

2019 Leadership Award



Shane Mailey, P.Eng., FEC

Shane Mailey, P.Eng., FEC, is the Vice-President of Transmission at Manitoba Hydro, a position he has held since 2013. He is also Manitoba Hydro's Corporate Chief Engineer. Shane graduated from the University of Manitoba with a B.Sc. in Civil Engineering in 1990 and joined Manitoba Hydro in 1991. Prior to his appointment as Vice-President, he was the Division Manager of Transmission and Line Maintenance which included design, construction management, contract administration, project management, and operations and maintenance.

In his current role as Vice-President, Shane is responsible for executive oversight of the bulk electric system for Manitoba Hydro to ensure the reliable and efficient operation of that system and that there is continuous capacity in the electrical grid to meet demand and regulatory requirements in the Province of Manitoba. As Division Manager for Construction, Shane was involved in the early planning stages of Bipole III and helped lay the groundwork of those early stages. But it was later in his role as Vice-President of Transmission that his leadership characteristics came through. Bipole III is a very complex system, utilizing many different types of technology to transport high voltage electricity from the northern regions of the Province to the southern regions where most of the electrical demand is consumed.

Prior to the development of Bipole III, approximately 70% of Manitoba Hydro's transmission capacity relied on two transmission lines that were near each other creating significant risk due to major weather events that could result in loss of both lines. Bipole III, not only reduces this risk substantially but also allows greater flexibility in maintaining and refurbishing portions of the previously existing transmission system.

Shane's vision, dedication and leadership helped bring one of the largest transmission construction projects ever performed in North America to fruition. He not only led Manitoba Hydro staff by empowering them with the necessary tools and resources, but also worked with the main contractors to help them meet the very challenging schedule for the project while at the same time keeping safety at the forefront of all construction activities. He was also involved with strengthening Manitoba Hydro's relationships with several affected stakeholders including several Manitoba Indigenous communities that were located along the route. Shane's personal involvement was incredibly impactful on Bipole III and contributed to ensuring a safe and reliable supply of electricity from northern Manitoba to southern Manitoba and beyond.

Shane has been an active member of Association committees, notably the Engineering Changes Lives Provincial Steering Committee which advises on strategies to meet the Association's objective to have 30% of newly licensed engineers be women by 2030. As a result, he has formed a committee at Manitoba Hydro to understand the barriers to achieving gender parity in engineering and is implementing plans to address those barriers. Shane has also undertaken the role of Co-Chair for the Manitoba 2030 Coalition, a group of industry leaders committed to the 30 by 30 goal and has championed the endorsement of 30 by 30 by Friends of Engineering. Shane understands and continuously demonstrates his commitment to diversity and inclusion at Manitoba Hydro, and champions a positive work environment that helps the Corporation attract and retain high-quality individuals in our engineering workforce.

In recognition of his outstanding leadership, commitment to the profession, and service to the community at large, Engineers Geoscientists Manitoba is pleased to present the 2019 Leadership Award to Shane Mailey.