

OPERATIONS & MAINTENANCE REPORT

PRESENTATION TO GCTD BOARD OF DIRECTORS

October 6, 2021



Maintenance Key Performance Indicators (KPI's)



September 2021 K.P.I.'s

TOTAL REVENUE MILES	166,599
TOTAL ROADCALLS	23
MAJOR ROADCALLS TOTAL	13
OTHER ROADCALLS TOTAL	10
MECHANIC DISPATCHED ROADCALLS	2
TOTAL BUS TRADES	25
SERVICE INTERRUPTIONS	13
BUSES TOWED	1

Customer Service Interruptions	13
Miles Between Customer Service Interrupt	12815.

MILES BETWEEN MAJOR ROADCALLS	12,815
MILES BETWEEN OTHER ROADCALLS	16,660
MBRC	7,243

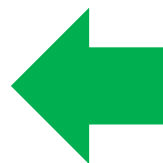
7,500 Miles Goal



MBRC = Miles Between Road-calls

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

10,000 Miles Goal



Operations September 2021 Key Performance Indicators (KPI's)

Missed service 6563 miles
Boarding: 185,284
Revenue Miles : 166,599

On Time Performance: **85.8%**  **90%** goal

Missed Service: **3.9%**  **Less than 1%** goal

Preventable Accidents: **2**  **1 per 100,000 miles** goal

Customer Contacts: **16**  **Goal is 1 contact per 10,000 boarding's**

Preventive Maintenance September 2021



Bus #	Last Miles	Current Miles	Difference	On Time	Date Completed
4063	469	4684	4215	Yes	9/1/2021
4040	59873	64259	4386	Yes	9/1/2021
3509	216742	221273	4531	Yes	9/2/2021
4030	37131	41576	4445	Yes	9/3/2021
3505	150440	155136	4696	Yes	9/4/2021
3507	259826	264326	4500	Yes	9/7/2021
4033	176839	181490	4651	Yes	9/8/2021
4052	12226	17142	4916	Yes	9/8/2021
4025	65854	70400	4546	Yes	9/9/2021
3502	26238	30516	4278	Yes	9/9/2021
4042	163860	168552	4692	Yes	9/10/2021
4020	109197	113787	4590	Yes	9/12/2021
4061	69261	73956	4695	Yes	9/12/2021
4065	4906	9668	4762	Yes	9/12/2021
3504	215111	219761	4650	Yes	9/13/2021
4064	5036	9984	4948	Yes	9/13/2021
4055	26644	31451	4807	Yes	9/13/2021
4059	73210	77969	4759	Yes	9/14/2021
3515	125595	130423	4828	Yes	9/15/2021
4041	124450	129268	4818	Yes	9/15/2021
4035	106828	111807	4979	Yes	9/16/2021
4058	73183	77789	4606	Yes	9/17/2021
3503	354778	359636	4858	Yes	9/18/2021
4037	384359	389116	4757	Yes	9/18/2021
4054	184349	189166	4817	Yes	9/18/2021
4023	366071	370849	4778	Yes	9/19/2021
4028	162606	167736	5130	No	9/20/2021
3513	205054	209791	4737	Yes	9/21/2021
3512	235119	239921	4802	Yes	9/21/2021
3514	43354	47592	4238	Yes	9/22/2021
4038	25346	30050	4704	Yes	9/22/2021
4027	63228	67978	4750	Yes	9/22/2021
4050	141967	146806	4839	Yes	9/22/2021
4051	124422	129046	4624	Yes	9/23/2021
4034	51085	55667	4582	Yes	9/23/2021
3506	216267	220813	4546	Yes	9/24/2021
4029	35553	40233	4680	Yes	9/25/2021
4032	25294	30028	4734	Yes	9/26/2021
4043	364907	369639	4732	Yes	9/28/2021
4031	122821	127373	4552	Yes	9/28/2021
3501	125899	130378	4479	Yes	9/29/2021
4022	185391	189802	4411	Yes	9/30/2021
4036	66695	71205	4510	Yes	9/30/2021

- GCTD buses are inspected and serviced per FTA / CHP guidelines. GCTD services all buses every 5,000 miles
- 43 Preventive Maintenance Services in September 2021
- 1 of these was late for GCTD standards
- 0 of the 43 services were late per the FTA allowance of 10% or 5500 Miles.**
- These are outstanding statistics from the Maintenance Department at GCTD.



CHP "Surprise Inspection"

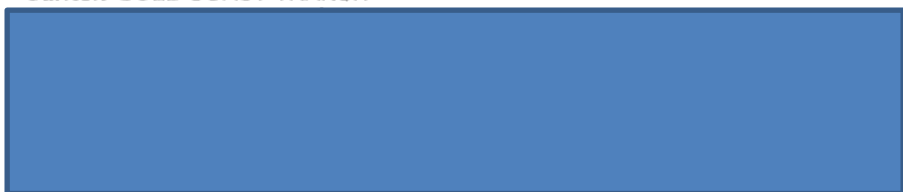
11 GCTD buses and 11 GCTD Operator's paperwork was inspected. No violations were discovered. Great job to Operations and Maintenance!!!



California Highway Patrol
4115 Broad Street, #B-10
San Luis Obispo, CA 93401
Phone: (805) 549-3261
Internationally Accredited Agency CHP407F/343A

Report Number: CAUDSV001057
Inspection Date: 09/03/2021
Start: 7:00 AM PT End: 7:28 AM PT
Inspection Level: I - Full
HM Inspection Type: None

Carrier: GOLD COAST TRANSIT



State: CA

State:

Highway: SR-1
County: VENTURA

Origin: OXNARD, CA
Destination: OXNARD, CA

Bill of Lading: N/A
Cargo: PASSENGER

VEHICLE IDENTIFICATION

Unit	Type	Make	Year	State	Plate	Equipment ID	VIN	GVWR	CVSA Existing	CVSA #
1	BU	GILG	2015	CA	1454851	4048	15GGD2711F1186219	41600		30184813

BRAKE ADJUSTMENTS

Axle #	1	2
Right	N/A	N/A
Left	N/A	N/A
Chamber	DISC	DISC

VIOLATIONS: No violations were discovered

HazMat: No HM transported

Placard:

Cargo Tank:

Special Checks: No data for special checks

State Information:

Beat/Sub Area: 859; Special Project Code: 637; Regulated Vehicle: Y; Pre-Cleared Vehicle: N; Veh #1 Type: 20; Officer ID1: 17RR7

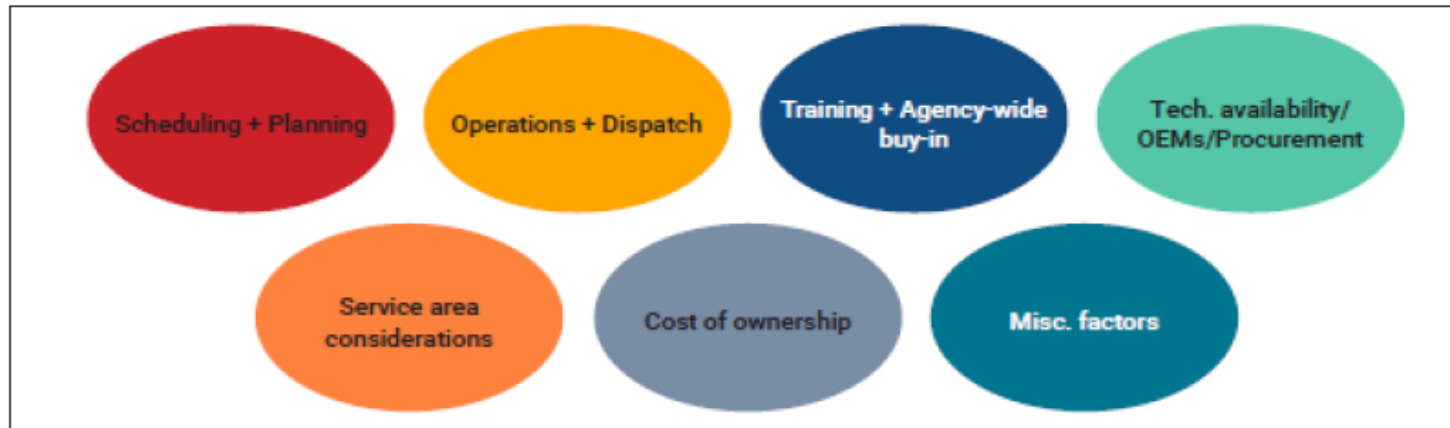


Future GCTD Technicians

Ventura College visited GCTD last week. Presently, GCTD has 3 technicians that have graduated from Ventura College.



Zero-Emissions



Criteria evaluated in the multicriteria analysis to develop a recommended ZEB fleet concept.

- **Route data Analysis is being conducted (5% project complete)**
- **Electric vs. Hydrogen Technology**
- **Solar panel and battery storage options to help keep energy cost down**
- **Addressing routes traversing disadvantaged communities**

**Zero-Emission
Bus Analysis**

Zero-Emissions Conference

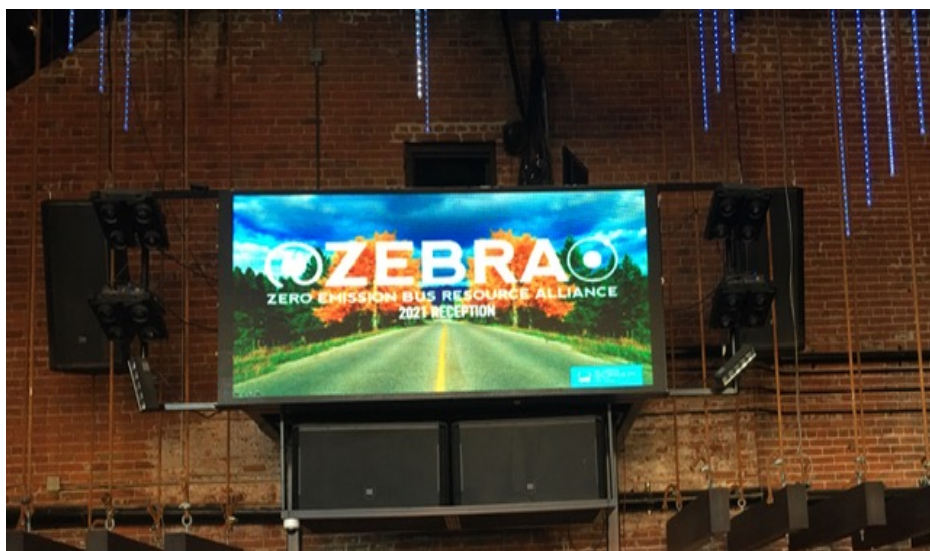


Figure 1: 5x5 Vehicle Matrix

FLEET	DIESEL (BASELINE)	DIESEL HYBRID	FUEL CELL ELECTRIC (FCEB)	BATTERY ELECTRIC (BEB)	LEGACY FUEL CELL
Series Grouping	1600	1550	7000	8000	FC
Technology Type	Diesel	Hybrid	Fuel Cell	Battery	Fuel Cell
Bus Qty	5	5	5	5	5
Manufacturer	Gillig	Gillig	New Flyer	New Flyer	Van Hool
Year	2018	2016	2019	2019	2010
Length	40'	40'	40'	40'	40'
Data Summary (July - December 2020)					
Fleet Mileage	110,293	95,383	112,233	64,648	82,710
Cost/Mile	\$0.93	\$1.11	\$1.51	\$1.39	\$2.84
Cost/Mile (w/ credits)	\$0.88	\$1.09	\$1.11	\$0.78	\$2.84
Emissions (CO ₂ Metric Tons)	275	183	0	0	0
Fleet Availability	94%	85%	90%	57%	84%
Reliability (MBCRC)	15,226	8,033	10,406	8,109	3,024



- Through collaboration with other agencies, GCTD can gain valuable insight.
- This relevant data / information can be used by GCTD to help make informed future decisions.

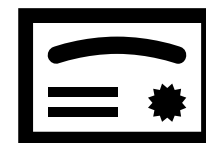
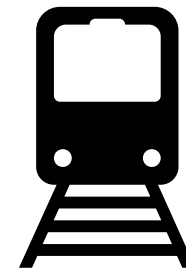
CNG ARIEL TRAINING

CNG Mechanics - Level 1



September 20 - 24, 2021

“Operation Rail Safety” Certificates



QUESTIONS?