Capability Statement



Pharma

Power Plan Services (PPS) Ltd is an engineering consultancy offering practical and cost-effective solutions for complex building services and utilities infrastructure in the process industries. Nick Wells of PPS has more than 30 years' experience in temperature-critical, process industry applications in life sciences and pharmaceutical plants.

Nick's expertise ranges from low temperature process and HVAC refrigeration, complex piped services, clean room HVAC and ultrafiltration through to steam generation and distribution. As a low carbon technology expert and specialist in energy efficient design Nick is passionate about introducing LZC technologies into the pharmaceutical industry.

Our range of diagnostic and design tools ensure the engineered solution meets the specific requirements of the client.

Power Plan Services pharma projects and activities have included:

- Performance enhancement of the utilities' infrastructure of a large UK pharmaceuticals plant.
- Modelling of the HVAC chillers and hydraulics and performance review of site wide process cooling systems.
- Asset replacement and enhancement including the installation of new cooling towers, HVAC and process chillers and extension of the pipework distribution to improve system resilience and future-proof capacity requirements.
- Development of CHP design for the Dry Products division of US pharma co.
- Development of trans-critical CO2 based low temperature refrigeration plant for process cooling asset replacement project.

Power Plan Services helps improve resilience and operational effectiveness of engineering utilities and specialist services, which underpin the processing and manufacturing functions. We help reduce energy consumption and running costs, minimize environmental impact and improve wider business performance.





