

QUESTIONNAIRE FOR ALL POWER SYSTEMS.

1. Names and addresses of operating companies comprising system.
2. Names of holding companies, if any.
3. Furnish maps (any convenient scale) showing:
 - a. Areas supplied.
 - b. Location and capacity of principal power plants. (5000 K.W. and above)
 - c. Location and capacity of main power lines (33,000 volts and above)
 - d. Location and net capacity of interconnecting points with other systems, including the names of other systems.
4. Furnish four graphs, forecasting conditions for the succeeding calendar year (if not available, then for current year). These graphs should assume a year of average rainfall. Each graph should represent a typical weekday for each of the four seasons of the year. Each graph should show the curves listed below. In the event that one or more of the sample type curves does not apply to the power system being reported on, it may be omitted and a note placed on the graph explaining the omission.
 - a. Installed Steam Generating Capacity.
 - b. Actual available Generating Capacity of Run of River Plants without Ponding and/or Actual Available Generating Capacity of Hydro Plants with Ponding. (On the sample graph inclosed only the curve for run of river plants is shown).
 - c. Total Actual Generating Capacity.
 - d. Assured Net Generating Capacity. (Total Actual Generating Capacity less required Reserve Generating Capacity for Maintenance and Repair).
 - e. System Load.
 - f. An integrated curve showing the maximum assured output that could be obtained from the system to meet an increased load of the same general characteristics as the present load.

5. Furnish four similar graphs as described in paragraph 4 above for the predicted conditions which would occur if the driest recorded year should be repeated.
6. a. State briefly what additional major equipment would have to be installed to make full use of the installed generating capacity. No provision need be made for reserve generating capacity required for maintenance and repair.
 - b. How much time would ordinarily be required to secure and install this equipment,
7. If housing facilities are available for installation of additional generating capacity give location and increased capacity which would be installed.
8. It is requested that typed matter and graphs be 8" x 12 $\frac{1}{2}$ " in size. It is also requested that the answers to this questionnaire be in triplicate and that they be submitted not later than February 15 of each year to

NOTE: All data should be shown in kilowatts.

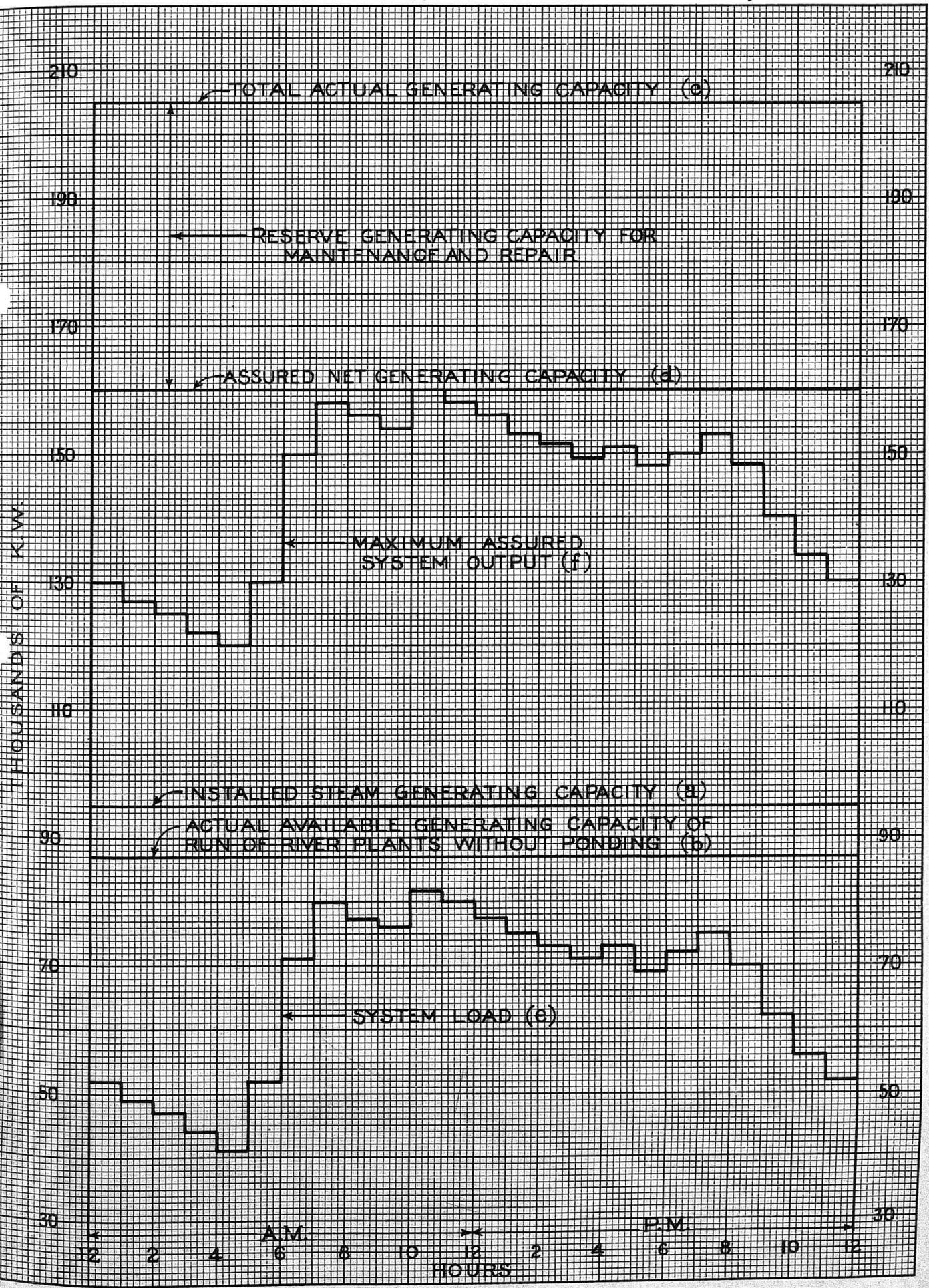
1-Incl.
Seasonal Graph.

LOAD AND GENERATING CAPACITY

NAME OF COMPANY

TYPICAL WEEKDAY ESTIMATE FOR 1935

SEASON (SUCCEEDING CALENDER YEAR)



SYMBOLS FOR REPORT ON ELECTRIC POWER SURVEY

GENERATING STATIONS.

- HYDRO-ELECTRIC
- FUEL
- HYDRO AND FUEL

Figures indicate total installed capacity in thousands of K.W.

EXISTING

-  50
-  30
-  75

UNDER CONSTRUCTION OR PROJECTED.

-  100
-  20
-  80

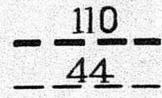
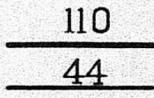
TRANSMISSION LINES.

- 100,000 VOLTS OR OVER
- UNDER 100,000 VOLTS

DOUBLE TRANSMISSION LINES

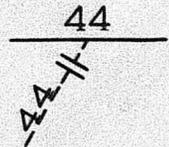
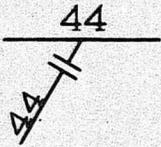
SHOWN BY TWO PARALLEL LINES OF SUITABLE WEIGHT.

FIGURES INDICATE THOUSANDS OF VOLTS.



INTERCONNECTIONS.

THIS SYMBOL WILL BE PLACED AT THE JUNCTION OR INTERSECTION OF TWO TRANSMISSION LINES TO SHOW THAT THEY ARE INTERCONNECTED.



CROSSOVERS.

THIS SYMBOL WILL BE USED WHERE TRANSMISSION LINES CROSS BUT ARE NOT INTERCONNECTED.

