



Luchie Magante, Principal Administrative Analyst
Kimberly Madrigal, Administrative Secretary

Tim Grierson, Recreation Superintendent
Bobby Grove, Community Services Superintendent
Modesto Bolanos, Park Maintenance Superintendent

Michael Whittiker, Jr., Director

The Community Services/ Recreation/ Park Maintenance Department comprises four divisions: Administration, Community Services, Recreation, and Park Maintenance. The Department delivers services and programs to support citizens' diverse interests in parks, recreation, and culture. This includes operating and maintaining twelve (12) parks, four (4) mini-parks, two (2) aquatic centers, two (2) pools, a sports complex, and a boxing center. The Carson Event Center offers 40,000 square feet of versatile meeting and event space, including a 12,000-square-foot ballroom and meeting rooms that accommodate between 5 and 1,200 guests. It also offers state-of-the-art visual services. Transportation provides citywide transportation programs related to fixed-route public transit, specialized elderly and disabled transit, transit support of city park programs, and regional air quality issues.

RECREATION DIVISION

RESERVATIONS

The Reservations section had 53 reservations scheduled, consisting of 36 indoor (activity/recreation room) and 17 outdoor (picnic grass/shelter) reservations for November. There were over 300 calls and inquiries regarding park fees and availability. In addition, the City hosted its annual Veterans Day event and Youth Sports football/soccer award banquets.

November Revenue Reservations			
Park	Indoor	Outdoor	Total
Anderson Park	4	4	8
Calas Park	2	1	3
Carriage Crest Park	4	2	6
Carson Park	7	5	12
Del Amo Park	4	0	4
Dolphin Park	5	3	8
Dominguez Park	2	0	2
Foisia Park	4	0	4
Hemingway Park	0	1	1
Mills Park	1	1	2
Stevenson Park	1	0	1
Veterans Park	2	0	2
Dominguez Aquatics	0	0	0
Hemingway Aquatics	0	0	0
Carson Pool	0	0	0
Foisia Pool	0	0	0
Total Reservations	36	17	53
Total Monthly Revenue	\$17,410.70		

ADULT SPORTS

The Fall adult coed and men's softball leagues began play at the beginning of October. Registration for an all-women's league is still available. Basketball leagues began to play on Sundays and Mondays and will run through January. Adult Baseball leagues are underway, with 18 teams playing. If the weather permits, it should be a great season!

YOUTH SPORTS

Registration for the upcoming Basketball season began on October 1, 2023. Our Flag Football/Soccer Playoffs started on Tuesday, November 14, 2023.

ENRICHMENT CLASSES

Below are the number of participants and revenue for the Fall 2023 Session. All Classes started on September 11th and ended on December 9th. Classes participated in the Winter Fest event on December 9th. Cooking with Chef T. Jackson and Karate classes began in October. Cooking with Chef T. is hosted at seven parks, including Del Amo, Mills, Anderson, Stevenson, Carson, Dolphin, and Hemingway. The 10-week session started October 3rd and ended December 20th. Lyrical is currently at Mills Park and will be moved to a different park location for the Winter session in January 2024. Starting in January, we will have a new art class for kids at Veterans Park, and Enrichment will have a new independent contract class called Dream in Colors at Dominguez Park, starting in February 2024. Foisia Park Winter Cheerleading Camp began in December 2023.

Winter 2024 classes are now open on ActiveNet and will start on January 8, 2024, and end on March 22, 2024.

November 2023

Classes	Participants	Revenue
Karate I	6	\$350.00
Karate II	1	\$65.00
Cooking with Chef T. Jackson (ActiveNet and Walk-ins)	142	FREE
Musical Theater	2	\$80.00
Ballet 1	15	\$590.00
Hip Hop 1&2	7	\$266.00
Totals	173	\$1,351.00

KIDS CLUB

The approximate revenue for November was \$19,752.00.

Week	Calas	Carson	Del Amo	Dolphin	Veterans	Weekly Totals
11/4/23 - 11/10/23 Revenue	12 \$590.00	26 \$1,260.00	16 \$800.00	15 \$750.00	34 \$1,734.00	103 \$5,134.00
11/11/23 - 11/17/23 Revenue	11 \$540.00	25 \$1,245.00	16 \$800.00	11 \$550.00	36 \$1,778.00	99 \$4,913.00
11/18/23 - 11/24/23 Revenue	11 \$540.00	22 \$1,630.00	12 \$860.00	12 \$600.00	19 \$1,383.00	76 \$5,013.00
11/25/23 - 11/30/23 Revenue	-	26 \$1,292.00	17 \$850.00	15 \$930.00	30 \$1,620.00	88 \$4,692.00
Month Total	34 \$1,670.00	99 \$5,427.00	61 \$3,310.00	53 \$2,830.00	119 \$6,515.00	366 \$19,752.00

AQUATICS

Aquatic Programming is currently taking place at Carson Pool and Hemingway Aquatic Center. Carson Pool Programming includes Lap Swim, Recreational Swim, and Swimming Lessons. Hemingway Aquatic Center programming includes Lap Swim, Aqua Aerobics, and Aqua Zumba.

Carson Pool

Week	Swim Lessons 17yrs & Below
11/4/23 - 11/10/23	13
*11/11/23 - 11/17/23	-
*11/18/23 - 11/24/23	-
*11/25/23 - 11/30/23	-
Monthly Total(s)	13
Estimated Total Cost(s)	\$546.00

*Carson Pool Fall Programming ended on 11/10/2023

Hemingway Aquatic Center

Week	Lap Swim	Aqua Aerobics	Aqua Zumba
11/4/23 - 11/10/23	4	21	7
11/11/23 - 11/17/23	2	15	1
11/18/23 - 11/24/23	1	10	5
11/25/23 - 11/30/23	-	14	-
Monthly Total(s)	7	60	13
Estimated Total Cost(s)	\$28.00	\$240.00	\$52.00

VETERANS SPORTS COMPLEX

The attendance for November remains consistent, with a monthly total of 2,535. The Youth membership remains strong, followed by the Senior memberships and daily guest fees. In addition, the Silver Sneaker memberships remain steady, with a slight increase in annual signups. The monthly revenue for November was \$24,102.00.

Group Ex Classes

	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
Session	Core & Glutes W/Core Vybes 8:30am- 9:30am	Adult Sports TBD	Walking Class 8:30am- 9:30am	Yoga 9:30am- 10:30am	Salsa (Beginner) 10:00am- 11:00am	Walking Class 5:00pm- 6:00pm	Muscle Conditioning 8:30am- 9:30am
	Adult Sports 1:00pm- 9:00pm				Salsa (Intermediate) 11:00am- 12:00pm	HIIT with Core Vybes 7:00pm- 8:00pm	Salsa (Intermediate) 10:00am- 11:00am
							Friday Night Volleyball 5:00pm- 9:00pm

Week	Membership Attendance	New Member Sign-Ups	Wednesday Night Volleyball	Friday Night Volleyball	Daily Membership Fees	Daily Guest Pass	Weekly Totals
11/1/23 - 11/4/23	394	2	0	92	77	7	572
11/5/23 - 11/11/23	576	9	0	63	63	23	734
11/12/23 - 11/18/23	584	4	0	97	59	183	927
11/19/23 - 11/25/23	493	2	67	98	95	28	783
11/26/23 - 11/30/23	488	7	0	0	74	11	580
Monthly Totals	2,535	24	67	350	368	252	3,596

SPECIAL EVENTS**Veterans Day**

The City of Carson joined the nation in paying tribute to America's war veterans as we hosted our annual Veterans Day Celebration on Saturday, November 11th, from 10:00 a.m. - 12:00 p.m. The celebration took place at our very own Veterans Park and was open free to the community, with approximately 500 residents in attendance. Event highlights included a special recognition to veterans and soldiers currently serving in wars worldwide. Traditional military rites, including a flag-folding ceremony, will be observed as part of the tribute. In addition, ten new names were added to the City of Carson's Veterans' Wall and will be permanently displayed in the lobby of the Veterans SportsComplex. Also, the City of Carson paid tribute to Fireman 2nd Class Telesforo De La Cruz Trinidad, the only Filipino in the U.S. Navy to be awarded the Medal of Honor. This year's keynote speaker was a retired U. S. Navy Commander, Virginia R. Kingston, who served in several different roles for the U. S. Navy from 1977 through 2010. The event included patriotic music, veteran information booths, a veteran museum display, live entertainment, ROTC, and the Carson High School band.

COMMUNITY SERVICES DIVISION**HUMAN SERVICES****STROKE CENTER**

The Stroke Center is open Monday through Thursday from 8:00 a.m. - 4:00 p.m. Since Nathan Caukin has left the City of Carson, Daniel Murillo is now the Stroke Center Lead, supported by Bianca Arroyo and Sue Quedado.

A total of 22 survivors are scheduled each week for occupational therapy by Dr. Penoliar's two interns. They provide occupational therapy Monday through Thursday from 9:00 a.m. - 3:00 p.m. for their respective caseloads.

The survivors utilize the exercise equipment as needed, Monday through Thursday from 9:00 a.m. - 3:00 p.m. This month, 136 survivors used the equipment.

Chair Exercise classes rose again this month, providing fun and exercise to 105 people. This month's volleyball schedule was packed, with 69 survivors and caregivers filling the chairs. As chair yoga classes continue to gain popularity, 21 people have already benefited from the movement and meditation offered during these classes.

It was a pleasure to welcome two (2) new members this month, both eager to participate in the programs.

WEEK	STROKE CENTER				
	OCCUPATIONAL THERAPY	EQUIPMENT EXERCISE	CHAIR YOGA	CHAIR EXERCISE	CHAIR VOLLEYBALL
11/01-11/02	16	13	N/A	12	16
11/06-11/09	35	33	5	31	17
11/13-11/16	34	31	6	26	12
11/20-11/23	22	26	4	14	12
11/27-11/30	32	33	6	22	12
Monthly Totals	139	136	21	105	69
Totals To-Date	288	426	13	305	177
FYTD Total	427	562	34	410	246

SENIOR RECREATION

Senior Recreation continues to administer Virtual Zoom fitness classes under the direction of one designated staff member. The class is held on Thursday from 9:30 a.m. - 10:30 a.m., with attendance fluctuating from 8 to 10 students per class.

Senior Recreation continues offering free in-person classes inside the Carson Park and Stevenson Park gymnasium. Classes include Zumba, Yoga, Hula Hoop, Functional Fitness, Zumba Gold, Line Dancing, Open Basketball, and an open fitness room with workout equipment. All classes are held Monday - Friday, from 8:30 a.m. to 11:45 a.m., with attendance fluctuating from 11 to 65 participants per class. Foisia Park continues to provide a drop-in open fitness room with workout equipment, open basketball, and chess for senior participants. The program is run Monday through Friday from 8:00 a.m. to 10:30 a.m. Two on-site staff members are always available at these parks to check participants in, check in on each program, and perform class and fitness room walkthroughs to ensure the facility is thoroughly swept and clean and machines are wiped down.

Carson Center continues to provide drop-in Needle Craft every Tuesday and Friday, 9:00 a.m. - 11:00 a.m., Salsa Dance class every Tuesday, 10:00 a.m. - 11:00 a.m., Table games every Thursday, 1:00 p.m. - 4:00 p.m., and Senior Social Bingo Clubs on Tuesdays, Wednesdays, and Thursdays, 10:00 a.m. - 3:45 p.m. in the Dominguez Room at the Carson Center. In addition, Bingo for Fun with the Swinging 50s Club is offered at Dominguez Park on Wednesdays, 10:00 a.m. - 2:00 p.m. All programs are free for adults 50 years and older.

WEEK	SENIOR VIRTUAL CLASSES
	THURSDAY YOGA
11/01-11/03	9
11/06-11/10	6
11/13-11/17	8
11/20-11/24	Holiday
11/27-11/30	8
Totals	31
FYTD Total	177

WEEK	SENIOR IN-PERSON CLASSES AT CARSON PARK							
	HULA HOOP FITNESS	LINE DANCE	ZUMBA TUESDAY	FUNCTIONAL FITNESS	YOGA	ZUMBA TONING	ZUMBA THURSDAY	COUNTRY LINE DANCE
11/01-11/03	-	-	-	15	23	42	44	No Class
11/06-11/10	19	63	65	22	32	41	50	39
11/13-11/17	17	67	52	15	20	24	36	Closed
11/20-11/24	21	57	64	18	27	Holiday	Holiday	Holiday
11/27-11/30	18	58	60	17	27	42	49	-
Totals	75	245	241	87	129	149	179	39
FYTD Total	289	1,400	1,501	327	456	800	937	556

WEEK	FOISIA PARK		
	BASKETBALL	FITNESS ROOM	CHESS GROUP
11/01-11/03	44	10	-
11/06-11/10	45	9	-
11/13-11/17	50	11	-
11/20-11/24	38	9	-
11/27-11/30	44	12	-
Totals	221	51	-
FYTD Total	1,139	245	-

WEEK	CARSON CENTER - BINGO			
	VIP CLUB	TLC CLUB	JOLLY CLUB	FRIENDSHIP CLUB
11/01-11/03	77	38	78	15
11/06-11/10	76	36	75	11
11/13-11/17	71	39	77	138
11/20-11/24	70	41	Holiday	Holiday
11/27-11/30	69	38	95	-
Totals	363	192	325	164
FYTD Total	1,543	947	1,722	638

WEEK	CARSON CENTER – ACTIVITIES							
	TAI CHI	NEEDLE CRAFT (TUE)	CHAIR EXERCISE	SALSA	YOGA	BODY BALANCING	TABLE GAMES	NEEDLE CRAFT (FRI)
11/01-11/03	11	5	11	5	29	12	20	4
11/06-11/10	13	4	12	6	32	16	15	6
11/13-11/17	19	6	11	6	33	15	16	No Class
11/20-11/24	-	5	13	8	36	Holiday	Holiday	5
11/27-11/30	19	4	11	6	32	14	17	-
Totals	62	24	58	31	162	57	68	15
FYTD Total	175	108	134	152	378	212	347	99

SENIOR SOCIAL SERVICES

Senior Social Service's mission is to ensure our most vulnerable homebound seniors stay home safely while meeting their essential needs. Senior Service Aide visits are running with full caseloads every week. Assistance consists of running errands, including trips to the grocery store and pharmacy, and assisting with essential chores that keep seniors home safe while maintaining their independence. Due to increased referrals, staff has added more seniors to this and other city programs and referred seniors to County and State programs. Staff is currently interviewing and reviewing applications to hire additional Aides. We hope to have four Aides working in the new year. Human Services Assistant Coordinator Ilene Renteria has been adding new senior workshops and lectures to our programs; staff is looking forward to new additions

in 2024. Our Senior Service Aide program is also under Ilene's management as we look to hire new employees and provide additional training for our current staff.

The Assisted Living program staff helps other departments, including Code Enforcement, Housing, and Transportation. In addition, Senior Services Aides help seniors without transportation complete Dial-A-Ride applications (DAR), Code Enforcement Hoarding cases, general welfare checks, adult protective service cases, and LA Homeless Portal cases as needed. Housing Rights Center walk-in clinics occur monthly. Human Services is working closely with the new City employees in the Housing Department, Fariba Moghadam, and Toni Carter, as affordable senior housing remains a huge issue. Staff continues to receive inquiries about housing daily and refer them as necessary. With the addition of the new staff in the Housing department, our staff have been able to share in the tasks of all related responsibilities. Housing department staff have been invited to present all senior-related offerings at the next Senior Advisory Commission meeting on December 11, 2023.

Keeping abreast of the latest county, state, and federal programs and organizations and community partners that offer virtual programming is essential to ensuring our seniors have access to the latest programs. Furthermore, the staff is working closely with Bet Tzedek Legal, CSUDH OLLI, and others to schedule classes and workshops for 2023. The county's adult protective services and Carson Sheriff's Station continue to collaborate on welfare checks. The winter of 2023 and the entire year of 2024 will be filled with workshops, lectures, and training tailored to senior residents' needs and interests. A lecture series with Partners in Care, Bet Tzedek, H.E.L.P., GENESIS at Harbor UCLA, and Alzheimer's Association has been confirmed. This year, the Senior Share Storytellers, Bereavement, and Caregiver Support groups have been ongoing. A bi-annual luncheon and multiple speakers on relevant topics will be held for attendees in the new year.

November marks the beginning of a busy remainder of the year for the seniors and the staff working with them. A donation of turkeys and all the trimmings was provided by the ILWU - Longshoreman Union as part of its annual Thanksgiving basket donation. Thirty baskets were distributed by staff from the Stroke Center, Senior Services, Early Childhood, and Therapeutic Recreation to deserving households; our department values and appreciates this long-term partnership with the Union.

EARLY CHILDHOOD

Early Childhood continues to offer full-time classes Monday through Friday, 8:00 a.m. - 5:00 p.m. at the Carson Event Center and Carson Park. Part-time classes are offered Monday through Friday, 8:00 a.m. - 12:00 p.m. or 1:00 p.m. - 5:00 p.m. at the Carson Event Center and Dolphin Park.

The approximate revenue for November was \$31,345.00.

WEEK	EARLY CHILDHOOD EDUCATION		
	AM	PM	FT
11/01-11/03	25	13	36
11/06-11/10	25	13	36
11/13-11/17	25	13	36
11/20-11/24	25	13	36
11/27-11/30	25	13	36
Totals	125	65	180
FYTD Total	600	312	864

THERAPEUTIC RECREATION

The fall programs of Softball, Adventures in Art, and Adult Day Club ended this month. Participants met new friends, socialized, and worked on new skills. Highlights this month included a field trip to the Cabrillo Marine Aquarium and a fall wreath art project. The softball team competed in the Special Olympics fall games on November 11th and 12th in Fountain Valley, leaving with a bronze medal. The approximate revenue for November was \$400.00.

WEEK	THERAPEUTIC RECREATION		
	SOFTBALL	ART	ADULT DAY CLUB
11/01-11/03	No Class	8	5
11/06-11/10	12	No Class	No Class
11/13-11/17	No Class	No Class	No Class
11/20-11/24	No Class	No Class	No Class
11/27-11/30	No Class	No Class	No Class
Totals	12	8	5
FYTD Total	115	110	73

SPECIAL INTEREST CLASSES

Fit Happens went on hiatus in November due to a conflict with the CEC schedule and inclement weather. The goal is to return after the spring of 2024.

On November 4, 2023, Start Smart Soccer held its all-team culmination potluck at Calas Park. Start Smart will be on hiatus during the winter months until mid-February 2024, when basketball will resume.

For the Intergenerational Program, a culminating event was held at the Carson Event Center on Wednesday, November 15, 2023, at 3:00 p.m. Small desserts were served, the Council presented certificates, and cards and gifts were exchanged among the participants. In addition, the management and city managers attended the event to express their pride in and support the program. Santa visits are scheduled for various city events (Tree Lighting, Winterfest, Silver Cheer) and park visits throughout the city. Due to a staff shortage, private visits by Santa Sleigh are still being discussed.

YOUTH & FAMILY SERVICES/PREVENTION & AFTERCARE

Families with children under 18 in the home can receive prevention and aftercare services through case navigation, resources, and referrals. These families are referred by the Department of Children and Family Services (DCFS) or other organizations; in some cases, they are self-referred. Case navigation involves one-on-one communication between the case navigator and the family to discuss struggles, accomplishments, and goals. Families who do not need case navigation can also be provided with additional links. The links may include, but are not limited to, food giveaways, counseling services, tutoring services, or housing services. As a result, most case navigation is now conducted in person, depending on the client's and staff's comfort level. Social connection and youth and family groups, the Crafty Club, and Ladies Circle are on hiatus until the new year. The Nurturing Father program is between sessions, and the Girl's Empowerment Group is paused until we find a new staff member to facilitate the group. Both groups have been very successful so far.

WEEK	NEW CLIENTS	OPEN CASES	CLOSED CASES	REFERRALS RECEIVED	EXTRA LINKAGES
11/01-11/03	-	3	-	-	5
11/06-11/10	-	3	-	-	4
11/13-11/17	1	4	-	1	3
11/20-11/24	-	4	-	-	4
11/27-11/30	-	4	-	2	1
Totals	1	18	-	3	17
FYTD Total	2	29	9	14	99

CARSON EVENT CENTER

The Carson Event Center offers 40,000 square feet of versatile meeting and event spaces. Interested in hosting a special event, wedding reception, or holiday party? Let us assist you with all your logistical needs, as our knowledgeable staff has extensive experience in event planning and prides themselves on exceptional customer service before and throughout your event. We look forward to bringing your vision to life.

RENTALS

November gave us a respite at the Carson Event Center as we prepared for our busy holiday season and began installing decorations. We celebrated Veteran's Day and Thanksgiving Day, and we hosted an array of events, including social events, business meetings, and city-sponsored events. The data for November is as follows:

November 2023				
Event Type	November Events	November Revenue	FY Total Events	FYTD Total Revenue
External	53	\$51,238.25	239	\$233,865.12
Internal	136	\$0.00	749	\$0.00

TRANSPORTATION

The City of Carson's Transportation workgroup provides citywide transportation programs, including fixed-route public bus service, first mile/last mile ride-hail services, specialized elderly and disabled transportation services, and bus transportation in support of City parks and youth programs. Transportation also works directly with LA Metro, South Bay Cities Council of Government (SBCCOG), and South Coast Air Quality Management District (AQMD) on a variety of transportation policies, new initiatives, and funding opportunities.

LONG BEACH TRANSIT

Long Beach Transit (LBT) provides fixed-route bus services in Carson across three routes. Riders can travel down major surface streets in both directions and connect faster to major destinations and neighboring bus lines. Service hours and route schedules can be accessed at <https://ridelbt.com/carson/>.

Long Beach Transit Ridership			
Route	Passenger Boardings	Revenue Miles*	Revenue Hours**
2	4,506	7,072	594
4	8,967	5,933	667
8	3,258	7,271	714
Oct 2023 totals	16,731	20,276 miles	1,975 hours
Sept 2023 totals	14,846	19,339 miles	1,871 hours

*Miles traveled while performing route

**Hours incurred while performing route

CARSON CIRCUIT

In conjunction with LBT, the Carson Circuit provides additional bus service through two neighborhood-serving routes. To better meet the needs of its riders, service runs during peak commuting times between 7:00 a.m. and 9:55 a.m. and again from 2:00 p.m. to 4:55 p.m. These modifications were also supported by the City's first Comprehensive Operations Analysis or route study. The current promotion of the service includes advertisements on the City's social media pages, distribution of flyers, and other methods.

Ridership steadily increases as more riders learn about the program and its routes. Additional flyers and social media posts help to promote awareness across the community.

	Carson Circuit Ridership					
	Cash Fare (\$1)	Wheelchair (free)	Seniors Students (free)	TAP	Transfers	Total Boardings
Oct 2023 – AM	28	1	215	3	43	247
Oct 2023 - PM	15	1	198	22	32	236
Oct 2023 totals	43	2	413	25	75	483
Sep 2023 totals	5	-	471	16	2	492

DIAL-A-RIDE

General Dial-A-Ride service has been made available to Carson residents of all ages, with or without disabilities. Participants can order on-demand taxi service and receive a 50% discount on their ride. Carson residents can take advantage of complimentary no-cost taxi rides to and from any City-designated vaccination site within three (3) miles of City boundaries. Taxi drivers will stay with the riders throughout the process, ensuring a safe and worry-free return.

Dial-A-Ride Ridership				
Month & Year	Total Rides	Total Passengers	Avg Trips per Day	Avg Cost per Trip
Oct 2023	1,903 rides	2,753 passengers	61 trips per day	\$12.27 per trip
Oct 2022 comparison	1,373 rides	1,764 passengers	44 trips per day	\$12.87 per trip
CY 23 YTD	16,220 rides	21,697 passengers	53 trips per day	\$12.27 per trip

LYFT

Carson residents can receive a 50% discount on the cost of their Lyft ride. Riders pay half, and the city pays half, up to a maximum trip cost of \$20. Participants must be 18 years of age or older to ride alone. Rides must start AND end within City boundaries.

Lyft Ridership			
Month & Year	Total Rides	Avg total cost per trip	Avg trip cost to rider
Oct 2023	1,008 rides	\$9.69	\$4.82
Oct 2022 comparison	716 rides	\$11.32	\$5.63
CY 23 YTD	8,202 rides	\$9.65	\$4.76
April 2020* – present	24,718 rides	\$10.13	\$4.81

*Start of City partnership with Lyft.

Most rides took 7-8 minutes in duration and 2-3 miles in distance. Average trip costs are rising due to: (1) Increased ride times from traffic returning to pre-pandemic levels and (2) Nationwide shortage of drivers/gig workers.

FUTURE PLANS

Staff concluded a capital improvement project to upgrade the City's bus stops with new shelters, benches, and trash receptacles. The upgrades match the newer silver units along Carson Street and near CSUDH. Staff is awaiting the delivery of two battery-electric buses (BEB) as a pilot. EV buses emit zero greenhouse gasses, providing a cleaner environment for riders and residents. Upfront purchase costs exceed traditional internal combustion engine (ICE) examples. However, annual operating costs for EVs are expected to be significantly less than their ICE counterparts.