



EMK3 Midstream for Pipeline – Meters and Production Module

Make responsive operational decisions with accurate, timely, and reliable volume information

Access to accurate, timely, and reliable meter status and volume information is critical to pipeline operations. This can impact system balancing, shipper balancing, and nominations. For this, EMK3 offers the Meters and Production Module.

The Meters and Production Module stores basic information on all meters on the pipeline. It provides a single portal for all volume information critical to pipeline operations. It integrates with your production system to receive volume information from the field. In addition, it integrates with your gas plant system to receive plant allocated volumes.

Key Features

- **Configurable Pipeline Setup:** Manage multiple pipelines each with their own segments, capacity, pressure base, meters, and more.
- **Manage Meter Information:** Manage basic information on all meters on the pipeline. Information includes meter name, meter no., meter type and status, operator, segment, capacity and more.
- **Support Multiple Allocation Methodologies:** For each meter, specify the allocation methodology (PDA). Choose from Pro-Rata Based on Noms, Keep-Whole, Fixed Percent, and Pro-Rata with Keep-Whole.
- **Track Shipper Entitlement and Allocation Percents:** For each shipper on a meter, enter entitlement percents and fixed allocation percents.
- **Store Production Data:** Store daily "Estimated Actual" and "Actual" production information in both MCF and measured MMBtu.
- **Store Gas Analysis Data:** Store various gas analysis information such as BTU, Pressure, Temperature, CO2, N2 and more.
- **Store Allocated Gas Plant Data:** Store gas plant allocated volume by meter for residue, bypass, and shrink.
- **Store Gas Plant PVR Data:** Store gas plant PVR percent for use on shipper entitlement and balancing calculations.
- **Integrate with Production and Gas Plant Systems:** Integrates with your production system to receive daily meter readings. Also integrates with your gas plant system to receive plant allocated volumes
- **Define Information Alerts:** Set up various types of automated user alerting, such as a change in production volume or a meter added.
- **Generate Reports:** Meter Information, PDA by Meter, Monthly Production, Average Production, and more.

Fig. 1 – List of Pipeline Meters

Meter Name	Meter No.	Operator	Type	Prod-M
AM CAMP TR 1-24	030512	Kam-McGee Rocky Min. Corp.	Receipt	
AM COOK TR 1-12	030599	Kam-McGee Rocky Min. Corp.	Receipt	
AM COSLETT 6 TR 1-1	030574	Kam-McGee Rocky Min. Corp.	Receipt	
AM DAMIARA TR 1-18	030586	Kam-McGee Rocky Min. Corp.	Receipt	
AM GETZ TR 1-18	030610	Kam-McGee Rocky Min. Corp.	Receipt	
AM HAGANE TR 1-12	030553	Kam-McGee Rocky Min. Corp.	Receipt	
AM HOLTEN TR 1-6	030573	Kam-McGee Rocky Min. Corp.	Receipt	
AM HOUSTON TR 1-17	030614	Kam-McGee Rocky Min. Corp.	Receipt	
AM HUBERT TR 1-33	030626	Kam-McGee Rocky Min. Corp.	Receipt	
AM KING ADDIE TR 1-4	030372	Kam-McGee Rocky Min. Corp.	Receipt	
AM KURTZ 6 TR 1-20	030609	Kam-McGee Rocky Min. Corp.	Receipt	
AM KURTZ C TR 1-21	030617	Kam-McGee Rocky Min. Corp.	Receipt	
AM NELSON A TR 1-31	030640	Kam-McGee Rocky Min. Corp.	Receipt	
AM NISHIMOTO TR 1-36	030565	Kam-McGee Rocky Min. Corp.	Receipt	
AM NORDBY C TR 1-14	030666	Hobbe Energy	Receipt	

Fig. 2 – Meter PDA Information

PDA Effective Date for NARCO ARENS 33-15

Meter No. (Primary, Other): 065516
 Meter Name: NARCO ARENS 33-15
 Flow Direction: Receipt
 Allocation Method (PDA): Fixed Percent
 Effective Date: December, 2008

2 Partner(s)

Contract No.	Shipper Name	Allocation %	Split	Entitlement Owner	Entitlement %
POP	ENRPOP	79.00000000		EnCana Energy Resour...	79.00000000
35050	Kam-McGee Rocky Min...	21.00000000		Kam-McGee Rocky Min...	21.00000000
KW - Keep-Whole		Totals:		100.00000000	100.00000000

Internal Control: Edit

Internal Notes:
 Production System ID:
 Accounting System ID:
 Data Entered On: 1/9/2009 2:16:42 PM By: zck3
 Data Last Updated On: 7/6/2009 10:45:12 AM By: zck3

Fig. 3 – Meter Production

