

# CGE & Fare Epoch Configuration – Bangalore ↔ Khammam

**Source:** UI screenshots captured on 30/12/2025 for Service **OPR3025-339 – Sri Vengamamba Bus Transport (SVBT)**

This document is a **single consolidated reference** containing **all configuration details exactly as visible in the provided PDFs**, organized step-by-step following the UI flow. No interpretation or redesign has been applied; terminology, labels, and values are preserved.

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## 1. CGE Configuration – Full Route

**Service ID:** OPR3025-339 (Sri Vengamamba Bus Transport – SVBT)

**Route ID:** 37160966 (Bangalore – Khammam)

### Configuration Fields

- **Enable/Disable CGE for Full Route:** Available
- **Generate Competitors:** Error
- **Min Competitors:** 1

### System-recommended competitors

- *No system-recommended competitors – Please select additional competitors below*

### Add other competitors

- **29371662 – Sri Krishna** (manually added)
- + **Add** option available

### Override

- **Enter reason for system recommendation override:** Input field present (empty)
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## 2. CGE Configuration – Via Routes

### Add New Via Route

**Selected Via Route:** - 37161025 – Bangalore – Miryalaguda – 122 – 90960

## Configuration Fields

- **Enable/Disable CGE for Via Route:** Available
- **Generate Competitors:** Error
- **Min Competitors:** 1

## System-recommended competitors

- **Error in Generating Competitors**

## Add other competitors

- **31821417 – Sai Balaji Travels** (manually added)
- + **Add** option available

## Override

- **Enter reason for system recommendation override:** Input field present (empty)
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## 3. CGE Configuration – Thresholds

*Note on screen: Kindly Regenerate Thresholds once you change the competitors*

**Route ID:** 37160966 (Bangalore – Khammam)

**Seat Type: SLEEPER**

### Existing Thresholds

Demand Bucket	Min Threshold	Max Threshold
VH + H	0.95	1.05
M + L	0.90	1.00
VL	0.80	0.90

### Recommended Thresholds – Aggressive

Demand Bucket	Min Threshold	Max Threshold
VH + H	1.2337	1.4514
M + L	1.0500	1.2337
VL	1.0223	1.1723

### **Recommended Thresholds - Moderate**

Demand Bucket	Min Threshold	Max Threshold
VH + H	1.0837	1.2337
M + L	0.9000	1.0500
VL	0.8110	1.0223

*(Conservative section present but not fully visible in screenshot)*

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## **4. CGE Configuration - Sub-Module**

ServiceId	Fare Range	Competitor Backfill	Occupancy Differential	Dynamic Thresholds
OPR3025-339	Enabled	Disabled	Enabled	Disabled

**Note on screen:** Dynamic Threshold needs to be enabled if Competitor Backfill is enabled, to adjust CGE thresholds in case of backfilled competitor.

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## **5. Fare Epoch Configuration**

**Service:** OPR3025-339 – Sri Vengamamba Bus Transport (SVBT)

**Bus Type:** A/C Sleeper (2+1)

**Route:** Bangalore → Khammam

**Departure Time:** 06:00 PM

### **Epoch Controls**

- Epoch Type: **Negative Epoch**
- Mode: **Altered**
- Granularity Options: **Interval / Hours**
- **Configure Epoch Points:** Done
- **Preview Epoch:** Available

### **Starting Fare**

- **Starting Fare:** Done
- **Generate SF from Model:** Dropdown available
- **Select Route:** 37160966 (Bangalore–Khammam)

## **Model Status**

- **Model Training Error**
  - **Generate SF Feature Set YTS:** Available
  - **Fetch SF from Model:** Available
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## **6. Rule Configuration**

### **Global Parameters**

- **Total Number of Categories:** 6
  - **Type of Bus:** Sleeper
  - **Pricing Nature:** Moderate
  - **Fare ending with:** 9
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## **7. TDSA Rules (Time Dependent Seat Availability)**

### **Rule: tdsa with selective/partial via route opening**

**Rule Instance 1** - Prime routes to open: 37161025 - Open prime routes from hours before departure: 15000  
- Open sub-routes within prime route: true - Open sub routes from hours before departure: 15000 - Open all via routes: true - Open all via-route from hours before departure: 48

**Applicable Conditions:** - initialIndex is 3,4,5

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**Rule Instance 2** - Prime routes to open: 37161025 - Open prime routes from hours before departure: 15000  
- Open sub-routes within prime route: true - Open sub routes from hours before departure: 15000 - Open all via routes: true - Open all via-route from hours before departure: 5

**Applicable Conditions:** - initialIndex is 2

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**Rule Instance 3** - Prime routes to open: 37161025 - Open prime routes from hours before departure: 15000  
- Open sub-routes within prime route: true - Open sub routes from hours before departure: 15000 - Open all via routes: true - Open all via-route from hours before departure: 1

**Applicable Conditions:** - initialIndex is 1

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## 8. Special Rules

### Opt cut route pricing (option 4)

- Condition: true
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#### Keep a minimum fixed difference between different seat categories

From Seat Cat	To Seat Cat	diffAmount
6	5	30
5	4	30
4	3	50
3	2	50
2	1	100

**Applicable Condition:** - minutesToDeparture  $\geq$  60

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## 9. Advance Booking Fare Reduction Calibration

**Instance 1** - keyRouteId: 37160966 - expectedAdvanceOccupancy: 25 - Applicable Condition: initialIndex is 3,4,5

**Instance 2** - keyRouteId: 37160966 - expectedAdvanceOccupancy: 10 - Applicable Condition: initialIndex is 1,2

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## 10. Route vs Via Route Fare Difference Rule

- Route with higher fare: 37160966
- Route with lower fare (reference): 37161025
- Minimum fare difference: 70
- Maximum fare difference: 150

**Applicable Condition:** - true

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## 11. Footer / Actions

- Save Rule
- Deploy Rule

- Simulate Rule
- Copy To
- View Deployed Rule
- Download Deployed Rule
- View Saved Rule

**Context Selector:** SEATSALE

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**End of Document**