

WAR DEPARTMENT

Address reply to
Chief of Engineers, U.S. Army
Washington, D. C.
Room 2728 Munitions Bldg.

Office of the Chief of Engineers
Washington

November 4, 1933.

Refer to File No. 7496

Subject: Instructions for the preparation of the Annual
Report, Electric Power Survey.

To: All Power Zone Chiefs.

1. All previous instructions relating to the Electric Power Survey are revoked, effective December 1, 1933.
2. The establishment of four War Department Power Zones and twelve Power Districts has been approved by the Assistant Secretary of War. The Zone and District headquarters together with the final boundaries of the Power Zones and the general boundaries of the Power Districts are shown on the inclosed map. (Incl. #1)
3. There will be submitted for the approval of the Chief of Engineers with the first report a careful and detailed written description of the Power District Boundaries. These boundaries will also be very exactly delineated on all maps accompanying the first report. Any recommendation for changes in these boundaries which the Power Zone Chiefs desire to make after the submission of the first report will include equally definite descriptions and delineations of the boundaries proposed. Unless some other distinct boundary is used, Power District boundaries should, if possible, coincide with state or county lines.
4. The following assignments are announced:
 - Chief of Power Zone No. 1. - The Division Engineer, No. Atlantic Division.
 - Chief of Power District No. 1. - District Engineer, Boston, Mass.
 - Chief of Power District No. 2. - District Engineer, 1st New York District.
 - Chief of Power District No. 3. - District Engineer, Philadelphia, Pa. (ley Div.)
 - Chief of Power Zone No. 2. - The Division Engineer, Upper Mississippi Val-
 - Chief of Power District No. 4. - District Engineer, Pittsburgh, Pa.
 - Chief of Power District No. 5. - District Engineer, Detroit, Mich.
 - Chief of Power District No. 6. - District Engineer, 2nd Chicago District.
 - Chief of Power District No. 7. - District Engineer, St. Louis, Mo.

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Chief of Power Zone No. 3 - The Division Engineer, Gulf of Mexico Division.
Chief of Power District No. 8 - District Engineer, Wilmington, N. C.
Chief of Power District No. 9 - District Engineer, Mobile, Ala.
Chief of Power District No. 10 - District Engineer, Galveston, Texas.
Chief of Power Zone No. 4 - The Division Engineer, Pacific Division.
Chief of Power District No. 11 - District Engineer, Seattle, Washington,
Chief of Power District No. 12 - District Engineer, San Francisco, Calif.

5. The Annual Power Survey Report will be based on data furnished by the power companies in reply to the inclosed questionnaire (Incl. #2) and will show data as of January 1st of each calendar year.

6. The Power Zone Chiefs will submit their reports to the Chief of Engineers not later than March 31st of each year.

7. These reports will include:

a. One copy of maps of the Power Zone compiling the information indicated in paragraph 3 of the questionnaire to the power systems. (Scale 1:500,000; symbols as indicated in Incl. #3; each sheet to be 27" x 40" in size). After the first year, changes from the previous year will be marked in colored pencil to aid in identifying the new data.

b. One copy of eight typical weekday graphs for each interconnected group in each power district made up as requested for each system in paragraphs 4 and 5 of the questionnaire to the systems. The graphs should be for the succeeding calendar year, if not available, then for the current year, and for the driest recorded year.

c. A brief statement giving for each power district the data requested for each power system in paragraphs 6 and 7 of the questionnaire to power systems.

d. A brief statement as to the plans of operation of the Power Zone in the event of an emergency, including a skeleton organization, or reference to approved Unit Mobilization Plan if no change is contemplated therein.

e. Recommendations, if any, which the Power Zone Chief wishes to submit concerning the conduct of the Power Survey.

f. A complete copy of the reports submitted by each power system will be inclosed.

8. It is contemplated that the reports submitted by the Power District Chiefs to the Power Zone Chiefs will contain the data called for under paragraphs 7, a, b, c, and f. above.

9. Information is desired on the major systems only; that is systems of sufficient size to have industrial significance. A list of the principal ones as of January 1, 1933, is given in Incl. #4. (There may be other important systems which are not known to this office which should be reported on.)

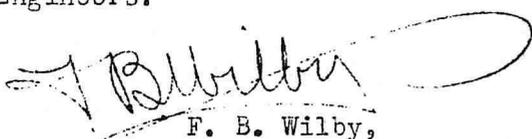
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10. With reference to paragraph 3 b of the questionnaire for all power systems, the Chiefs of Power Districts are authorized to omit detailed locations in highly congested areas if they deem it desirable.

11. It is desired that so far as is practicable the initial contacts with these power systems be made by district engineers or their military assistants.

12. The data furnished by the power companies under paragraphs 6 and 7 of the questionnaire to power companies will be considered confidential by all concerned and the power companies will be informed that it will not be furnished to any one outside of the War or Navy Departments.

By order of the Chief of Engineers:



F. B. Wilby,
Lieut.Col., Corps of Engineers,
Chief, Military Division.

4 Incls.

- Incl.#1 - Map showing Power Zone & District Boundaries.
- Incl.#2 - Questionnaire for all Power Systems, with Seasonal Graph attached.
- Incl.#3 - Symbols for Report on Electric Power Survey.
- Incl.#4 - List - Major Public Utility Systems.

Copy to All Power District Chiefs.



INCLOSURE No 1

- ⑤ POWER DISTRICTS
- BOUNDARY, POWER ZONES
- - - BOUNDARY, POWER DISTRICTS
- * HEADQUARTERS, POWER ZONES
- ⊗ HEADQUARTERS, POWER DISTRICTS

LEGEND

This map shows the existing network of all points of each of the principal points of power production together with the main interconnecting transmission lines.

Points of less than 5000 kw capacity and minor distribution systems are not shown.

Transmission lines of less than 100,000 volts are not shown.

● Fuel power plants.

○ Water power plants.

Graphic Scale

Area of circle shows electrical capacity in thousands of kw.

ELECTRIC POWER SURVEY FOR CALENDAR YEAR 1931

TO ACCOMPANY REPORT OF CHIEF OF ENGINEERS, U.S.A. DATED FEB. 27 1933

SCALE AS SHOWN