



## **INSTITUTE OF POWER ENGINEERS OTTAWA-GATINEAU BRANCH**

IPE Ottawa – Gatineau Branch Election & Plant Tour Wednesday November 18<sup>th</sup> 2015

Our Plant Tour was at the University of Ottawa and started at 7:30 PM . Before the Tour ,we got together for a meal at the University Tavern located across the street from the Power Plant at 6:00 PM . Then just before the Tour we held our Elections for our 2016 Executive for our Branch of the IPE at 7:00 PM in a conference room at the University .

Bert Tardif ; who is not a member of the Executive , presided over the elections . Stephane Berger nominated Rick Whitford for President . Mike Noonan seconded the motion . Stephane Berger nominated Mike Noonan for President . Zbyszek Slojewski seconded the motion . Nominations for President were then closed . Mike Noonan declined the nomination . Rick Whitford accepted the nomination and became our Branch President for 2016 by acclamation . Stephane Berger nominated Mike Noonan for Vice – President and Gilles Leclair seconded the motion . Mike Noonan accepted the nomination and became Vice – President of our Branch for 2016 . Gilles Leclair nominated Keith McCaig for second Vice – President . Mike Noonan seconded the motion . Keith McCaig accepted the nomination and became the second vice – president for 2016 . Stephane Berger nominated Zbyszek Slojewski for Secretary . Bob Pollak seconded the motion . Zbyszek Slojewski accepted the nomination and became the Secretary for 2016 . Mike Noonan nominated Stephane Berger for Treasurer and Gilles Leclair seconded the motion . Stephane Berger accepted the nomination and became the Treasurer of our Branch of the IPE for 2016 . Stephane Berger nominated Mike Noonan for the position of first Auditor . Sylvain Neault seconded the motion and Mike Noonan accepted the nomination and became the First Auditor of our Branch of the IPE for 2016 . Gilles Leclair nominated Bob Pollak for the position of Second Auditor . Zbyszek Slojewski seconded the motion . Bob Pollak accepted the nomination and became the Second Auditor for 2016 . The position of Warden was left vacant for 2015 but this time Bob Pollak nominated Kevin McCaig for the position of Warden . Stephane Berger seconded the motion and Kevin McCaig accepted the nomination and became Warden for 2016 . Stephane Berger nominated Gilles Leclair for the position of First Area Representative and Rick Whitford seconded the motion . Gilles Leclair accepted the nomination and became the First Area Representative for 2016 for our Branch of the IPE . Mike Noonan Nominated Allan Whetter for the Position of Second Area Representative and Stephane Berger seconded the motion . Gilles Leclair mentioned a few days before this meeting that Allan Whetter would accept the nomination for Second Area Representative just in case he could not attend this meeting and therefore Allan Whetter became Second Area Representative for 2016 of our Branch of the IPE . Zbyszek Slojewski nominated Mike Noonan for the position of Alternate Area Representative and Stephane Berger seconded the motion . Mike Noonan declined the nomination . Gilles Leclair nominated Stephane Berger for the position of Alternate Area Representative and Mike Noonan seconded the motion . Stephane Berger accepted the nomination and became the Alternate Area Representative for 2016 for our Branch of the IPE .

After the Branch Elections were finished we received a presentation from Mike Noonan and Stephane Berger who work at Ottawa University as Power Engineers. The presentation revealed a number of facts about the University of Ottawa. We found out that the University of Ottawa was created in 1848 (before confederation). The University has 45,000 students; 5,500 academic employees; and 2,800 support staff. The University of Ottawa is the largest French and English University in world. The Power Plant is rated as a First Class Plant.

We went on to tour the Power Plant after the presentation. Ottawa University has its own "in house" electricians, plumbers, and carpenters. Because there are a lot of tunnels (About 3 KM long) in the campus; carts (look like golf carts) are available for any emergency repairs and maintenance that need to be taken care of quickly. We saw the four high pressure steam boilers. One of these boilers is a Cleaver Brooks D-Type able to put out 40,000 pounds of steam per hour. There are also two Vicker D-Type water tube boilers. We saw the newly installed (in 2015) Flue Gas Heat Recovery Unit that recovers waste heat from #3 and #4 boiler exhaust. This recovered waste heat warms up the feedwater (heat recovery loop buffer tank) going into the boiler and it represents a 6% to 7% saving on energy. We also saw the snow melters outside which look like pits in the ground that melt snow plowed from the parking lot.

On the Chill water side we saw four chillers with a free cooling system for winter. One of the chillers is a 1200 ton Lithium Bromide chiller, another is a 1300 ton Carrier Chiller and there is a 3 stage compression chiller. After we saw the air compressors; the place for doing water tests; the softeners; chemical storage area; locker room and lunch room; we saw the Steam turbine connected to the Electric generator that makes any extra electric power if needed. If too much electricity is produced, the excess is sold to Ottawa to reduce the University electric bill. We ended up in the control room to see about 7 or 8 computer screens that have overall control of all of these systems. The Plant Tour was over at about 9:30 PM.

Zbyszek Slojewski  
*Secretary*  
*Institute of Power Engineers*  
*Ottawa-Gatineau Branch*