Sixth Street in Kansas City, Jackson County, Missouri.
- Substation E located at 2033 McGee Street⁵ Trafficway in Kansas City, Jackson County, Missouri.
- Substation F located at 7113-15 East Twelfth Street in Kansas City, Jackson County, Missouri.

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- Substation No. 7 located on Kansas Highway No. 132, approximately one-half mile west of Turner, in Wyandotte County, Kansas.
- Switching Station No. 8 located at the southwest corner of Spring Branch Road and Missouri Highway No. 7, east of Kansas City, in Jackson County, Missouri.
- Substation No. 9 located at the Northeast Stream Electric Generating Station, Olive and Nicholson Streets, in Kansas City, Jackson County, Missouri.
- Substation No. 10 located at Higginville, Lafayette County, Missouri.
- Substation No. 11 located at Carrollton, Carroll County, Missouri.
- Substation No. 12 located on Barnister Road, approximately one mile east of Holmes Park Addition, southeast of Kansas City, in Jackson County, Missouri.
- Substation No. 13 located in the southwest corner of the southeast quarter of Section 35, Township 55, Range 23, south of Tina, in Carroll County, Missouri.
- Substation No. 14 located on the north line of the northeast quarter of Section 31, Township 54, Range 23, east of Bogard, in Carroll County, Missouri.
- Substation No. 15 located on Victory Highway, approximately five miles west of Kansas City, in Wyandotte County, Kansas.
- Substation No. 16 located on Highway No. 169, approximately one mile north of North Kansas City, in Clay County, Missouri.
- Substation No. 18 located in the northwest corner of the northwest quarter of Section 36, Township 53, Range 22, at Letta, Carroll County, Missouri.
- Substation No. 19 located at Brunswick, Charlton County, Missouri.
- Substation No. 20 located at Dubois, Charlton County, Missouri.
- Substation No. 21 located in the northeast quarter of the southeast quarter of Section 9, Township 53, Range 18, approximately one mile south of Reynoldsville, in Charlton County, Missouri.
- Substation No. 22 located at Overland Park, Johnson County, Kansas.
- Substation No. 23 located at Courtney, Jackson County, Missouri.

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- Substation G located in the Grand Avenue Stream Electric Generating Station, Second Street and Grand Avenue, in Kansas City, Jackson County, Missouri.
- Substation H located at 4633-37 Broadway⁶ in Kansas City, Jackson County, Missouri.
- Substation J located at 4000 East Forty-third Street in Kansas City, Jackson County, Missouri.
- Substation P located at 309 Lydia Street in Kansas City, Jackson County, Missouri.
- Substation Q located at 205 Holmes Street in Kansas City, Jackson County, Missouri.
- Substation R located at 6106 Forest Street in Kansas City, Jackson County, Missouri.
- Substation T located in the National Fidelity Life Building, Tenth and Walnut Streets, in Kansas City, Jackson County, Missouri.
- Substation U located in the R. A. Long Building, Tenth Street and Grand Avenue, in Kansas City, Jackson County, Missouri.
- Substation V located at 1330 Grand Avenue in Kansas City, Jackson County, Missouri.
- Substation W located at 1112 Baltimore Avenue in Kansas City, Jackson County, Missouri.
- Substation No. 1 located at Indiana and Nicholson Streets in Kansas City, Jackson County, Missouri.
- Substation No. 2 located at Forty-seventh Street and Roe Boulevard, south of Kansas City, in Wyandotte County, Kansas.
- Switching Station No. 3 located near the Clats-Martin City Road, approximately one-half mile west of the southeast corner of Section 30, Township 13, Range 24, east of Olathe, in Johnson County, Kansas.
- Substation No. 4 located near Highway No. 69 in the southeast quarter of the northeast quarter of Section 32, Township 51, Range 22, southwest of Liberty, in Clay County, Missouri.
- Substation No. 5 located at Parkville, Platte County, Missouri.
- Substation No. 6 located at Van Horn and Cunningham Roads, east of Kansas City, in Jackson County, Missouri.

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- Substation No. 24 located at Glasgow, Howard County, Missouri.
- Substation No. 25 located at Waverly, Lafayette County, Missouri.
- Substation No. 26 located in the northeast corner of the northwest quarter of the northeast quarter of Section 19, Township 50, Range 23, north of Blackburn, in Saline County, Missouri.
- Substation No. 27 located in the southeast corner of the northeast quarter of Section 12, Township 49, Range 27, approximately one-half mile north of Mayview, in Lafayette County, Missouri.
- Substation No. 28 located at Sweet Springs, Saline County, Missouri.
- Substation No. 29 located at Twenty-third Street and the Chicago, Burlington & Quincy Railroad Company tracks, in North Kansas City, Clay County, Missouri.
- Substation No. 31 located at Eighteenth and Iron Streets, in North Kansas City, Clay County, Missouri.
- Substation No. 32 located adjacent to the east city limits at South Railroad Street, Mt. Leonard, Saline County, Missouri.
- Substation No. 33 located on Highway No. 41, approximately two miles east of Marshall, in Saline County, Missouri.
- Substation No. 34 located in the northeast corner of Section 22, Township 50, Range 25, on Highway No. 22, approximately one-fourth mile north of Corder, in Lafayette County, Missouri.
- Substation No. 37 located at Gardner, Johnson County, Kansas.
- Substation No. 40 located on Kansas Highway No. 33, east of Wellsville, in Franklin County, Kansas.
- Substation No. 43 located on Highway No. 65, west of Marshall, in Saline County, Missouri.
- Substation No. 44 located at Atherton and Bunchu Roads, east of Independence, in Jackson County, Missouri.
- Substation No. 54 located on Highway No. 69, approximately one-half mile west of Stillwell, in Johnson County, Kansas.
- Substation No. 58 located at Santa Fe Street and Woodward Road in Kansas City, Missouri.
- Substation No. 59 located at Gilliam, Saline County, Missouri.
- Substation No. 60 located on the west line of the southwest quarter of Section 3, Township 53, Range 17, approximately one-half mile west of Salisbury, in Charlton County, Missouri.