Oil & Gas · UAE

An Abu Dhabi energy company used diesel at remote field camps 35% more efficiently

An Abu Dhabi energy company tracks diesel from delivery to each generator at its remote field camps and compares it with generator run hours, so overuse and loss show up site by site.



35%
better resource utilization

AT A GLANCE

INDUSTRY
Oil & Gas

REGION
Abu Dhabi, UAE

SIZE
Large energy enterprise

LOCATIONS
Many remote field camps

FEATURES USED
Suppliers · Stores · Maintenance · Insight

01 The client

The client is a large energy company headquartered in Abu Dhabi, with operations across remote field locations and a central team monitoring how resources are used.

Many of its field camps and work sites are off the grid. Diesel generators supply power for accommodation, workshops and site equipment, and every liter is trucked in. Fuel is one of the largest running costs in the field.

02 The challenge

Fuel deliveries and dispensing were noted in camp logbooks, each kept differently. Nobody could tell how much a generator should have used, so overuse and loss were invisible.

- Delivery, tank and dispensing records did not agree from one site to the next.
- Fuel issued was never compared with how long a generator actually ran.
- Oversized or idling generators burned fuel without anyone noticing.
- Central planners had no reliable figures to plan deliveries or budgets.

03 What they set up in Asset Infinity

The company treated diesel as a tracked consumable in Asset Infinity, issued to each generator, and recorded generator run hours as meter readings on the same assets.

Suppliers

Deliveries received against orders

Each tanker delivery is received against its purchase order into the camp's fuel store, so what was ordered and what arrived can be compared.

Stores

Diesel issued to each generator

Every top-up is recorded as an issue from the camp's fuel store to a named generator, so consumption builds up per machine.

Maintenance

Run hours on every generator

Hour-meter readings are entered for each generator, which also drive its servicing plan by runtime.

Insight

Fuel per hour by site

Reports set diesel issued against hours run for each generator and camp, showing which machines and sites use more than they should.

04 How it works day to day

Diesel at a remote camp is now accounted for at each step.

LOGISTICS COORDINATOR

Orders the delivery

Fuel for each camp is ordered on a purchase order to the fuel supplier, based on recent use at that camp.

CAMP STOREKEEPER

Receives the tanker

The delivered quantity is received against the order into the camp's fuel store, and any shortfall is visible immediately.

GENERATOR OPERATOR

Refuels and records

Each top-up is issued to the generator it went into, by scanning that generator's label in the mobile app.

GENERATOR OPERATOR

Reads the hour meter

On the daily round, the operator enters each generator's run-hour reading against its record.

SYSTEM

Schedules the service

Run hours count toward each generator's runtime-based service plan, which raises the work order when it is due.

ENERGY ANALYST

Compares fuel with hours

Reports show fuel issued per hour run for each generator. A machine well above its peers gets a work order to inspect it.

FIELD OPERATIONS MANAGER

Reviews camps side by side

Dashboards compare fuel use and cost by camp, guiding generator changes and delivery planning.

05 Before and after

	BEFORE	WITH ASSET INFINITY
Fuel records	Logbooks kept differently at each camp	Received and issued in one system
Deliveries	Tanker quantities taken on trust	Each tanker booked in against its order
Consumption	Known only per camp, roughly	Recorded per generator
Efficiency	Never measured	Fuel per hour run, by machine
Servicing	Loosely tied to use	Planned on actual run hours
Planning	Unreliable figures	Consistent usage data by site

06 How it rolled out

1

Usage practices reviewed. The team reviewed how fuel was recorded at each site, and moved legacy usage records into one place.

2

Tracking configured. Usage categories, tracking rules and site-wise workflows were set up for each camp and generator.

3

Field teams trained. Operations and field staff had hands-on sessions, then a support plan with monitoring and regular reviews.

07 The results

- Diesel tracked from delivery to the generator at every camp
- Fuel use compared with run hours, machine by machine
- Less repetitive manual monitoring at field sites
- Better planning of fuel deliveries from consistent usage data
- Generators serviced on actual runtime

08 Why it worked

Fuel and hours meet
Recording both against the same generator turns two logbooks into one efficiency measure.

One reading, two uses
Hour-meter readings feed the efficiency reports and the service plan at the same time.

Every camp counts the same way
A common method across remote sites makes camps comparable and loss easier to spot.

09 Looking ahead

Linking every liter issued to a generator and every generator to its run hours has given the company a measure it never had: how efficiently each machine and each camp uses fuel.

The same figures help the field team match generator sizes to site loads, plan fuel deliveries with fewer surprises and keep servicing in step with how hard each machine works.

See it on your own assets

A 30-minute demo, set up for an oil and gas or energy operator.

The client's name is withheld for confidentiality. Results are as reported by the client.

Book a demo

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