

TIES BY MOLECULE: THE INTEGRATED ENERGY SYSTEM.



With 30+ years of midstream domain logic built in, contract logic for POP, fixed recovery, keep-whole, capped, and tiered agreements comes native to TIES.

TIES handles physical gas operations: nominations, scheduling, allocations, and settlements, connected to the trades you already run in Molecule.

Nominations + Scheduling

TIES tracks nominated, scheduled, and allocated volumes at every receipt and delivery point, daily and intra-day, applying MDQ logic across pathed and non-pathed models and calculating. Available-for-Sale volumes at the wellhead or meter.

Contract Logic + Allocations

Whatever your agreements look like, TIES applies POP, fixed recovery, keep-whole, capped, and tiered recovery logic automatically, allocates fuel and line loss from measured, stated, tiered, or calculated values, and applies system-generated curtailments based on capacity and contract terms.

Settlements + Accounting

TIES turns allocations into statements and invoices automatically, calculates well netback pricing from market to wellhead, and gives plant, accounting, and leadership teams one place to review the same numbers.

Integrations

Standard APIs connect TIES to ERP, pricing, measurement, and third-party systems, including SCADA-compatible accounting and measurement platforms, with OData feeds available for every query. It connects to the trades you already run in Molecule, keeping planning and execution connected.

INSIDE TIES.

Nominations & Scheduling

- Pipeline and gathering nominations
- Nomination confirmations and scheduling
- Receipt and delivery management
- Curtailments
- Scheduled versus actual reconciliation
- Shipper communication
- Operational dashboards and reporting

Imbalance Management

- Pipeline and gathering imbalances
- Shipper and owner imbalances
- Storage balances
- Cash-outs
- Operational balancing
- Historical imbalance tracking

Settlements, Invoicing & Accounting

- Transaction settlement
- Transportation and service invoicing
- Producer and counterparty statements
- Fee and rate calculations
- Accounting exports
- ERP integration
- Reconciliation and audit support
- Producer netback and settlement workflows

Allocations & Plant Accounting

- Daily and monthly allocations
- Gathering and processing allocations
- POP, keep-whole, fixed recovery, and other processing methodologies
- Measurement integration
- Ownership and contract-based allocation logic
- Plant accounting and settlement support

Pipeline & Storage Operations

- Pipeline transportation
- Storage
- Wheeling
- Park and loan
- Contract capacity and rates
- Receipt and delivery points
- Shipper-facing workflows
- Invoicing and statements

Automation, Data & Integration

- APIs and file-based integrations
- Pricing and market data
- Measurement and volume interfaces
- ERP and accounting integrations
- Automated business rules and alerts
- Excel and operational reporting
- Configurable workflows

BUILT FOR

PRODUCERS | GATHERERS & PLANT PROCESSORS | PIPELINE & STORAGE OPERATORS | MARKETERS & TRADERS