gPROMS Utilities is an advanced site-wide platform for managing and optimising utilities operation.

It provides a means for refineries and chemical plants to optimise on-site production and distribution of energy to minimise cost and CO₂ emissions. Typical annual savings run to millions of dollars or euros.

Planner and Advisor views make it easy to plan and operate in the most cost-effective way while meeting all constraints of the system.
gPROMS Utilities is a family of Operational Excellence solutions that helps Planning and Operations personnel maintain site-wide utilities system operation as close to the economic optimum as possible.

**g| UTILITIES Advisor**

- Powerful, fast and robust optimisation framework
- Globalisation strategy for better optimum
- Multiple optimisations provide operators with ranked choices
- Real-time advice for operators
- Data reconciliation and cleansing
- Equation-oriented environment for fast, robust solution
- Operators can choose actions for different levels of saving

gPROMS Utilities Advisor continuously optimises operation based on real-time system data, plant demands, cost information and equipment availability. It provides operators with real-time advice for optimising current operation in the form of a ranked list showing potential savings for each action.

**g| UTILITIES Planner**

- Weekly or monthly planning
- Takes into account equipment availability
- Customised Planner view for easy input and visualisation

gPROMS Utilities Planner allows optimal site management over short, medium and long term horizons, taking into account anticipated demands and equipment availability. It can also provide decision support information for contract negotiation.

**Supply**

PSE supplies gPROMS Utilities Advisor & Planner as a gPROMS Operation Excellence Solution. Our team will configure the utilities model, tune it to your data where required, link it to your plant database or historian and implement the system on site.

Find out how PSE can help you to optimise utilities planning and operation

psenterprise.com