Personal Items

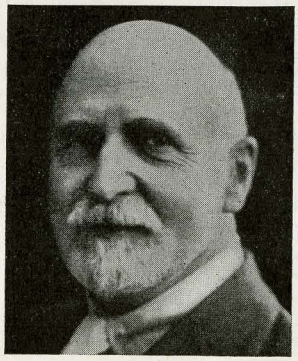
ALEX DOW (A'93, F'13, and member for life) president, Detroit (Mich.) Edison Company, has received the 1935 A.I.E.E. national prize award for best paper in public relations for his paper "On the Schooling of Engineers." Mr. Dow was born in Glasgow, Scotland, in 1862, and although he is not a graduate of a technical school, he received the honorary degrees of master of engineering (1911) and doctor of engineering (1924) from the University of Michigan and doctor of science (1935) from the University of Detroit. During the period 1874–82 he was employed as junior clerk and stenographer in a railroad office and in the offices of a steamship company in Liverpool, England. In 1882 he came to the United States, and was employed in various departments of the Baltimore and Ohio Railroad Company. Later he was transferred to the Baltimore and Ohio Telegraph Company to take charge of local line and instrument maintenance, with some construction and experimental work on telephones. In 1888 he was employed by the Brush Electric Company, Cleveland, Ohio, as installation electrician in the Chicago (Ill.) office. In 1889 he became district engineer in that office. In 1893 he accepted the opportunity to design and supervise the construction of the public lighting plant of the city of Detroit, and in 1896 he became vice president and general manager of the Edison Illuminating Company of Detroit. The Detroit Edison Company succeeded the Edison Electric Illuminating Company of Detroit in 1903, and Mr. Dow was retained in a similar position until he was made president in 1913. He designed and supervised the construction of several generating stations of the Detroit Edison system. He served the city of Detroit as the engineer member of the board of water commissioners continually from 1916 to 1930. He is a member of The American Society of Mechanical Engineers, American Society of Civil Engineers, and the Institution of Electrical Engineers (Great Britain).

E. F. SCATTERGOOD (A'08, F'13) chief electrical engineer and general manager, Bureau of Power and Light of the City of Los Angeles (Calif.) has received the 1935 A.I.E.E. national prize award for best paper in engineering practice for his paper "Engineering Features of the Boulder Dam-Los Angeles Lines." Mr. Scattergood was born in Burlington County, N. J., in 1871, and received the degrees of bachelor of science and master of science (1893) and the honorary degree of doctor of science (1931) at Rutgers University. In 1899 he received the degree of master of mechanical engineering at Cornell University. During the period 1894–98 he served on the faculty of Rutgers University as instructor in mathematics and electrical science, and after a year's graduate study at Cornell University, he became professor and head of the department of electrical engineering of the Georgia School of Technology in 1899. In 1902 he became associated with the Huntington Light, Power, and Electric Company of Los Angeles, and during the period 1906–09 he maintained his own consulting mechanical and electrical engineering practice in Los Angeles. In 1909 he was appointed chief electrical engineer and general manager of the Bureau of Power and Light of the City of Los Angeles, and has held that position continuously. In that capacity he has been in charge of the design, construction, and management of the Los Angeles municipal hydroelectric generating and distributing system, and in 1933 he was appointed a member of the Federal Public Works Advisory Committee for California. He has been a nonresident lecturer in electrical engineering at Stanford University since 1926. He is a member of the Seismological Society of America, Pacific Geographic Society, Phi Beta Kappa, and Sigma Xi.

R. E. HELLMUND (A'05, F'13, Lamme Medalist '29) chief engineer, Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa., with L. R. Ludwig (A'28) co-author of the paper "Sparking Under Brushes of Commutator Machines," has received honorable mention in the 1935 A.I.E.E. national prize awards for best paper in theory and research. Mr. Hellmund was born at Gotha, Germany, in 1879, and attended the Ilmenau Technical College, from which he was graduated with the degree of electrical engineer in 1898. After being engaged in electrical development work for 3 years, he attended the Polytechnikum Charlottenburg, Berlin, as a graduate student. In 1903 he came to the United States and held several different positions, including a brief association with William Stanley at Great Barrington, Mass., until he was employed by the Western Electric Company, Hawthorne, Ill., in 1905, first in the patent department, and later in the design of a-c machinery. Since 1907 he has been associated with the Westinghouse Electric and Manufacturing Company. After being in charge of various development work, he was placed in charge of the design of induction motors, and in 1912 he was placed in charge of the design of all d-c and a-c railway motors. In 1917 Mr. Hellmund was assigned to miscellaneous consulting work, in which he continued until 1922, when he was made engineering supervisor of development. In 1926 he was appointed chief electrical engineer, and in 1933, chief engineer. He has presented many papers before the Institute and has contributed liberally to technical literature in the United States and Europe. He has been a member of the Institute's standards committee since 1930, and is an alternate member of the electrical standards committee of the American Standards Association. He is a member of Electrotechnischer Verein (German Institute of Electrical Engineers) and the Society of German-American Technologists, and was president of the latter society during the period 1920–21.

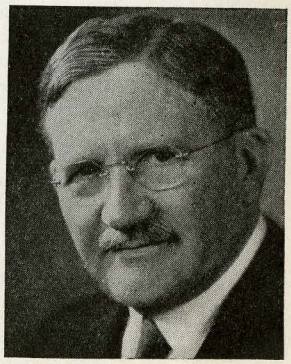
R. N. STODDARD (M'34) electrical engineer, Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa., has been awarded the 1935 A.I.E.E. National prize for initial paper for his paper "A New Timer for Resistance Welding." Mr. Stoddard was born (1895) at Meriden, Conn., and attended the Casino Technical Night School. Following a brief preliminary training with the Potomac Electric Power Company, Washington, D. C., he entered the employ of the Westinghouse Electric and Manufacturing Company as a student engineer at East Pittsburgh. In 1916 he was transferred to the sales department of that company, and during the period 1917–19 he served as an engineer in the radio laboratories of the U.S. Army Signal Corps. In 1919 he returned to the Westinghouse Company as a sales engineer, and in 1921 he accepted a similar position with the Radio Sales and Service Company, Pittsburgh. In 1923 he entered the radio engineering department of the Westinghouse Company to assist in the design and development of carrier current communication equipment, and was placed in charge of carrier current equipment in 1929. Since 1931 Mr. Stoddard has been in responsible charge of the design and development of electronic apparatus. He is a member of the Institute of Radio Engineers.

L. R. LUDWIG (A'28) electrical engineer, Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa., with R. E. Hellmund (A'05, F'13, Lamme Medalist '29) co-author of the paper "Sparking Under



ALEX DOW

R. N. STODDARD



E. F. SCATTERGOOD