

VOLUME XII
NUMBER 1

POWERFAX

MARCH
1934



PUBLISHED BY ELLIOTT COMPANY—PITTSBURGH, PA.

Published quarterly at Jeannette, Pa., and distributed free to power plants, engineers, superintendents, and those interested in power subjects. Address all communications to Elliott Company, Jeannette, Pa., C. W. Kalbfus, Advertising Manager. Number of copies this issue, 22,000.



CONTENTS

	Page
Original Compensated Generator at Edison Institute.....	3
Thompson-Ryan Dynamo No. 1 in Henry Ford's collection at Dearborn	
On the Job in Chattanooga.....	7
Deaerating Heater and Mechanical Drive Turbine in the Southern Chemical Cotton Company's Plant	
The Importance of Deaeration in the Modern Plant.....	9
By F. W. Dohring, Heat Transfer Department, Elliott Company, Jeannette, Pa.	
Interesting Savings in an Interesting Institution (Maybury Sanatorium).....	18
By A. Caputi, Sales Engineer, Elliott Company, Detroit, Michigan	
New and Larger Generating Plant for Pennsylvania Soldiers' Orphan School.....	22
By F. H. Dechant, Wm. H. Dechant & Sons, Consulting Engineers, Reading, Penna.	
Pennsylvania Soldiers' Orphan School—Its History and Achievements.....	24
By C. Blaine Smathers, Superintendent	
Elliott Engines for Minnesota State Institutions.....	26
The Engine Builders' Association of a Generation Ago.....	28
Editorial Page	8
Letters	21
Jokes	30

★ ★ ★ ELLIOTT COMPANY manufactures Power and Industrial Plant Equipment. A complete list of Elliott products is given on the back cover of this issue.

A list of District Offices and their addresses is also shown on the back cover. These offices maintain engineers, experienced in power plant operation and maintenance, who will be glad to cooperate with you.

★ ★ ★ POWERFAX is a magazine of information for engineers and operators of steam and electric power plants, devoted mostly to the field covered by power equipment as manufactured by Elliott Company and its associates, The Lagonda Manufacturing Company, and Liberty Manufacturing Company.