

# OPERATIONS & MAINTENANCE REPORT

PRESENTATION TO GCTD BOARD OF DIRECTORS

March 1, 2023



# Operations & Maintenance



## Maintenance Staff:

- 1 Fleet Manager
- 4 Maintenance Supervisors
- 10 Bus Mechanics
- 2 Facility Mechanics
- 8 Service Workers
- 2 Maintenance Material Specialists
- 2 Building Maintenance Workers
- 3 Facility Cleaners / Bus Sanitizers

## Operations Staff:

- 1 Operations Manager
- 10 Operations Supervisors
- 2 Safety & Training Supervisors
- 125 Bus Operators



# GCTD January 2023 K.P.I.

## Key Performance Indicators



TOTAL MILES	180,519
TOTAL ROADCALLS	24
MAJOR ROADCALLS TOTAL	10
OTHER ROADCALLS TOTAL	14
MECHANIC DISPATCHED ROADCALLS	0
TOTAL BUS TRADES	21
SERVICE INTERRUPTIONS	11
BUSES TOWED	0

MILES BETWEEN MAJOR ROADCALLS	18,052
MILES BETWEEN OTHER ROADCALLS	12,894
<b>MBRC</b>	<b>7,522</b>

7,500 Miles Goal

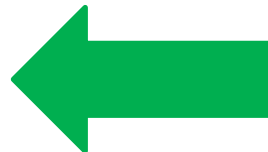
**MBRC = Miles Between Road-calls**



**Customer Service Interruptions** are delays to GCTD customers of 5 minutes or more

Customer Service Interruptions	11
Miles Between Customer Service Interrupt	16411

**10,000 Miles Goal**



# Maintenance KPI Process



## BUS TRADE FORM

4074 Vehicle Number	Feb 28, 2023 Date of Issue	730am Time	18/2304/0602 Route/Run	G Piñon Operations Supervisor
Driver Steve Johnson	Location Yard	Problem/Defect/Complaint Bus will go into gear but will not move.		
Did this incident cause the bus to run more than 5 minutes late? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Did driver indicate that it was unsafe to continue? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
		Authorized by:	Luis	

Issued Observed	
<input checked="" type="checkbox"/> Brakes	<input type="checkbox"/> Fare Box
<input type="checkbox"/> Engine	<input type="checkbox"/> Radio
<input type="checkbox"/> Air Leak	<input type="checkbox"/> A/C or Heater
<input type="checkbox"/> Trans	<input type="checkbox"/> Front Door
<input type="checkbox"/> Electrical	<input type="checkbox"/> Rear Door
<input type="checkbox"/> Tire	<input type="checkbox"/> Wiper/Wipe Blade
<input type="checkbox"/> Amerex Light	<input type="checkbox"/> Other Misc.
<input type="checkbox"/> Fluid Leak	
<input type="checkbox"/> T-3	
<input type="checkbox"/> T-3 Bio	
<input type="checkbox"/> ABS Light	
<input type="checkbox"/> Belt	
<input type="checkbox"/> Kneel WC Ramp	

Bus Trade
<input type="checkbox"/> Relief Trade
<input type="checkbox"/> In Route
<input type="checkbox"/> End of Line Trade
<input checked="" type="checkbox"/> In the Yard

Action Determination By Maintenance
<b>Work Order:</b> _____
<b>Maintenance/Dispatch Staff Decision:</b> <input type="checkbox"/> Dispatch Mechanic <input type="checkbox"/> Bus Trade
<b>Immediate Response:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Mechanic Assessment:</b> _____
<b>Repaired:</b> <input type="checkbox"/> In Route <input type="checkbox"/> End of Trip <input type="checkbox"/> Tow
<b>Complaint Valid:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Major <input type="checkbox"/> Other
<b>Explanation:</b> _____
<b>Filled Out By:</b> _____
Fleet Manager Determination
<b>Logged As:</b> <input type="checkbox"/> Major Road Call <input type="checkbox"/> Other Road Call <input type="checkbox"/> Invalid
<b>Explanation:</b> _____

# Maintenance KPI Process



GCTD MECHANICAL MALFUNCTION / ROADCALL / BUS TRADE / SERVICE INTERRUPTION TRACKING NOVEMBER 2022																															
DATE	BUS #	TIME	ROUTE	DRIVER	OPERATIONS SUPERVISOR	MAINTENANCE SUPERVISOR	PROBLEM / DEFECT/ COMPLAINT	MECHANIC DISPATCHED	BUS TRADED	TRADE LOCATION	INT. CUSTOMER	MAJOR BRAKES	R ENGIN E	R COOLU NG	MAJO R AIR	MAJOR TRANS	MAJOR ELECTR IC	MAJO R TIRE	MAJOR DOORS	MISC. MAJO R	KNEEL W/C RAMP	R FARE BOX	R RADIO	OTHE R A/C HEAT	OTHE R MISC.	UNDER VARRANT Y	MECH. HOURS	PARTS COST			
11/2/2022	4074	9:30AM	21	Jasso	Magana	Aspuria	T-3 Bio		1	Gonzales/Victoria																					
11/3/2022	4047	2:20PM	6	Oaks	Gaeta	Aspuria	CEL and Buzzer on		1	Esplanade															1						
11/3/2022	4046	7:25PM	6	Madrigal	Lopez	Arellano			1	VTC																					
11/4/2022	4052	7:00AM	16	Mitchell	Magana	Aspuria	Synchromatics no power		1	Wells center	1														1		0.25				
11/4/2022	4061	11:00AM	7	Annino	Fernando	Aspuria	CEL and Buzzer on		1	Oxnard College															1		2.75	\$298.36			
11/4/2022	4054	5:30PM	6	Cadiz	Gaeta	Lincoln	Right turn signal stuck	1	1	VTC															1		2.25	\$49.76			
11/4/2022	4054	5:30PM	6	Cadiz	Gaeta	Lincoln	T-3 Bio		1	OTC															1						
11/5/2022	3510	8:57AM	23	Padilla	Flores	Aspuria	CEL and CTL on		1	Esplanade/Spur																1		0.25			
11/5/2022	4050	5:45PM	11	Hernandez	Lopez	Lincoln	Oil leak		1	Wells center					1													0.35			
11/6/2022	3512	7:50AM	2	Jasso	Gaeta	Murillo	CEL and Buzzer on		1	OTC															1						
11/8/2022	3504	8:30AM	23	Navarro	Magana	Murillo	Loud noise under bus	1	1	Oxnard/Forest Park	1										1										
11/8/2022	4045	7:15PM	11	Cadiz	Jillson	Arellano	Amerex/Farebox jammed S		1	VTC	1																				
11/10/2022	4042	6:00AM	16	Leon	Magana	Tapia	Coolant leak	1	1	101/Victoria	1			1													3.3	\$94.23			
11/11/2022	3512	10:00AM	17	Morales	Fernando	Aspuria	CEL and Buzzer on		1	Rose/Gonzales	1																				
11/12/2022	4064	1:00PM	6	Galindo	Fernando	Tapia	W/c strap inop.		1	Esplanade		1													1						
11/13/2022	4072	5:44PM	16	Starr	Barajas	Arellano	Coolant leak		1	Wells center																		1.75			
11/14/2022	4030	2:45PM	21	Martinez	Gaeta	Ayala	T-3 Bio		1	Victoria/Gonzales	1																				
11/14/2022	4045	4:15PM	21	Escobar	Gaeta	Arellano	Rear door won't close		1	Centerpoint															1						
11/16/2022	4061	5:44PM	16	Baca	Barajas	Lincoln	A/C not working		1	Telephone/Victoria														1			0.25				
11/16/2022	4069	3:25PM	23	Meza	Barajas	Aspuria	CEL on and Buzzer		1	Esplanade																1	1.95	\$401.87			
11/19/2022	4054	3:08PM	6	Morales	Lopez	Tapia	Trans Light on		1	VTC															1		0.25				
11/19/2022	3504	9:15AM	3	Hernandez	Flores	Tapia	Driver's seat air bag leak		1	Rose/CI	1										1										
11/20/2022	4030	8:00AM	6	Jasso	Gaeta	Murillo	Lumbar support stuck		1	OTC															1		1	\$115.26			
11/20/2022	3515	9:20AM	8	Martinez	Gaeta	Murillo	Not building air pressure	1	1	OTC	1																	1.5	\$363.42		
11/20/2022	4056	1:00PM	6	Morales	Gaeta	Rubio	Broken Window		1	Ventura/Main				1																	
11/21/2022	4069	11:20AM	6	Thorp	Gaeta	Contreras	CEL and Buzzer on	1	1	Esplanade	1																	3			
11/21/2022	3500	5:00PM	3	Zavala	Gaeta	Arellano	Not printing transfers		1	OTC																1		0.25			
11/22/2022	4071	8:30AM	16	Cruz	Flores	Aspuria	Farebox issues		1	VTC																		0.25			
11/22/2022	4047	12:30PM	6	Almaguer	Magana	Aspuria	Broken stop request cable		1	St John's															1						
11/23/2022	4030	12:00PM	23	Annino	Fernando	Aspuria	Transfers not printing		1	Ventura/PV																					
11/23/2022	4046	2:30PM	21	Romero	Fernando	Rubio	Trans lightand buzzer on		1	Victoria/Gonzales															1						
11/26/2022	3507	9:31AM	17	Padilla	Flores	Contreras	ABS light on	1	1	Rose/Gonzales																		1.65			
11/27/2022	4062	1:30PM	16	Aninno	Flores	Rubio	Coolant leak	1	1	Thompson/Seaward	1			1												1	10.95	\$37.68			
11/27/2022	4054	4:01PM	21	Alaniz	Lopez	Rubio	Trans Light on		1	Centerpoint																		3			
11/27/2022	3512	6:00PM	15	Galvan	Lopez	Chandler	Coolant leak	1	1	St John's	1			1														2	\$24.10		
11/29/2022	4053	10:10AM	6	Ghazi	Magana	Aspuria	C/s rear outer flat tire		1	OTC	1						1											1.5			
11/29/2022	4052	11:30PM	6	Ghazi	Magana	Aspuria	Mirror broke off	1	1	Bristol/Hill																			2.75		
11/30/2022	4066	10:30AM	4	Espinosa	Fernando	Aspuria	W/C ramp inop		1	St John's	1																		0.5		
<b>TOTALS</b>											<b>10</b>	<b>38</b>	<b>16</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>16</b>	<b>1</b>	<b>2</b>	<b>41.7</b>	<b>\$1,384.68</b>

Maintenance Supervisor takes the bus trade form and logs information into the Road Call Tracking Sheet.

# Maintenance KPI Process



Customer Service Interruptions	16	TOTAL REVENUE MILES	166,383	MILES BETWEEN MAJOR ROADCALLS	13,865	TOTAL MECHANIC HRS.	41.7
Miles Between Customer Service Interrupt	10399	TOTAL ROADCALLS	32	MILES BETWEEN OTHER ROADCALLS	8,319	MECHANIC COST TOTAL	\$ 2,502.00
		MAJOR ROADCALLS TOTAL	12	MBRC	5,199	TOTAL COST PARTS	\$ 1,384.68
		OTHER ROADCALLS TOTAL	20	BUS ROADCALL UNDER WARRANTY	2	PARTS & LABOR TOTAL COST	\$ 3,886.68
		MECHANIC DISPATCHED ROADCALLS	10	MILES BETWEEN BUS TRADES	4378.5	TOWING COST	\$ 250.00
		TOTAL BUS TRADES	38			TOTAL ROADCALL MALFUCTION	\$ 4,136.68
		SERVICE INTERRUPTIONS	16				
		BUSES TOWED	1				

All data automatically populates fields which are then reported to the Board of Directors.

These KPI's provide valuable information that GCTD uses to improve service and react to maintenance issue trends.

# GCTD Operations K.P.I. Key Performance Indicators



Missed service 329 miles  
Boarding: 206,405  
Revenue Miles : 145,844



On Time Performance: **87.8%**



**90% goal**

Missed Service: **0.01%**



**Less than 1% goal**

Preventable Accidents: **1**

**1 per 100,000 miles goal**

Customer Contacts: **5**

**1 per 10,000 Boardings**

# Stormwater Reports



All stormwater reports for fiscal year 22-23 have been completed.

Dear Gold Coast Transit District,

The table(s) below provide the results of your storm-water runoff sampling in comparison to the California Industrial General Permit NALs. Please note that any sample results **highlighted in red** exceed the NAL for acceptable ranges.

	pH	TSS	O&G
CA IGP NAL's	6 to 9	100	15

Sample #1 - 11/8/2022

DP#1A	7	2.2	< 2.8
DP#2A	7	1.4	< 2.8
11/8/2022 Avgs	N/A	1	0

Sample #2 - 12/2/2022

DP#1A	7	1.6	< 1.7
DP#2A	7	1.2	1.7
12/2/2022 Avgs	N/A	1	0.8

Sample #3 - 1/5/2023

DP #1A	7	1.8	< 3.4
DP #2A	7	2.3	< 3.4
1/5/2023 Avgs	N/A	2	0

Sample #4 - 1/9/2023

DP #1A	7	1.5	< 3.4
DP #2A	7	1.2	4.6
1/9/2023 Avgs	N/A	1	2.3

	pH	TSS	O&G
CA IGP NAL's	6 to 9	100	15
Storm Water Year Averages	N/A	1	0.7

All stormwater reports showed that GCTD samples were in the acceptable ranges.

Thanks to GCTD maintenance and facility staff for keeping our buses and yard clean and safe.



# Employees of the Quarter



- **Maintenance:** Honorio Navarro / Service Worker I
- **Administration:** Michelle Jillson / Operations Supervisor
- **Operator:** Antonio Reza-Ocampo / Bus Operator

# Zero-Emission Roll-Out Plan

## Zero-Emission Bus Analysis



### Did you know?

Starting in 2029, all new public transit buses bought in California must be zero-emission.

Ojai has finished their ZEB plan. Ojai city council approved the plan last month, so we will jointly submit to the California Air Resource Board (CARB) later this month.



# Ventura College Scheduled to Visit GCTD

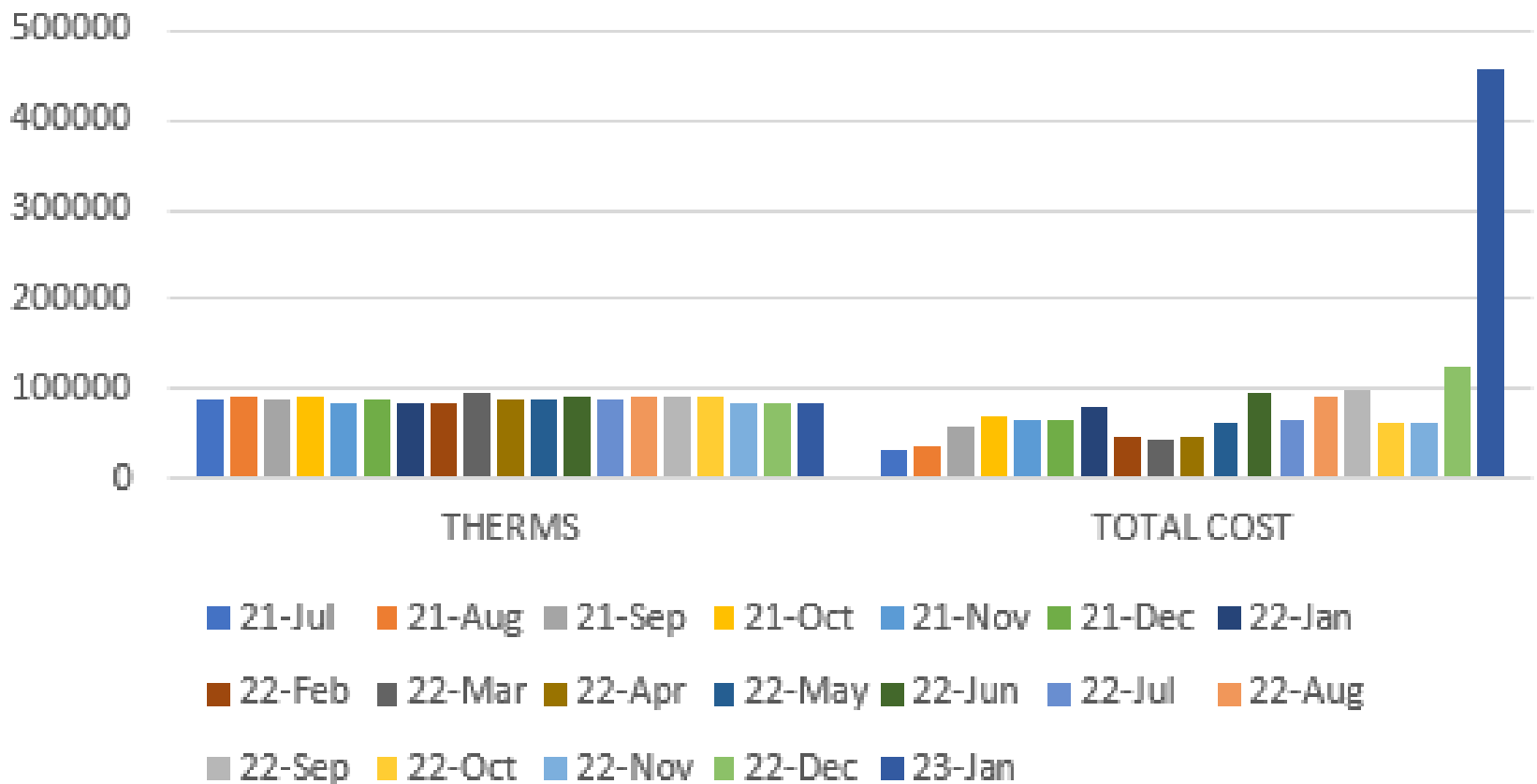


# CNG Fuel Cost

DATE	PRICE	THERMS	TOTAL COST
21-Jul	0.426	87745	\$33,658.80
21-Aug	0.446	92453	\$37,109.80
21-Sep	0.679	87402	\$59,345.96
21-Oct	0.772	91074	\$70,309.13
21-Nov	0.764	85770	\$65,528.28
21-Dec	0.738	86288	\$63,680.54
22-Jan	0.984	83182	\$81,851.09
22-Feb	0.576	82689	\$47,628.86
22-Mar	0.462	94146	\$43,495.45
22-Apr	0.515	89267	\$45,927.87
22-May	0.696	88301	\$61,457.50
22-Jun	1.047	90125	\$94,360.88
22-Jul	0.755	87473	\$66,042.12
22-Aug	1.0065	92700	\$93,302.55
22-Sep	1.1025	90030	\$99,258.08
22-Oct	0.675	90407	\$61,024.73
22-Nov	0.727	84173	\$61,193.77
22-Dec	1.511	83502	\$126,171.52
23-Jan	5.4305	84182	<b>\$457,150.35</b>

# CNG Fuel Cost

## CNG Cost



QUESTIONS?