

OptimizerPlus+ By Route / Location Setup

Last Modified on 03/04/2026 10:38 am EST

OptimizerPlus+ Breakout Rules for Setup

Once the breakout version is deployed, the original OptimizerPlus+ Auto Task will remain in place. To use the OptimizerPlus+ Breakout mode, delete the current OptimizerPlus+ task and add a new task for each variation of Route/Locations. New options will be presented for input.

Name	Type	Value
Clear Schedule (Yes,No)	String	Yes
Route Range (Blank For All)	String	78,81-84
Location Range (Blank For All)	String	8,15,17
Tank Type	String	P
Email To	String	jdoe@energyforce.net;janedoe@energyforce.net
Cust Tank Fill Fract	Number	0.8
Days Julian After	Number	5
Days Julian Before	Number	2
Days Will Call After	Number	5
Days Will Call Before	Number	1
Skip Weekend Deliveries (Yes,No)	String	NO
Summer Fill Begin (MM/DD/YYYY)	Date	06/01/2024
Summer Fill End (MM/DD/YYYY)	Date	08/31/2024
Summer Fill Limit Threshold	Number	0.05
Summer Fill Target Threshold	Number	0.7
Summer Fill Will Call KFactor	Number	4
Summer Fill Will Call Level	Number	0.2

Clear Schedule (Yes, No) – Choose Yes, if routes already exist with the same parameters, OptimizerPlus+ will clear the schedule and generate new ones.

Route Range (Blank for All) – Can be separated by comma, hyphen, or both.

Examples include:

- 1,3,7 (routes one, three, and seven)
- 1-3,10-15 (routes one through three and routes 10 through 15)
- 1,3,10-15 (route one, route three, route 10 through 15)

Location Range (Blank for All) – Can be separated by comma, hyphen, or both.

Note: Processing by location only is currently prohibited. Route number(s) must also be present in the Route Range.

Tank Type - P

EmailTo - Insert email addresses to receive route stats separated by a semi colon.

Cust Tank Fill Fract – Decimal form for tank percent for full fill.

Days Julian Before\Days Julian After – Number of days before or after a Julian can be delivered to.

Days Will Call Before\After – Number of days before or after a Call-in entry is entered.

Skip Weekend Deliveries (Yes, No) – Choosing No allows OptimizerPlus+ to generate schedules daily.

Summer Fill Begin (MM/DD/YYYY) – First day of Summer Fill.

Summer Fill End (MM/DD/YYYY) – Last day of Summer Fill.

Summer Fill Limit Threshold – Lower limit decimal value of tank % to be considered critical.

Summer Fill Target Threshold – Upper limit decimal value of tank % to be considered for routing.

Summer Fill Will Call K-Factor – Typically set to 4.

Summer Fill Will Call Level – Typically set to decimal .2 for 20%.

Note: Every auto task that is entered must have Summer Fill settings applied if active, expired, or set for the future.

Summer Fill

Optimizer+ Tool

Exclusions Options Submodes Tank Groups

Location Range: <any> Route Range: 15-20

Automatic Exclusion Periods
* inherited from <default>

Christmas*	12/24/2026	YEARLY
New Years*	12/31/2026	YEARLY

General

Mode: Submodes

Predict Parked Trucks: Skip Weekend Deliveries:

Auto-fill Maximum Fill Level: 80 %

Julian Delivery Window: Before: 3 After: 2

Call-in Delivery Window: Before: 1 After: 3

Tank Setup Time (Minutes): 10

Summer Fill

Start: 08/25/2025 End: 08/31/2025

Thresholds: Limit: 20 % Target: 99 %

Call-In Defaults: Level: 40 % KFactor: 4.00

Max Fill: 80 % Min. Drop (Gallons): 30

Prioritize Contracts: Min. Contract Proportion: 0 %

v1.11.4 Cancel Save Save & Close

The sub-Mode in the *OptimizerPlus+ Tool* must be set to *Summer Fill* for the system to route summer fill tanks.

At this time, once an auto task has been added or modified for Summer Fill, open the *OptimizerPlus+ Tool*, Save, and close to commit the Summer Fill setup within the tool. It is suggested that all auto tasks be added/modified first so that the tool only needs to be opened and saved one time.

Processing manual routes

Route Scheduling \ Schedule Deliveries \ Populate Optimizer

Preset Parameters

TaskID	Task	Route Range	Location Range
0			

Division Number ABC PROPANE COMPANY
 Route Range (Blank For All)
 Location Range (Blank For All)
 Tank Type(s)
 Email To
 Tank Fill Fract Skip Weekends
 Julian Days Before Julian Days After
 Julian Deliveries Scheduled Between and
 Include Past Due Deliveries
 Will Call Days Before Will Call Days After

Example ranges
Single item: 1
Sequential items: 1-5
Non-sequential items: 1,5-7,10

Summer Fill Options
 Start Date End Date
 Limit Threshold Target Threshold
 Will Call KFactor Will Call Level

Daily Use Customers Yes No
 Include Call Ins True False
 Include Tanks on Hold Yes No
 Clear Scheduled Tanks Yes No

Each Auto Task will be listed in the *Populate Optimizer* screen. Choose the *Task*, adjust as needed and **Process**.
Note: This is a one-time only adjustment, the original Auto Task will remain intact. *Clear Scheduled Tanks* is defaulted to *No* in this screen. Leave as *No* to add additional runs to existing routes or select *Yes* to clear any existing routes defined for the Task.

General Notes:

Each Auto Task iteration will send route stats defined to the task to the *EmailTo* recipients. In the example below, this company has over 200 routes, but only received routes stats for the Route Numbers identified in the Auto Task.

Today's Weather:

div:1 rg:6 hi:98 low:78 edd:0
div:1 rg:7 hi:90 low:68 edd:0
div:1 rg:8 hi:85 low:67 edd:0
div:1 rg:9 hi:84 low:67 edd:0
div:1 rg:14 hi:92 low:69 edd:0
div:1 rg:27 hi:82 low:66 edd:0
div:1 rg:28 hi:81 low:67 edd:0

Route Delivery Info:

rt:78 trk:3146 rns:3 stp:24 gal:5681.6 crit:15 hrs:8.7 dst:102.2 rep:0
rt:81 trk:1720 rns:3 stp:27 gal:6117.1 crit:11 hrs:9.3 dst:96.3 rep:0
rt:82 trk:2165 rns:3 stp:21 gal:5125.4 crit:12 hrs:8.5 dst:109.5 rep:0
rt:83 trk:2040 rns:3 stp:25 gal:6330 crit:11 hrs:8.9 dst:86.2 rep:0
rt:84 trk:3004 rns:2 stp:24 gal:4936.1 crit:10 hrs:7.9 dst:89 rep:0

Location Only

As previously indicated, processing *By Location Only* is currently prohibited. If processed *By Location Only*, the route stats will display ALL routes. Mostly all routes will display as parked except for the routes that are tied to the Location(s) referenced in the Auto Task and causes an extreme delay in sending route stats. An enhancement will be added later to correct this issue.
