

## **Manufacturing, Technology and Energy**

Thank you Chairman Benninghoff, and members of the Policy Committee for allowing the Shell Chemicals business to comment on manufacturing and workforce development in Pennsylvania.

Shell Chemical LP (“Shell”) is focusing on building its future workforce for Shell Chemical Appalachia LLC’s facility under construction in Beaver County. Shell is working closely with local educational and training institutions to maximize the development of the local talent pool from where Shell hopes to hire a majority of its workforce.

The workforce at the facility will comprise three main categories: engineers, field personnel and professional disciplines.

As is typical in most manufacturing environments, engineers will manage the site and its personnel. While there can be a wide variety of engineering disciplines found in a manufacturing environment, four of the most common engineer types are:

- Chemical, Electrical, Mechanical and Environmental.

Process operators and craft positions working in control rooms and out in the field represent the second category of workers. The positions within this category are wide-ranging and include:

- Process Operators and Technicians, Electricians, Analyzer Technicians, Welders, Pipefitters, Boilermakers, Heavy Equipment Operators, Carpenters, Insulators, Painters and Millwrights.

Much of the work done by this second category of workers will be planned and coordinated by co-workers holding positions such as:

- Maintenance Supervisor, Maintenance Planner and Production Team Leads.

Specific professional disciplines represent the third category of workers; common professional disciplines in an industrial setting include:

- Health and Safety Manager, Safety Specialist and Environmental Personnel.

While the facility will run on a 24/7/365 basis, typically the engineers and professional staff will work on a Monday to Friday schedule, except during heavy workload periods or during emergency situations. Most of the site’s field personnel will work on a rotating shift basis, providing round-the-clock production from the site. Some field personnel (such as maintenance) will also work a weekday schedule except during heavy maintenance periods.

The site assessment phase of 2012-2016, followed by the current construction phase, has provided Shell excellent lead time in formulating local relationships and in supporting local institutions and programs that are working to create the workforce of the future for Shell and other industry members.

The Shell Chemicals business is proud to have a new home in Pennsylvania, and we look forward to developing and hiring a locally based workforce who will transition the site into its operations phase upon completion of the current multi-year construction activities.