

About the Skills Framework for Energy and Power

The Skills Framework for Energy and Power will be a reference for the energy sector to guide:

- Individuals in making informed decisions on career development, progression and education;
- Human resource policies in talent attraction, retention and staff development;
- Institutes of Higher Learning and training providers in aligning their curriculum for both pre-employment training and Continuing Education Training to benefit mid-career professionals and students who are interested to join the energy sector;
- Employees and industry players in staying relevant in terms of job roles, skills, competencies, and attributes in light of the emerging trends.

Below is a short description of the career tracks.

Career Tracks	Descriptions
Terminal Operations and Fuel System Operations	Involves the movement and storage of oil or cargo in power generation facilities and shipping terminals to ensure that oil of suitable quantity and quality is stored for clients or transported to the power generation station to generate electricity.
Power Generation	Involves the operation and maintenance of power generation facilities to produce electricity, whilst ensuring that the quality

	of water in the facility's equipment is maintained to optimal standards.
Energy Trading and Portfolio Management	Involves the buying and selling electricity and oil in the short and long term for capital gains or to optimise the organisation's portfolios whilst managing associated risks.
Distributed Generation	Involves the management of solar PV and ESS installation projects, from selling and financing to implementation, as well as the maintenance of the installed infrastructure.
Electricity Transmission and Distribution	Involves the management of electricity transmission and distribution infrastructure through planning, construction, operations and maintenance to ensure a reliable supply of electricity in Singapore.
Gas Systems Operations	Involves monitoring the supply and demand of gas in Singapore to predict and resolve imbalances.
Town Gas Production and Plant Maintenance	Involves the operation and maintenance of town gas plant facilities to produce town gas.

Gas Transmission and Distribution	Involves the management of gas transmission and distribution infrastructure through planning, construction, operations and maintenance to ensure a reliable supply of gas in Singapore.
Town Gas Technical Services	Involves the coordination of installation projects for gas equipment through budgeting, procurement and stakeholder relations, and the inspection and servicing of installed equipment.
Energy Retail	Involves the marketing, pricing and selling of electricity, gas and/or demand management service products to customers, and the provision of customer service to drive customer satisfaction levels and resolve billing and settlement issues.
Liquefied Natural Gas (LNG) Trading and Research	Involves the buying and selling of LNG to take advantage of price volatilities in the market and generate revenue for the firm.