

Optimize your fuel transactions with automated, real-time access to OPIS wholesale rack pricing delivered directly into your systems via a secure REST API. The OPIS Rack API gives you supplier-level and summary rack prices across the U.S. and Canada, plus deep historical benchmarks, in a flexible, machine-readable JSON format.

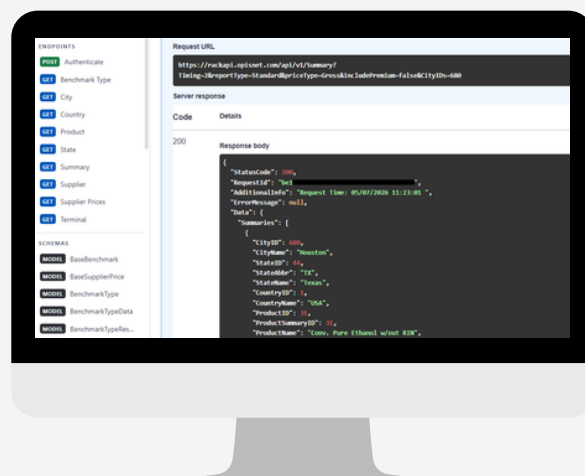
Market Challenge

Fuel buyers, sellers and risk managers need **timely, transparent rack pricing** to support negotiations, hedging and day-to-day operations. Traditional delivery methods — such as email attachments and FTP files — can create delays, involve manual processing and increase operational complexity before data reaches trading, procurement or analytics tools.

As markets move faster and organizations depend on real-time analytics, dashboards and automated workflows, teams need direct programmatic access to trusted OPIS rack benchmarks without relying on FTP or email delivery.

Benefits

- **Automate rack pricing workflows.** Replace manual Email/FTP processing with automated API delivery to reduce operational risk, improve efficiency and accelerate data availability across trading, procurement, risk and back-office systems.
- **Real-time and intraday insight.** Access live/real-time prices and frozen snapshots throughout the day to monitor market moves and manage exposure.
- **Historical benchmarks.** Access benchmark pricing history dating back to January 1, 2016, for Contract, Closing and Calendar Day benchmarks, with additional historical coverage available for snapshots and Newsletter timing data to support trend analysis, forecasting, modeling, reconciliation and back-testing.
- **Granular product and benchmark options.** Extract gross and net prices across Standard and Terminal report types, a broad set of benchmarks (Contract, Closing, Calendar Day, Newsletter) and specialty benchmarks such as 2nd Low, Low 2 Average and Low 3 Average.
- **Broad geographic and product coverage.** Access wholesale rack pricing across U.S. and Canadian rack cities and terminals, including gasoline (excluding special octane), diesel (including renewable diesel), aviation gasoline, jet fuel, biodiesel blends and pure ethanol.
- **Secure, scalable integration.** Use HTTPS-encrypted requests with JSON Web Token (JWT) authentication to securely integrate OPIS data into enterprise applications, internal tools, cloud platforms and BI environments.



How We Help

For more than 30 years, the wholesale fuel industry has relied on OPIS rack price benchmarks to set contracts for billions of gallons of fuel annually. The OPIS Rack API delivers trusted OPIS rack benchmarks through a secure, web-based service that enables organizations to:

- **Direct-to-system delivery** of OPIS rack prices directly into internal systems using standard HTTP methods and JSON responses.
- **Automated retrieval** of live prices, frozen intraday snapshots & benchmarks, reducing manual processing and file-based workflows.
- **Accelerate onboarding** with interactive API documentation, OpenAPI/Swagger test calls and guidance for Excel, Power BI, Postman, Python, Java and C#

Who We Help

The OPIS Rack API supports both business and technical users, including:

- **Procurement and management procurement teams** supporting contract negotiations and supplier strategy
- **Traders and risk managers** monitoring intraday moves and managing exposure
- **Wholesalers, distributors and jobbers** evaluating prices in their markets
- **Retailers and municipalities** evaluating supply options and validating invoices
- **Market analysts and researchers** performing forecasting and trend analysis
- **Data teams and developers** integrating OPIS rack data into internal applications, data warehouses and BI tools

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Delivery & Integration

- **Interface:** Web-based REST API using standard HTTP methods and JSON response format
- **Compatibility:** Designed for integration with BI tools, spreadsheets, custom applications and enterprise systems
- **Documentation:** The Rack API Documentation site includes Developer Documentation, user guides, endpoint and parameter definitions and more. The OpenAPI/Swagger site includes test calls, JSON schema and specifications.

Authentication & Security

- **Process:** Authenticate using OPIS web account credentials to obtain a JSON Web Token (JWT) via the [/Authenticate](#) endpoint
- **Token usage:** Include the JWT in request headers for subsequent API calls
- **Access control:** Historical access is governed by your licensed history start date and subscription entitlements

Data	Options	Subscription Access
Country	U.S. and Canada	Subscription is per rack city
Price Types	Gross, Net	Included
Report Types	Standard, Terminal	Included
CAR/LCFS Normalization	As Reported, CAR/LCFS Cost Included, CAR/LCFS Cost Excluded	Included
Frequency	Daily [Monday – Saturday]	Included
Timings	Real-time/Live Timing Real-time, on-demand supplier and summary prices [Monday-Saturday only]	Included
	Benchmarks Timings Contract, Closing, Calendar Day, Newsletter	
	Snapshot Timings 5:30 AM, 6:45 AM, 7:30 AM, 9:00 AM, 11:00 AM, 2:00 PM, 7:15 PM, 8:15 PM, 9:15 PM, and 10:15 PM ET	
Specialty Benchmarks	Premium Benchmarks 2nd Low, Low 2 Average, Low 3 Average	Included
	Newsletter Benchmark U.S. 5-Day Newsletter Averages	
	Biodiesel Benchmarks OPIS Market Index [OMI] [Tax Adjusted [and Non-Tax Adjusted]]	
Historical Coverage	Benchmarks back to January 1, 2016 (Contract, Closing, Calendar Day) <i>Note: Please see the "Historical Availability" section on the Rack API Documentation site for the Newsletter and snapshot timing availability</i> Limited Access: Rolling History [or days back]	Access based on licensed history start date
Products	Gasoline [excludes special octane] Diesel [includes Renewable Diesel] Aviation Gasoline Jet Fuel [excludes Commercial Jet Formula/Non-Formula] Biodiesel [includes B21 and above blends] Pure ethanol	All included

Rack API Endpoints [v1]

Base URL: rackapi.opisnet.com/api/v1

Available endpoints:

- [/Authenticate](#) – Authenticate with OPIS web account credentials to retrieve a JWT required for API access.
- [/BenchmarkType](#) – Retrieve active benchmark IDs and benchmark types (e.g., Contract Average, Contract Low, Contract High).
- [/City](#) – Retrieve all or subscribed U.S. and Canada rack cities.
- [/State](#) – Retrieve all or subscribed states/provinces, with country IDs and names.
- [/Country](#) – Retrieve available countries (currently U.S. and Canada).
- [/Product](#) – Retrieve active and inactive wholesale rack gasoline, diesel and biodiesel products.
- [/Supplier](#) – Retrieve all active and inactive wholesale rack suppliers.
- [/Terminal](#) – Retrieve all active and inactive wholesale rack terminals.
- [/Summary](#) – Retrieve wholesale rack summary/benchmark prices for all or a subset of subscribed prices based on defined query parameters.
- [/SupplierPrices](#) – Retrieve wholesale rack supplier prices based on defined query parameters, complementing the [/Summary](#) endpoint.

Getting Started

To get started with the OPIS Rack API:

1. Obtain access

- You will need an OPIS web account and a Rack API subscription (typically licensed per rack city).
- Contact your OPIS Account Manager and/or the **OPIS Customer Service team, energycs@opisnet.com** to set up your subscription.

2. Activate and authenticate

- Once your account is active, set your password using the instructions provided by email and log into the Rack API Documentation site.
- Query the [/Authenticate](#) endpoint to obtain a JWT for API access.

3. Integrate with your tools

- Use the provided documentation, JSON schemas and sample requests to connect the OPIS Rack API with Excel, Power BI, Postman or your preferred programming languages and internal applications and analytics platforms.

Contact

For more information about the OPIS Rack API, pricing and trial options:

- **Email:** energycs@opisnet.com
- **Phone:** 888.301.2645 | 301.284.2000
- **Web:** opis.com