BPT-EXT™
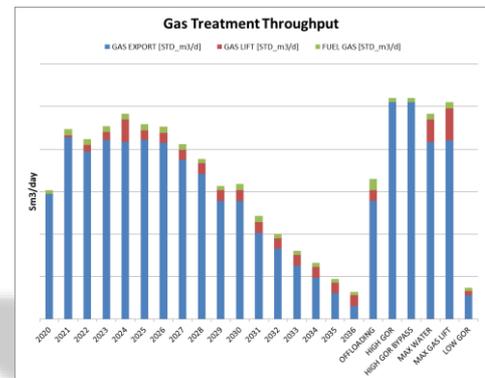
Accelerate simulation execution and reduce reporting time

Steady State:

- ➢ Efficient data capturing : Complete data extraction to Excel in one click
- ➢ Automated life cycle simulation
- ➢ Automated line sizing calculations
- ➢ Automated data selection for separator and scrubber sizing
- ➢ Life cycle data for pumps, heat exchangers, compressor design

Dynamic:

- ➢ Trends data extractions
- ➢ Case by case comparison at a click
- ➢ Consistent trend reporting

The bottom line
Analysis of multiple cases becomes a simple job with a structured approach, eliminating errors that otherwise easily occur in data transfer.

Share consistent data within your organization without further simulation software usage.

BPT was founded 1998 in Norway. We develop and provide Apps for Process Simulation™.
We deliver independent and trusted third-party specialist consultancy services to the upstream oil & gas industry, combining experience with leading edge simulation tools using our Apps.

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Case Reporting

[Add case(s) from file(s)]
[Add from open case]
[Update table for all cases]
[Clear case list]

Case Studies

[Retrieve PDT from HYSYS]
[Create Cases study cases]

Data Extraction from Steady State Simulations

BPT-EXT™ steady state reporting tool extracts process information from steady-state simulators for further treatment in Excel.
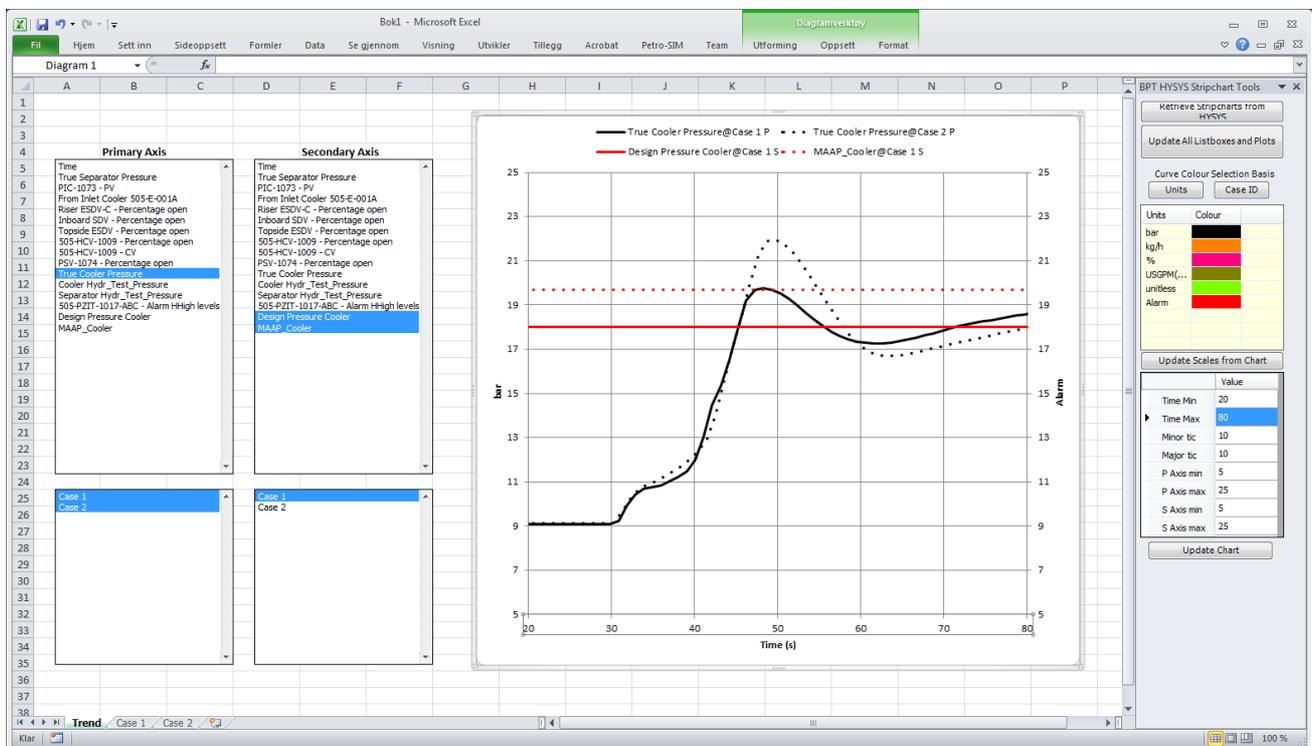
BPT-EXT™ extracts design information for streams and unit operations of the selected types. The tool extracts single case data or multiple case data for quick and effective comparison.

BPT-EXT™ provides a general reporting template, as well as specific templates for line sizing, separator sizing and hydrate formation reporting. The templates are customizable to fit your company standards.

Data Extraction from Dynamic Simulations

BPT-EXT™ strip chart reporting tool addresses the need for plotting trends of multiple cases in a single plot. The tool transfers data from the simulator. BPT–EXT™ sets up Excel sheets to contain trends in the Excel Workbook. Trends can be colour coded based on the variable type (e.g. pressure) being plotted, or based on the case ID.

The end-result is a "normal" Excel file - no process simulator license is required once the data transfer is complete. Share data within your organization without further simulation software usage.

Apps for Process Simulation™