EMK3 Plant Ops – Allocations Module

Powerful tools to manage critical plant operation functions

☑ Natural Gas ☑ NGLs ☑ Oil

Performing complex allocations of all Gas and NGL components is core to any plant accounting system. For this, EMK3 offers the Allocations Module.

The **Allocations Module** provides powerful tools to manage critical plant allocation functions. It performs all component allocations back to receipt meters and producers. It also gives easy to read screens which detail all calculations organized into industry standard categories like "Gross Wellhead", "Field Fuel/Loss", "Delivered to Other", "Net Delivered", "Liquid Theoretical", "Liquid Allocated", "Liquid Shrink", "Plant Fuel", "Plant Flare", "Theoretical Residue" and "Allocated Residue".

Key Features

- **Calculate Allocations:** Apply a variety of allocation methodologies and volume deductions to calculate allocations down to a meter then producer level.

- **See all Allocation Details:** See all allocation details organized into easy to read screens using industry standard terminology. This includes "Gross Wellhead", "Field Fuel/Loss", "Delivered to Other", "Net Delivered", "Liquid Theoretical", "Liquid Allocated", "Liquid Shrink", "Plant Fuel", "Plant Flare", "Theoretical Residue" and "Allocated Residue".

- **Supports Full NGL Composition:** Allocate all liquids on a meter's gas analysis using MOL% and GPM.

- **Supports Condensate:** Allocate crude oil condensate and convert between gallons and barrels.

- **Supports Sulfur:** Allocate sulfur based on MOL% and convert to long tons.

- **View All Activity from a System Overview:** See a high-level summary of plant activity from a "System Overview" including Total Wellhead, Total Field Fuel/Loss, Total Net Delivered, Total Plant Fuel and Flare, Total Gallons by product, and Total Residue.

- **Generate Reports:** Allocation Summary Report, Contract Party Allocation Report, Contract Party FL+U Detail Report, and more.
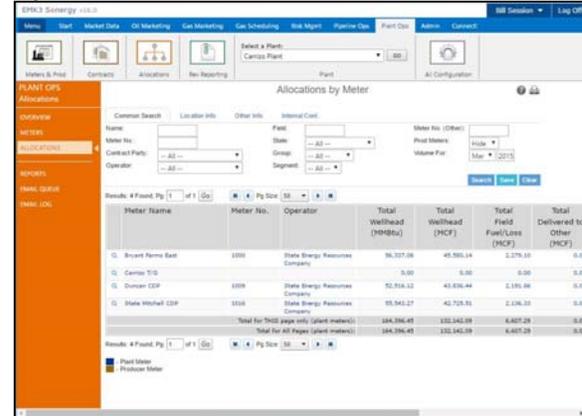
Fig. 1 – **Meter Allocations**
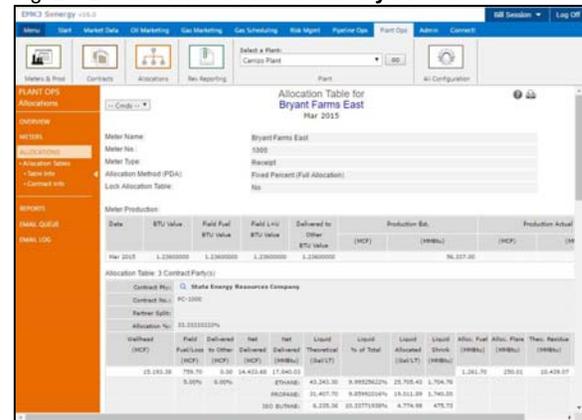

Fig. 2 – **Detail of Meter Allocations by Producer**

Fig. 3 – **Contract Party Allocation Report (Excel)**