

NORTH EASTERN DISTRICT MEETING

Syracuse, New York



May 2-4, 1951

Headquarters: Syracuse Hotel



Syracuse, N. Y.

MEETING FEATURES

The fastest growing industrial community in the eastern part of the United States is host for the May 2nd through 4th North Eastern District Meeting. Meeting Headquarters will be the Syracuse Hotel, Syracuse, New York.

Because of rapid expansion in the electric load, the technical program features generation, application of and control of electric energy. The Power Generation Session on Thursday will emphasize the design features and the first published operating data of the reheat machines in the new Dunkirk Steam Station of the Niagara Mohawk Power Corporation.

Electronics Park, the electronics center of the General Electric Company, will be used for the electronics and communication session. Transportation from the Syracuse Hotel to Electronics Park will be provided for those attending this session.

Syracuse is the home of the Carrier Air Conditioning

Corporation. Problems of the manufacturers and utilities with the increased usage of residential and commercial air conditioning equipment will be examined at the Thursday afternoon session.

The assignment and development of the Engineer as a Professional man will be discussed by authoritative people at the Wednesday afternoon session.

The technical sessions on Friday have been assigned to the Student Branches. The Student Papers, both Graduate and Undergraduate, are worthy of full support from the older members of the Institute and no other sessions are scheduled for this day. Student Chairmen and Student Branch Counselors will hold their annual luncheon after these sessions.

A trip through the Onondaga Pottery Company's Plant highlights an interesting and entertaining program for the ladies.

The **District Executive Committee** will hold their

NORTH EASTERN DISTRICT MEETING—PROGRAM—Syracuse, New York—May 2-4, 1951

spring meeting starting with dinner at 6:30 p.m., Tuesday evening, May 1.

Information concerning all features of the meeting may be obtained at the Registration Desk. A complete schedule of all activities, time and point of departure for all meetings and inspection trips will be carried on the bulletin board near the Registration Desk. Please consult it frequently.

ENTERTAINMENT

A stag smoker, with novel and interesting entertainment, will keep the men occupied Wednesday evening, May 2, while the ladies enjoy dinner at Tobins.

Mr. A. C. Monteith, Vice-President of Westinghouse Electric Corporation, will speak on the subject, "Engineering, Its Future", at the mixed banquet on Thursday evening, May 3. A social hour will precede the banquet. All social functions will be informal.

LADIES' PROGRAM

The ladies visiting the meeting will be provided with an entertaining and interesting program. The schedule of activities is as follows:

Wednesday, May 2

- A.M. Registration.
- 12:30 P.M. Luncheon and social hour at the Syracuse Hotel.
- 2:30 P.M. Mary Aldrich Jones will give a review of a recent New York play.
- 6:30 P.M. Dinner for the visiting ladies at Tobins—a popular Syracuse restaurant.

Thursday, May 3

- 10:00 A.M. The visiting ladies will be provided transportation to the Onondaga Pottery Company's Plant. Here they will see how the world famous Syracuse China is made.
- 1:00 P.M. Luncheon and bridge at the Bellevue Country Club.
- 6:00 P.M. Ladies are invited to the social hour and banquet at the Syracuse Hotel. Dress is informal.

Friday, May 4

- A.M. No formal program is planned. Shopping tours and visits to points of interest will be arranged for the visiting ladies upon request.

INSPECTION TRIPS

Several of the planned inspection trips have been cancelled because of Federal or State Security Regulations and those scheduled below are subject to change. It is suggested that evidence of United States citizenship be carried in the event of a change in these regulations. A nominal fee for transportation will be charged and all those participating in these trips are requested to register and use the transportation facilities as arranged by the committee in charge.

Syracuse University

During the past five years the Engineering School of Syracuse University has moved into new modern quarters, with complete laboratory equipment and facilities. An inspection trip has been arranged for Friday afternoon, which will include a complete tour of the laboratories and facilities.



Niagara Mohawk Power Corp., Syracuse, N. Y.

Electronics Park

On Thursday and Friday afternoons trips have been scheduled to visit the modern facilities of the Electronics Park Plant of the General Electric Company. In particular, a tour through the metal backed picture tube plant will feature the visit.

Movies of plant facilities will be shown where security measures prohibit inspection trips.

REGISTRATION

Members and nonmembers should register in advance by filling in the advance registration card sent with this announcement. A registration fee of \$2.00 for members and \$3.00 for nonmembers will be required upon arrival at the meeting. Student members and families of members will not be required to pay any fee.

HOTEL ACCOMMODATIONS

Arrangements have been made to provide ample room accommodations for those members attending from outside of Syracuse and vicinity. Room reservation cards will be forwarded with this mailed announcement. Room rates at the Hotel Syracuse are as follows:

Single Room	\$4.75, \$5.25, \$5.75, \$6.25, \$7.75
Double Room	\$6.75, \$7.75
Twin Bedded Room	\$7.25, \$8.25, \$9.75
Parlor Suites—Parlor, Bedroom and Bath,		\$14.50 to \$25.00

1951 NORTH EASTERN DISTRICT COMMITTEE

- J. H. McClellan, Finance
- M. H. Pratt, Technical Program
- George Pring, Publicity
- H. F. Cooke, Student
- Dave Williams, Hotels
- C. E. H. Von Sothen, Registration
- Paul O'Neill, Entertainment
- L. M. Moore, Trips and Transportation
- B. T. Cole, Social Hour
- Mrs. Paul O'Neill, Ladies' Program
- J. D. Hershey, General Chairman

ADVANCE COPIES OF PAPERS

Members may obtain preprints of numbered papers at the uniform price of 30c each (60c each to nonmembers), by sending enclosed order form and remittance to the AIEE Order Department, 33 West 39th Street, New York 18, N. Y. Mail orders (particularly from out-of-town members) are advisable, inasmuch as an adequate supply of each paper at the meeting cannot be assured. Coupon books in \$9 denominations are available for those who wish to avoid remittance by check or otherwise. Most of the papers ultimately will be published as AIEE Proceedings and in the Transactions. *District Papers* denoted by *DP.*** are intended for presentation only and are not available.

Wednesday, May 2

9:00 a.m.—Registration

10th Floor Lobby

9:45 a.m.—Symposium on Street Lighting

East Room—10th Floor
J. W. BIGLEY, Presiding

DP.** A Utility and Street Lighting. D. A. Gaffney, Niagara Mohawk Power Corp.

DP.** A Wire Manufacturer and Street Lighting. R. C. Graham, Rome Cable Corp.

DP.** A Fixture Manufacturer and Street Lighting. A. M. Bjontegard, General Electric Co.

9:45 a.m.—Computing Devices

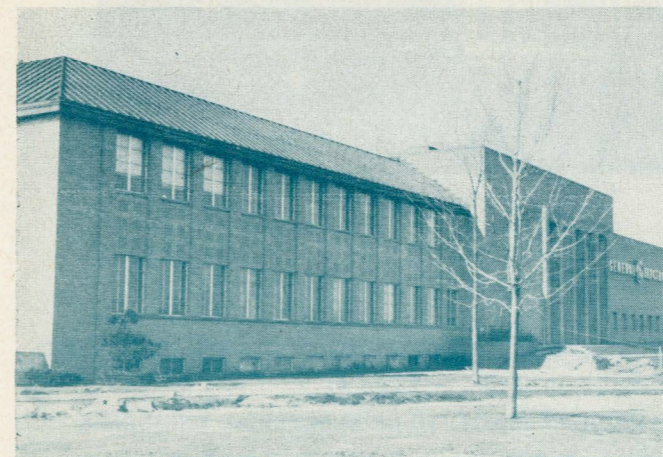
Parlors A-B-C Combined—10th Floor
F. J. MAGINNISS, Presiding

DP.** Transient Analyzer Applications. I. B. Johnson, General Electric Co.

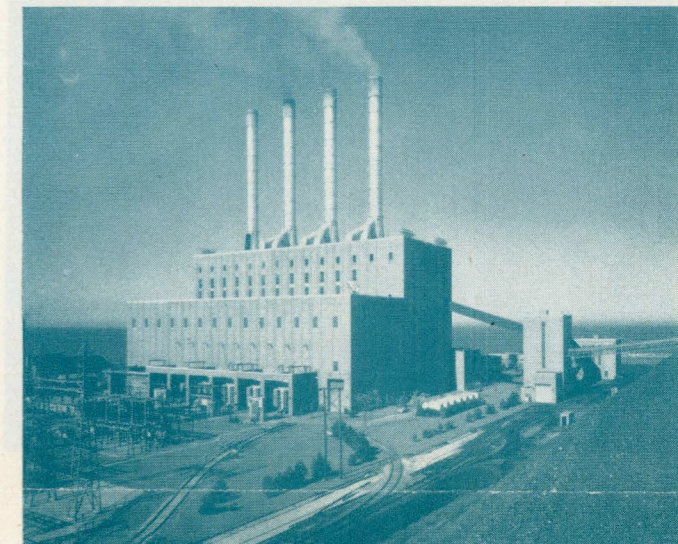
DP.** The Oarac—General Electric Company's Office of Air Research Automatic Computer. Charles Wayne, General Electric Co.

DP.** Guided Missile Calculation using the Differential Analyzer. E. G. Keller, General Electric Co.

DP.** Critical Mass Calculations for Nuclear Reactors. I. Bornstein, R. Habermann, F. J. Maginniss, General Electric Co.



Electronics Park, Syracuse, N. Y.



Oswego Steam Electric Station

2:00 p.m.—Round Table Presentation

Ballroom—10th Floor
P. F. O'NEILL, Presiding

The Assignment and Development of the Engineer as a Professional Man.

J. L. Haley, Vice President, Niagara Mohawk Power Corp.

M. M. Boring, Manager, General Electric Company's Technical Personnel Division.

L. A. Russ, Director of Management Development, Westinghouse Electric Corp.

Dr. Chester L. Dawes, Harvard University.

N. L. Freeman, Secretary, Engineering Board of Examiners, State of New York.

Thursday, May 3

9:30 a.m.—Power Generation

Ballroom—10th Floor
J. N. EWART, Presiding

DP.** Design Features and Initial Operating Experience of the Dunkirk Steam Station. R. P. Moore, Niagara Mohawk Power Corp.

DP.** Electrical Features of the Dunkirk Steam Station. J. M. Geiger, Niagara Mohawk Power Corp.

DP.** The 4th 80,000 Kw Unit at the Oswego Steam Station. Ben Green, Niagara Mohawk Power Corp.

10:00 a.m.—Electronics and Communications

Electronics Park Auditorium
E. W. KENEFAKE, Presiding

50-234. Local Wire Video Television Networks. C. N. Nebel, Bell Telephone Labs., Inc.

51-153. A New Carrier-Current Frequency-Shift System for Use With Differential Protection of Transformer Banks. R. W. Beckwith, General Electric Co.



Syracuse University Campus

Friday, May 4

9:30 a.m.—Undergraduate Student Branch Papers

East Room—10th Floor
H. F. COOKE, Presiding

9:30 a.m.—Graduate Student Branch Papers

Parlors A-B-C Combined—10th Floor
L. E. LINGO, Presiding

12:00 M.—Student Branch Chairmen's and Counselors' Luncheon

2:00 p.m.—Inspection Trips

Syracuse University—Applied Science Campus
Electronics Park

ACO.* Advance copies only available; not intended for publication in TRANSACTIONS.

DP.** District paper; no advance copies are available; not intended for publication in TRANSACTIONS.

DP.** Remote Control by Tones. J. L. Hayden, General Electric Co.

DP.** Factors in the Choice of Microwave or Carrier Current for Power System Operation and Dispatching. F. C. Krings, General Electric Co.

1:30 p.m.—Luncheon facilities available for those attending Electronics session at Electronics Park.

2:30 p.m.—Electronics and Communications

Electronics Park

Inspection Trip of Electronics Park for those attending Electronics and Communication Sessions.

2:30 p.m.—Power Generation

Ballroom—10th Floor
J. N. EWART, Presiding

51-154. The Use of Preferred Orientation Strip Steel in Turbine-Generator Stators. J. W. Apperson, C. B. Fontaine, General Electric Co.

51-155. The Effect of Unit Size on Steam-Electric Generating Station Design. J. B. McClure, A. G. Mellor, General Electric Co.

51-156. System Economics of Extra High-Voltage Transmission. H. P. St. Clair, E. L. Peterson, American Gas and Electric Service Corp.

2:30 p.m.—Air Conditioning

Parlors A & B Combined—10th Floor
S. C. Osborne, Presiding

Panel Presentation and Discussion on The Problems of Power Supply for Packaged Air Conditioning Equipment.

Utilities Viewpoint. J. W. Anderson, Philadelphia Electric Co.

Motor Manufacturers' Viewpoint. C. P. Potter, Wagner Electric Corp.

Air Conditioning Manufacturers' Viewpoint. W. L. McGrath, Carrier Corp.



Syracuse Hotel

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