

OPG: Careers in Engineering and Applied Science – Type of Work

Engineering Division	Fossil	Hydroelectric	Nuclear	Corporate Functions
Station Engineering provides support to plant operations to assure operation of the reactors within design and licensing requirements, and improve system and station performance.			✓	
Plant Maintenance, Production and Support provides support to the plant operations to improve systems and station performance		✓		
Plant Design acts as the Design Authority for the station, to specify and authorize design modifications.			✓	
Projects staff support the planning, control, and execution of projects at our generating stations.	✓	✓	✓	
Engineering Services is responsible for key performance and testing issues across the stations, involving component integrity, welding, steam generator performance, metallurgy, and chemistry. In the Nuclear business unit, Engineering Services is also responsible for digital computer performance; in the Fossil business unit, Engineering Services is also responsible for noise and environment analysis.	✓	✓	✓	
Inspection and Maintenance conducts several different inspection programs on many of the nuclear components such as pressure tubes and steam generators.			✓	
Nuclear Generation Development Division is responsible for proposed refurbishment considerations of the existing Pickering B and Darlington plants.			✓	
Darlington New Nuclear Project Division is responsible for the overall delivery of the Nuclear new plant at the Darlington site.			✓	
Operations and Maintenance provides day-to-day support to plant operations and maintenance, and responds to technical issues in power equipment and process controls.	✓	✓	✓	
Asset Management offers detailed technical support to Operations and to Projects and provides expertise in the areas of business strategy, planning, programming and asset portfolio management.	✓	✓		

<p>Hydroelectric Engineering Division & Hydroelectric Support Function Divisions provides engineering leadership across the province, help meet rising energy demands, and contribute to the planning and design of new Hydroelectric developments throughout Ontario.</p>		✓		
<p>Business Development provides detailed technical support and expertise in the areas of business strategy, planning, programming, asset portfolio management and investment decision support.</p>	✓			
<p>Environment staff provide support and guidance on implications of the latest environmental developments as they relate to the design, construction, engineering, and operation of our Fossil fleet.</p>	✓			