

POWER NEWS

BUSINESS ITEMS • APPOINTMENTS • FOREIGN FIELDS
WASHINGTON NOTES • NEW DEVELOPMENTS • CONVENTIONS

Electrical Power Demand Continues Growth Rate

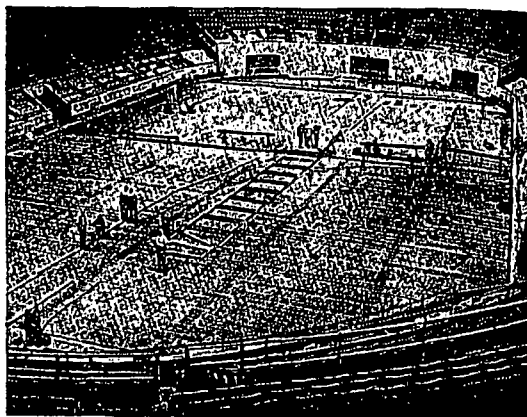
► CONTINUATION OF THE HIGH RATE of growth of electrical power demand in most parts of the United States and a large increase in installation rate of new generating capacity were reported recently by Ernest R. Acker, president of Edison Electric Institute, in commenting on results of a survey just completed by a group of power-supply experts representing all sections of the country.

The survey finds that installation of new generating capacity, which in 1947 was 2,000,000 kw, will be 4,750,000 kw in 1948 and 6,700,000 kw in 1949. The 1950 installation schedule is 5,800,000 kw, and the 1951 is 6,060,000 kw. Deliveries of generating equipment are generally being made a little ahead of schedule, although there is some difficulty in getting construction steel, piping and other construction accessories for equipment installation.

Peak Demand Estimate. The survey also finds that currently, with equipment manufacturers working at full capacity and with their output far exceeding all previous records, demand for electricity continues to climb. The new estimate of peak demand for December 1948 is 1% higher than the forecast made by the same group of experts last May. The somewhat higher demand is attributed principally to influence of world conditions on United States business and industrial production.

Reserve generating capacity for the country as a whole during this month is expected to be 4% as compared with a 5% margin in December of last year. President Acker said that reserves will be somewhat less than last winter in a few areas and somewhat greater in others, but generally sufficient to meet the needs for power.

On the evidence of the present survey, power experts estimate that the December 1949 average margin will climb to 8% and that 14%, which is regarded as a normal reserve, will be reached by 1951. However, the validity of these estimates for the future will (Continued on page 200)



New Arena Floor at Madison Square Garden

View of Madison Square Garden, arena in New York City shows floor that was laid in record time of four weeks as a result of a technical development in use of threadless pipe fittings to connect 13 miles of concealed refrigeration piping. As the floor has to stand up under rigorous conditions, piping has to take extraordinary weights and vibrations, as well as temperatures varying 10 to 70 F. Some 3000 threadless, black, malleable, 1 1/4-in. couplings were employed to connect, by silver brazing, 20- and 40-ft lengths of 1 1/4-in. standard-weight galvanized-wrought-iron pipe. Piping, which withstands hydrostatic tests of 2500 lb and air tests of 300 psi, was laid over original base of floor, which had been covered with two new layers of waterproofed tar paper and one of zinc sheeting before the pipe was put down.

COMING EVENTS

Nov 28-Dec 4—American Society of Mechanical Engineers, annual meeting, Pennsylvania and New Yorker Hotels, New York, N. Y. Ernest Hartford, executive assistant secretary, 29 W 39th St, New York 18, N. Y.

Nov 29-Dec 4—18th National Exposition of Power & Mechanical Engineering, Grand Central Palace, New York 17, N. Y. Charles F. Roth, manager, Grand Central Palace, New York.

Dec 5-8—American Society of Refrigerating Engineers, meeting, Suter Hotel, Washington, D. C. W. S. Woodside, 801 Whitaker Bldg, Baltimore, Maryland.

Jan 10-14—Third National Materials Handling Show, jointly sponsored by American Society of Mechanical Engineers and Materials Handling Institute, Convention Hall, Philadelphia, Pa. Banner & Greif, 250 W 57th St., New York 19, N. Y.

Jan 24-28—International Heating & Ventilating Exposition, International Amphitheatre, Chicago, Ill. Charles F. Roth, manager, Grand Central Palace, New York 17, N. Y.

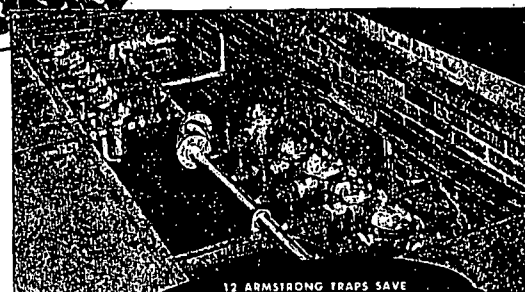
Jan 31-Feb 4—American Institute of Electrical Engineers, winter general meeting, Pennsylvania Hotel, New York, N. Y. H. H. Henline, secretary, 33 W 39th St, New York 18, N. Y.

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