

Capital Communiqué

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS

OCTOBER, 1993

PROGRAM

DATE: October 19, 1993
THEME: AWARDS NIGHT
SPEAKER: MR. SUBASH VOHRH, P.ENG

Subash is a Mechanical Engineer and worked for a variety of firms in West Germany and Canada before joining the National Research Council in Ottawa in 1966. After working for many years with projects relating to building services, HVAC field in particular, he was appointed General Manager Engineering in 1986 and in April 1990, he was named Director of Engineering and Maintenance of NRC Facilities. He has a Bachelor of Science in Engineering. Subash has been actively involved in the Energy Management and Cogeneration fields. He is a member of the APEO and ASHRAE.

SUBJECT: ENERGY PERFORMANCE CONTRACTING AND ENERGY INVENTORY AWARD

The National Research Council (NRC) Montreal Road Campus in Ottawa, Ontario Canada has successfully benefitted from the application of an Energy Performance Contracting program that began in mid-1988. The program included lighting modifications, computerized energy management control systems, retrofit of buildings, HVAC systems, and replacing inefficient equipment in four buildings. With savings up around \$360,000 per year, the total contract value was paid back in full in 38 months.

The involvement of NRC with energy management contracting has also served as pilot projects for the Canadian Federal Government and for Ontario Hydro's GEPP program. This presentation will outline the development of the above energy management contracting program and will discuss important issues learned that were later used in expanding similar programs to other NRC Facilities

In 1991, NRC received an Energy Efficiency award from Ottawa and Ontario Hydro. Subash Vohra, Director of Engineering and Maintenance was awarded the Federal Government's first Federal Energy Innovator Award on May 27, 1993.

SOCIAL - 17:30 Hrs

DINNER - 18:30 - 20:00 Hrs

PROGRAM - 20:00 Hrs

Phileas Fogg Metropolitan House
 99 Bank Street, MacDonald Room

PRESIDENT'S MESSAGE

What do you think of our October Program? As mentioned at our last meeting, Subash Vohra will be in Hawaii in November and would have been unable to make his presentation at our meeting. In lieu of moving our meeting to Hawaii and increasing the meal substantially, we were able to switch the Awards Night with the TEGA night. I hope this has not caused any inconvenience.

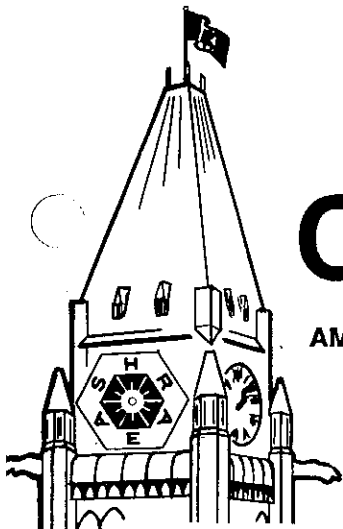
As in all new administrations, we too are experiencing some planning and implementation difficulties. Most members who attended the last meeting enjoyed an informative and entertaining evening. You too should join the fun and come out to our October meeting. The Topic is exciting and the Tour will be State-of-the-Art.

See you there.

Ross McIntyre
 President

TOUR TOUR TOUR TOUR TOUR TOUR TOUR TOUR TOUR

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TOUR OF NRC'S COGENERATION FACILITY

WHERE: Montreal Road Campus
Heating Plant, Building M-6

WHEN: October 19, 1993

TIME: 4:00 p.m.

DIRECTIONS:
Take Blair Road North from Queensway, turn left at Montreal Road, first right at entrance to NRC, stop at M-1 and ask Commissionaire directions to the Heating Plant.

QUESTIONS:
Frank Steel - 993-5093
Subash Vohra - 993-9315

MEMBERSHIP

Increased membership participation in the Chapter's activities is necessary if the Chapter is to grow and flourish. The theme for our September Chapter Meeting was Membership Night. The purpose of the evening was to promote and increase our membership participation in Chapter's activities. Let's remember that every Chapter member is automatically a member of our Membership Committee, so bring a guest, meet a new member and share your knowledge at our Chapter Meetings. For further information contact Marc Carrière at 727-5111 or fax 727-5115, or ask for application forms at the reception desk at our next meeting.

CONTINUING HVAC EDUCATION

The Educational Committee, jointly with Ottawa University, is developing an HVAC course that is expected to be offered in the school year of 1994/95.

The availability and the exact scope of this course depends on the interest among the local members of ASHRAE, Mechanical Contractors Association and BOMA.

If you would consider either taking the course yourself, or recommending that someone else from your company should take it, please call me at 736-2687 or send me a FAX at 736-2826.

Frank Vaculik
Educational Committee

SPECIAL MEALS

We have been informed that individual meals can be prepared for members and guest having special dietary requirements. On request, the catering office can provide meals suitable for diabetics, no pork, vegetarian etc. Please note that a minimum of 24 hours notice to the catering office is necessary. Arrangements can be made through the telephone committee each month.

Our thanks to Morrison Lamothe catering staff for making this possible.

TABLE TOP DISPLAY, OCTOBER MEETING

BELNOR ELECTRONICS will be displaying their line of laboratory HVAC system controls and accessories, including fume hood sensors, throttling valves, and specialty exhaust fans. Please plan to visit their display and learn more about their innovative product line!

Contact Paul Séguin at 228-9037 for more information on presenting a table top at upcoming meetings. The new 1993-1994 rate is \$100.00 per display.

TECH AND ENERGY COMMITTEE

One of the objective of our committee for the upcoming year is to provide a bit of "energy info" to the readership in the Capital Communique each month.

"One drop per second from a leaky faucet will waste enough hot water every month for 16 baths!"

"For you cooks ... er ... cooks: about 20% of an oven's heat is lost when you open the door. Also, cooking for longer at a lower temperature uses less energy than cooking for a shorter period at a higher temperature."

— SEMINAR —

OTTAWA VALLEY BID DEPOSITORY

Education Seminar - How the Bid Depository functions. Understand the relationship between plans and specs and trade contractor bids.

DATE: Wednesday, October 20, 1993

TIME: 1:30 - 4:30 p.m.

LOCATION: Ottawa Construction Association
Lower Level
196 Bronson Avenue, Ottawa.

COST: No Charge

For further information call Terry Baldock at 234-5441.

When all is said and done, more is always said than done.

Increase Your Professional Knowledge - Keep Abreast of Changing Technologies -

Attend ASHRAE's
Professional Development Seminars (PDS)

"Automatic Temperature Controls"
November 1-2, 1993

"DDC for HVAC Monitoring & Control"
November 3 - 4, 1993

In Toronto

For a complete program brochure and registration information contact **Marietta Henry** at ASHRAE Headquarters (404-636-8400, Fax 404-321-5478).

CHAPTER DOES NOT ACT FOR SOCIETY



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