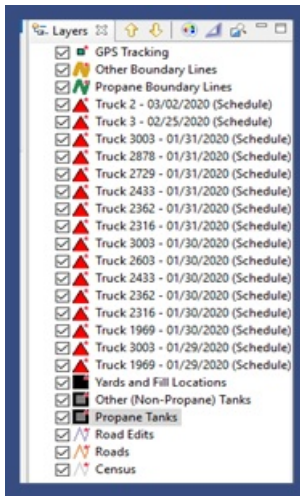


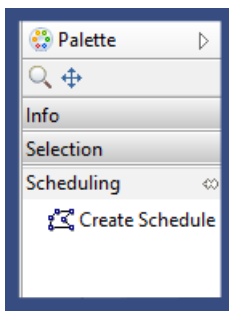
EnergyMap - Scheduling Tanks

Last Modified on 11/02/2023 2:15 pm EDT

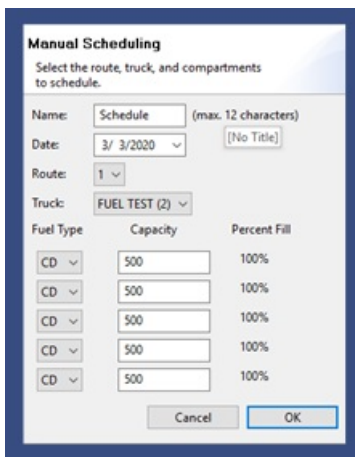
1. Select the appropriate Tank Layer located on the *Layers* tab (*Propane* or *Other Non-Propane Tanks*).



2. Select **Scheduling** on the Palette.



3. Choose **Create Schedule**. This will activate *Scheduling* mode.
4. Select anywhere on the map. The *Manual Schedule* feature will display.



Manual Scheduling
Select the route, truck, and compartments to schedule.

Name: (max. 12 characters)

Date: [No Title]

Router:

Truck:

Fuel Type	Capacity	Percent Fill
<input type="text" value="CD"/>	<input type="text" value="500"/>	<input type="text" value="100%"/>
<input type="text" value="CD"/>	<input type="text" value="500"/>	<input type="text" value="100%"/>
<input type="text" value="CD"/>	<input type="text" value="500"/>	<input type="text" value="100%"/>
<input type="text" value="CD"/>	<input type="text" value="500"/>	<input type="text" value="100%"/>
<input type="text" value="CD"/>	<input type="text" value="500"/>	<input type="text" value="100%"/>

5. Fill out the information for *Name*, *Date*, and *Route*.

Manual Scheduling
Select the route, truck, and compartments to schedule.

Name: Doug 3/03/20 (max. 12 characters)
Date: 3/ 3/2020
Route: 1
Truck: FUEL TEST (2)

Fuel Type	Capacity	Percent Fill
CD	500	100%
CD	500	100%
DD	500	100%
G	500	100%
G	500	100%

Cancel OK

6. Select the Truck. If a refined fuel truck is chosen, Fuel Types will need to be specified for each compartment.
7. Select **OK**.
8. Review the tanks on the map pertaining to the route. The tank symbol will be present with the estimated number of gallons to deliver to fill the tank to 80%.



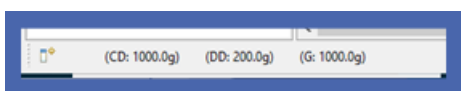
9. Begin by choosing tanks needing routed. The *Tank Details* panel will display. This allows the customer account and tank to be reviewed prior to being scheduled.
10. Select **Schedule** to add to the schedule or **Cancel** to choose a different tank.

Customer and Tank Information (611985,1)

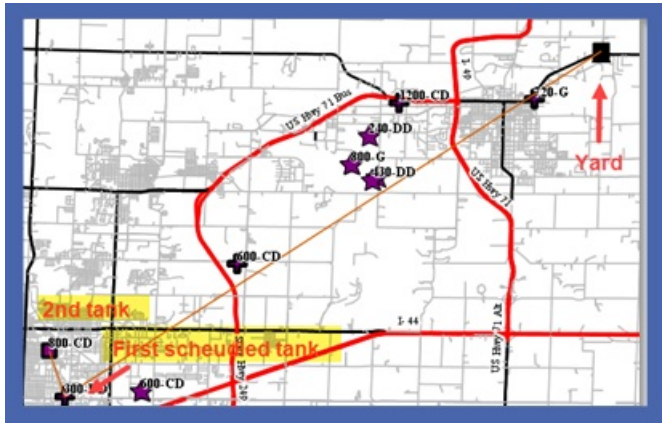
Cust # 611985	Division 1	Tank Type DD	Last % Update:
Name JOHN J. GARDNER	Loc 77	Terms REGULAR TERMS	
Address 1011 S. 100th St		Customer Type RF RESIDENTIAL	
City GARDNER, WA	Total Tank 500	Delivery Type JULIAN	
Phone (509) 427-1888	K-Factor 999	Est Gals Left 0.00 (0%)	
Tank # 011985	Last Del 02/03/2020	Gals Last Del 0.00	
Route 8	Daily Use 0	Est Gal to Del 300	DD Next 6898
Hold Date	Company Owns N	Hold Release Date	End Date
Julian Del 02/11/2020		Contract Gals Left	
Special Inst.	Tank Name GENERATOR	Tank Address: 1011 S. 100th St, GARDNER, WA	
Total Balance 1260.22	Credit Limit 0.00		
Current 1260.22	Bdgt Pymts Billed		
30 0.00	Bdgt Pymts Made		
60 0.00			
90 0.00			

Schedule Cancel

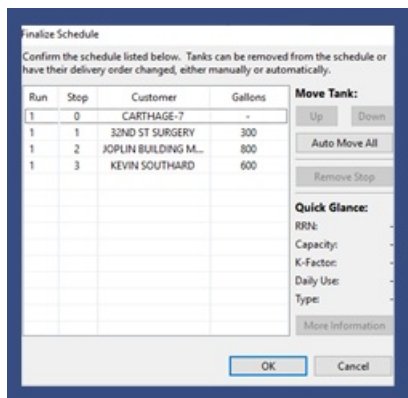
11. As tanks are scheduled, gallon values remaining on the truck will appear in the lower left corner of the screen. If gallons are exceeded, a message will appear to warn the dispatcher but will not prevent the tank from being scheduled.



12. Additionally, a route line will appear from the designated yard assigned to the route. This route line will continue to draw as each tank is scheduled.



13. If more than one tank is present when selected, the *Select Object* screen will appear. Highlight and choose the tank.
14. When the route is complete, there are two options:
 - o **Option 1: Finalize the Route**
 - a. Press **Shift** and double-click anywhere on the screen to finalize the route.
 - b. The *Finalize Schedule* screen will appear.



- c. Modify the route as necessary by changing or removing a stop.
 - d. Select **OK** when finished. This will add the Schedule to the *Layers* tab.
 - e. Select **Commit Route Layer** on the toolbar to save.
- o **Option 2: Add Another Run to the Route**
 - a. Select the storage yard the driver will use when refilling the truck. This will be the starting point for Run 2.
 - b. The *Manual Scheduling* screen will appear once more to refill the truck and start new. There will not be an option to choose another route or truck.

Manual Scheduling
Select the route, truck, and compartments to schedule.

Name: (max. 12 characters)

Date:

Route:

Truck:

Fuel Type	Capacity	Percent Fill
<input type="text" value="CD"/>	<input type="text" value="500"/>	<input type="text" value="100%"/>
<input type="text" value="CD"/>	<input type="text" value="500"/>	<input type="text" value="100%"/>
<input type="text" value="CD"/>	<input type="text" value="500"/>	<input type="text" value="100%"/>
<input type="text" value="CD"/>	<input type="text" value="500"/>	<input type="text" value="100%"/>
<input type="text" value="CD"/>	<input type="text" value="500"/>	<input type="text" value="100%"/>

15. Continue to schedule tanks and generate runs as necessary.

16. Press **Shift** and double-click to finalize and select **OK** when all necessary modifications have been made.

Finalize Schedule
Confirm the schedule listed below. Tanks can be removed from the schedule or have their delivery order changed, either manually or automatically.

Run	Stop	Customer	Gallons
1	0	CARTHAGE-7	-
1	1	DYNO NOBEL INC	430
1	2	MORGAN PALLETS	240
2	0	CARTHAGE-7	-
2	1	JASPER COUNTY H...	4000

Move Tank:

Quick Glance:
 RRN: -
 Capacity: -
 K-Factor: -
 Daily Use: -
 Type: -

17. This will save the route schedule to the *Layers* tab.

- Truck 2 - 03/04/2020 (Schedule)
- Truck 2 - 03/03/2020 (Schedule)
- GPS Tracking
- Other Boundary Lines
- Propane Boundary Lines
- Yards and Fill Locations
- Other (Non-Propane) Tanks
- Propane Tanks
- Road Edits
- Roads
- Census

18. Select **Commit Layer Changes** to save to the Energy Force *Print Map Scheduling* screen.

19. Select any Palette feature or layer to exit scheduling.

Truck	Run	Scheduled	Schedule Name	Seq	Customer #	Serial Number	Name	Total Balance
2	1	03/04/20	Schedule	1	6697828	617162	DYNO NOBEL INC	\$37,593.28
						1000	ground	SALT LAKE CITY
2	2	03/04/20	Schedule	2	6697560	610468	MORGAN PALLETS	\$0.00
						300	stand tank	PO BOX 412
								CARTHAGE

View a Schedule on the Map

1. Select the schedule layer.
2. This will prompt the *Table View* to display the route along with detailed information.
3. The map will display the route and indicate the Run number and sequence number.

The screenshot shows a GIS application interface. The main map area displays a street grid with a red route highlighted. The route starts in the center and moves towards the right. A table view is overlaid at the bottom of the screen, showing the following data:

ScheduleName	ScheduleDate	CustomerName	TankRRN	Division	Route	Run	Stop	TypeCode	TankType	GallonsToDeliver	MilesTraveled	ElapsedTime...	EstPercentLeft	MaxCapacity	SortByDate74R...
Doug	05/05/20	KEVIN SOUTH...	617081	1	8	1	1	Ju	DD	600	6	2147483647	0	1000.0	1.20200303.2.1...
Doug	05/05/20	JOPLIN BUILD...	749541	1	8	1	2	M	CD	800	1	28	0	1000.0	1.20200303.2.1...
Doug	05/05/20	3240 ST SORG...	611985	1	8	1	1	Ju	DD	300	0	0	0	300.0	1.20200303.2.1...