

# LAWA BY THE NUMBERS



Aircraft landing over terminals at LAX



## ESG MATRIX

Objective	KPI/Tracked Information (if applicable)	Target (if applicable)	Location of 2023 metric in report
<b>Environmental</b>			
Demonstrate leadership by enhancing efficiency, promoting green power generation, and boosting resiliency	LADWP Power Grid sources; annual solar generation	100% renewable electricity by 2045	Energy Stewardship ( <a href="#">page 18</a> )
	Energy use per passenger at LAX	Further reduce energy use per passenger 15% by 2025, 30% by 2035, and 65% by 2045 over 2011 levels	Energy Stewardship ( <a href="#">page 18</a> and <a href="#">19</a> )
Increase recycled water use and reducing potable water use	Water usage per passenger at LAX	Additional 25% reduction in potable water use per passenger by 2025 and 30% by 2035 over 2017 levels	Water Management ( <a href="#">page 23</a> )
	Reclaimed water usage as percentage of total	Increase recycled water use 30% by 2035	Water Management ( <a href="#">page 23</a> )
	Landscape irrigation at LAX	Eliminating potable water consumption for non-potable uses by 2045	Water Management ( <a href="#">page 24</a> )
Encourage airlines to implement practices to reduce noise impact on communities	Winners of the Fly Quieter Program	Implement the LAX Fly Quieter Program	Natural Resources Management ( <a href="#">page 45</a> )
Reduce GHG emissions	Current GHG emissions	Carbon neutrality by 2045	Air Emissions Management ( <a href="#">page 31</a> )
		Upgrade to higher Airport Carbon Accreditation (ACA) level by 2023	Air Emissions Management ( <a href="#">page 31</a> )
Develop a more sustainable fleet	Quantity of zero emission buses	Achieve 20% zero emissions bus fleet by 2023; achieve 100% zero emissions bus fleet by 2030	Air Emissions Management ( <a href="#">page 29</a> )
	Quantity of electric light-duty vehicles	Archive 25% light-duty electric vehicle fleet by 2023 and 100% light duty vehicle fleet by 2031	Air Emissions Management ( <a href="#">page 29</a> )
	GSE emissions factors, current incentive programs	Stronger GSE targets	Air Emissions Management ( <a href="#">page 30</a> )
	Percentage of fleet made up of AFV	100% compliance with LAX Alternative Fuel Vehicle Policy Complete gate electrification program for all cargo, hangar, maintenance, and remain-over-night aircraft parking positions	Air Emissions Management ( <a href="#">page 29</a> )

Objective	KPI/Tracked Information (if applicable)	Target (if applicable)	Location of 2023 metric in report
Provide comprehensive trip reduction programs	Ridership and adoption of ridershare programs and FlyAway	N/A	Air Emissions Management ( <a href="#">page 27</a> and <a href="#">28</a> )
Divert materials where possible from landfill	Current diversion rate, tons of diverted waste	Achieve non-construction waste diversion of 25% by 2025; achieve non-construction waste diversion of 50% by 2035	Material Resources Management ( <a href="#">page 34</a> )
	Current diversion rate of on-going construction projects	Achieve construction waste diversion of 90% by 2025; 95% by 2035	Material Resources Management ( <a href="#">page 34</a> )
	Quantity of food waste collected; quantity of food waste recycled	Expand food donation and waste collection efforts	Material Resources Management ( <a href="#">page 34</a> )
Protect local biodiversity and restore the LAX Dunes	Number of native species planted	Continue to strive for the natural addition of flora and fauna with no net loss of biodiversity in the LAX Dunes	Natural Resources Management ( <a href="#">page 46</a> to <a href="#">48</a> )
	Number of community events held, hours volunteered, quantity of invasive species removed	Implement invasive plant management in the El Segundo Blue Butterfly Habitat (ESBB) Restoration Area (HRA)	Natural Resources Management ( <a href="#">page 46</a> to <a href="#">48</a> )
		Continue to improve the Coastal Dunes Improvement Project (CDIP) area in northern section of the LAX Dunes	Natural Resources Management ( <a href="#">page 46</a> to <a href="#">48</a> )
		Continue weeding and restoration activities	Natural Resources Management ( <a href="#">page 46</a> to <a href="#">48</a> )
	Amount of grants obtained	Secure grants that will benefit the LAX Dunes, habitat, flora, and fauna	Natural Resources Management ( <a href="#">page 46</a> )
Continue to build sustainably	Number of LEED certified buildings	All new LAWA or tenants building construction and major renovations are required to achieve LEED Silver or higher as well as seek additional sustainability certifications	Sustainable Construction Practices ( <a href="#">page 37</a> ); LAWA by the Numbers ( <a href="#">page 71</a> to <a href="#">73</a> )
	Number of existing office spaces that have received California Green Business Certification	N/A	Corporate Responsibility ( <a href="#">page 14</a> )

Objective	KPI/Tracked Information (if applicable)	Target (if applicable)	Location of 2023 metric in report
<b>Social</b>			
Promote community involvement through events and community meetings	Number of community events hosted and attended; community meetings attended	N/A	Corporate Responsibility ( <a href="#">page 10</a> )
Develop and expand partnerships to promote a sustainable local workforce for the airport and airport-related projects	Percentage of local workers on active projects by head count and hours worked; HireLAX graduates, iCare participation	N/A	Corporate Responsibility ( <a href="#">page 12</a> and <a href="#">13</a> )
Continue to implement inclusivity requirements in LAWA contracts and monitor compliance	Existing Local/Small/Disabled Veterans Enterprise Program pledges and current utilization.	N/A	Corporate Responsibility ( <a href="#">page 12</a> )
Provide transparency in operations and flight procedures to surrounding communities	N/A	Launch web-based noise portals for LAX and VNY	Noise Management ( <a href="#">page 42</a> )
Educate the public on on-going airport work and sustainability programs	Number of tours, educational opportunities	N/A	Corporate Responsibility ( <a href="#">page 10</a> and <a href="#">14</a> )
<b>Governance</b>			
Hold and communicate code of business ethics and core ethical values	Current code of business conduct and core ethical values	N/A	ESG ( <a href="#">page 52</a> )
Promote diversity and equity through workforce expansion	Current employee count and demographics	N/A	ESG ( <a href="#">page 53</a> )
Provide transparency in financial reporting	Key economic data for VNY and LAX	N/A	LAWA by the Numbers ( <a href="#">page 66</a> )
Provide platforms for effective communication and education to LAX employees	N/A	N/A	Corporate Responsibility ( <a href="#">page 14</a> )
Educate employees on human trafficking and methods to recognize potential trafficking	N/A	N/A	ESG ( <a href="#">page 53</a> )

## LAWA

### CORPORATE RESPONSIBILITY

#### Key Economic Data for 2023 at LAX and VNY

	LAX 2023 (\$)	VNY 2023 (\$)
Total Revenue Generation	\$2,042,287,000	\$24,730,000
Total Expenses	\$905,005,000	\$20,055,000
Total Income	\$1,137,282,000	\$3,995,000
Total Outstanding Bonds for LAX	\$12,731,421,000	N/A
Debt Payments for LAX	\$485,459,000	N/A
Capital Reinvestment at LAX	\$2,269,162,000	N/A
Guest Experience and Guest Services at LAX	\$9,672,000	N/A
Environmental and Noise Programs	\$12,386,000	\$201,000
Safety and Security	\$163,830	\$3,206,000

Note: Total of Operating Income before Depreciation and Amortization and Other Non-operating Revenue, net before Interest Expense.

#### Airports Council International Airport Service Quality Program

Category	Q4 2018 Score	Q4 2019 Score	Q4 2020 Score	Q4 2021 Score	Q4 2022 Score	Q4 2023 Score
Overall	3.82	3.79	4.11	3.81	3.77	3.74
LAX check-in wait times (at airline check-in)	4.10	4.10	4.31	4.01	4.13	3.96
Security checkpoint wait times	3.94	3.97	4.35	3.96	3.99	3.97
Wayfinding	3.96	3.93	4.19	3.12	3.85	3.81
Wi-Fi	3.67	3.74	3.87	3.79	3.64	3.59
Restroom cleanliness	3.78	3.87	4.10	3.55	3.72	3.67
Food and beverage	3.59	3.55	3.57	3.52	3.48	3.41
Retail	3.56	3.54	3.61	4.07	3.38	3.30

Note: All scores are out of 5.

#### Local/Small/Diverse Business Participation

Business Type	% Utilization	% Average Pledge
Small business enterprise (SBE)	35.3%	39.2%
Local business enterprise (LBE)	7.1%	40.4%
Local small business enterprise (LSBE)	5.1%	18.4%
Disabled veteran business enterprise (DVBE)	1.3%	7.6%
Minority business enterprise (MBE)	N/A	13.6%
Women business enterprise (WBE)	N/A	7.0%

Began tracking in 2023

## LAX

## PASSENGER VOLUME, CARGO ACTIVITY, AND AIRCRAFT OPERATIONS

Year	Total Passengers	Cargo Activity (tons)	Aircraft Operations
2011	61,862,052	1,789,204	603,912
2012	63,688,121	1,867,155	605,480
2013	66,665,726	1,851,433	614,917
2014	70,663,519	2,002,910	636,706
2015	74,956,305	2,132,486	654,501
2016	80,921,527	2,205,335	697,138
2017	84,557,968	2,389,474	700,362
2018	87,533,177	2,448,337	707,833
2019	88,068,013	2,313,247	691,257
2020	28,779,527	2,464,845	379,364
2021	48,007,284	2,974,073	506,769
2022	65,924,298	2,754,570	556,913
2023	75,050,851	2,368,148	575,097

## WATER CONSERVATION

Year	Total Potable Water Use (gallons)	Total Potable Water Consumption per Pax (gallons/pax)	Total Reclaimed Water Use (gallons)	Percentage of Reclaimed Water Use
2011	624,694,472	10.1	47,245,176	7.0%
2012	497,671,328	7.8	56,368,382	10.2%
2013	545,073,584	8.2	53,485,740	8.9%
2014	500,940,836	7.1	54,315,272	9.8%
2015	471,740,412	6.3	36,190,484	7.1%
2016	479,056,600	5.9	43,740,796	8.4%
2017*	470,707,424	5.6	33,553,036	6.7%
2018	478,642,208	5.5	27,532,384	5.4%
2019	543,405,544	6.2	19,499,612	3.5%
2020	281,587,592	9.8	27,119,488	8.8%
2021	347,543,988	7.2	23,620,344	6.4%
2022	429,861,388	6.5	24,085,600	5.3%
2023	431,132,988	5.7	21,878,252	4.8%

\*Baseline year

## ENERGY STEWARDSHIP

Year	Total Energy Consumption (MMBtu)	Total Energy Consumption per Passenger (kBtu/pax)	Electricity Consumption (kWh)	Electricity Consumption per Passenger (kWh/pax)	Natural Gas Consumption (therms)	Natural Gas Consumption per Passenger (therms/pax)
2011	1,443,426.57	23.33	163,880,003	2.65	8,842,680	0.14
2012	1,298,672.47	20.39	173,698,818	2.73	7,060,121	0.11
2013	1,240,649.80	18.61	200,464,917	3.01	5,566,635	0.08
2014	937,727.59	13.27	204,947,976	2.90	2,384,451	0.03
2015	968,851.25	12.93	190,373,140	2.54	3,192,981	0.04
2016	1,048,815.54	12.96	167,221,670	2.07	4,782,552	0.06
2017	1,057,364.05	12.50	171,866,868	2.03	4,709,543	0.06
2018	1,138,869.69	13.01	184,727,253	2.11	5,085,803	0.06
2019	1,199,637.79	13.62	191,463,331	2.17	5,463,649	0.06
2020	1,120,015.06	38.92	164,585,042	5.72	5,584,509	0.19
2021	1,083,357.12	22.57	167,116,624	3.48	5,131,552	0.11
2022	1,220,338.37	18.51	186,636,714	2.83	5,835,339	0.09
2023	1,170,511.14	15.60	193,413,904	2.58	5,105,829	0.07

## AIR EMISSIONS MANAGEMENT

## Vehicle Fuel Use

Year	Gasoline (gallons)	Diesel (gallons)	Propane (therms)	Liquid Natural Gas (LNG) (gallons)	CNG (gasoline gallon equivalent)	Total
2011	297,390	67,148	48,867	274,692	888,988	1,577,086
2012	299,056	67,073	54,463	310,416	870,820	1,601,828
2013	305,248	48,044	80,177	243,460	854,456	1,531,386
2014	295,868	51,764	85,444	248,998	860,830	1,542,905
2015	287,637	53,100	87,982	240,491	912,807	1,582,017
2016	281,328	54,598	84,559	237,460	846,200	1,504,145
2017	278,869	76,976	97,247	288,662	685,767	1,427,521
2018	256,964	83,760	84,519	273,454	910,541	1,609,237
2019	296,797	104,980	48,090	475,619	564,602	1,490,088
2020	236,832	55,305	19,660	129,398	837,169	1,277,913
2021	246,176	66,017	15,893	100,411	733,146	1,161,642
2022	247,816	68,245	20,632	91,830	770,288	1,198,811

## LAX LAWA Fleet

Fuel Type	Percentage of Total Fuel
Gasoline	32.3%
Diesel	4.7%
Flexible-fuel	2.1%
CNG	27.4%
Fully Electric	27.3%
Hybrid Electric	2.0%
Propane	3.8%
Biofuel	0.0%
LNG	0.4%

Note: Totals may not add up to 100% due to rounding.

## FlyAway® Program

Year	FlyAway® Program Ridership (riders/year)	FlyAway® Program Emissions Reduced (MTCO <sub>2</sub> e)
2011	1,383,350	8,697
2012	1,435,180	9,135
2013	1,477,885	6,715
2014	1,576,945	7,073
2015	1,637,421	7,175
2016	1,620,991	6,997
2017	1,820,343	8,336
2018	1,920,082	3,674
2019	1,984,879	5,271
2020	634,277	Not Reported
2021	1,004,906	633
2022	1,461,838	2,636
2023	1,716,454	3,337

Note: FlyAway® Program Ridership Emissions Reductions were not reported in 2020 as passenger levels reduced significantly due to route changes, social distancing, and LA's Safer-at-Home Order in response to the COVID-19 pandemic.



**GSE Equipment Breakdown by Fuel Type**

Year	Total Equipment	Diesel Equipment (% of total)	Electric Equipment (% of total)	Gasoline Equipment (% of total)	LPG/Propane/CNG Equipment (% of total)
2013	2,724	860 (32%)	999 (37%)	421 (15%)	444 (16%)
2014	N/A	N/A	N/A	N/A	N/A
2015	2,133	558 (26%)	848 (40%)	373 (17%)	354 (17%)
2016	2,603	619 (24%)	1,073 (41%)	614 (24%)	297 (11%)
2017	2,715	680 (25%)	1,052 (39%)	591 (22%)	392 (14%)
2018	2,608	670 (26%)	919 (35%)	690 (26%)	304 (12%)
2019	2,691	645 (24%)	925 (34%)	726 (27%)	395 (15%)
2020	2,642	585 (22%)	817 (31%)	834 (32%)	406 (15%)
2021	3,513	873 (25%)	1,047 (30%)	1,047 (30%)	546 (16%)
2022	3,563	872 (24%)	1,117 (31%)	970 (27%)	604 (17%)
2023	3,842	841 (22%)	1,249 (32%)	1,023 (27%)	729 (19%)

**GHG Emissions (MTCO<sub>2</sub>e)**

	1990	2015	2016	2017	2018	2019	2021	2022	2023
<b>Scope 1—Stationary Sources</b>	41,860	18,679	20,591	22,760	29,601	30,965	32,798	30,834	37,087
<b>Scope 1—Vehicles</b>	4,219	11,775	7,711	9,316	9,885	7,169	5,063	3,992	3,057
<b>Scope 2—Electricity</b>	65,781	54,380	82,692	58,5392	58,697	56,728	44,338	50,296	46,497
<b>Scope 3—Indirect</b>	14,669,323	1,709,237	1,684,133	1,654,111	1,855,567	1,571,719	1,097,501	1,192,365	1,789,545

**LAX Alternative Fuel Vehicle Requirement Program Breakdown by Fuel Type**

Year	Total Vehicle Count	Bio-diesel	CNG	Diesel-Compliant	Diesel-Non-Compliant	Electric	Gasoline-Compliant	Gasoline-Non-Compliant	Hybrid	LNG	Propane
2016	1,290	3	409	183	226	41	224	125	5	6	68
2017	1,739	3	625	225	237	51	352	131	5	15	95
2018	1,758	3	571	465	0	51	554	0	6	17	88
2019	1,177	3	311	419	0	65	290	0	8	6	68
2020	1,137	2	386	331	0	11	318	0	8	12	116
2021	1,122	3	386	351	0	43	312	0	2	6	89
2022	1,369	8	384	358	0	45	422	0	2	15	133
2023	1,167	0	327	56	0	325	385	0	24	5	45

**MATERIAL RESOURCES MANAGEMENT**

**LAX Recycled Materials (tons)**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Construction &amp; Demolition Debris</b>	8,996	10,825	9,615	13,282	20,179	405,360	391,123	129,008	0.0	59,993	6,300	6,005	152,033
<b>Mixed Paper/ Cardboard</b>	7,423	5,581	8,067	8,207	1,516	675	286	1,197	1,485	—	—	7,280	5,205
<b>Wood &amp; Pallets</b>	2,452	1,146	2,582	1,154	1,755	192	50	68	27	48	26	10	281
<b>Biomass</b>	229	341	394	349	146	59	96	37	4	—	0	780	575
<b>Food &amp; Grease Rendering</b>	133	13	14	28	60	19	35	135	91	—	0	1,599	277
<b>Glass</b>	10	28	11	11	10	0	0	N/A	0	—	—	—	—
<b>Plastic</b>	558	829	765	859	873	389	428	392	0	—	—	—	—
<b>IT Equipment (Recycled &amp; Donated)</b>	N/A	N/A	N/A	10	17	12	N/A	N/A	N/A	—	2	6	—
<b>Metals</b>	486	440	562	454	377	179	122	126	136	114	70	112	149
<b>Others</b>	996	400	617	400	1,241	1,651	1,217	616	691	839	1,013	1,754	975
<b>Tires</b>	377	85	77	85	17	14	15	20	16	6	0	12	11
<b>Food Waste</b>	—	—	—	—	—	—	68	100	139	86	12	297	470

Notes: Numbers as reported to LAWA's Environmental Programs Division.

"Others" category through 2017 includes CPUs/monitors, jet fuel/engine oil, toner cartridges, textiles, and mixed recyclables. "Others" category beginning in 2018 includes universal waste (motor oil, batteries, solvents, coolants, paints, and fluorescent lamps), and mixed recyclables.

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TBIT viewed from the airfield

## SUSTAINABLE CONSTRUCTION PRACTICES

## Green Building Projects at LAX to Date

Project	Description	Square Footage	Sustainability Rating System	Certification Status	Level	Construction Completion Date
<b>Tom Bradley International Terminal (TBIT)</b>	First renovation of terminal	993,244	LEED NC v2.1	Certified	Silver	2010
<b>Air Rescue and Fire Fighting (ARFF)</b>	Construction of ARFF Station 80	27,500	LEED NC v2.2	Certified	Gold	2011
<b>Terminal 6 Alaska Board Room</b>	Renovation of Alaska Board Room; completed as a tenant project	4,666	LEED CI v2009	Certified	Gold	2012
<b>Interim West Bus Terminal</b>	Renovation of the TBIT bus terminal located on the new north concourse	42,743	LEED NC v2.2	Certified	Silver	2013
<b>Bradley West</b>	Design and construction of new terminal building, concourses, gates, and surrounding aprons	1,215,925	LEED NC v2.2	Certified	Gold	2015
<b>Central Utility Plant</b>	Design and construction of a new plant that replaced the existing facility	88,814	LEED CI v2.0	Certified	Gold	2015
<b>Star Alliance Lounge (in TBIT)</b>	Air New Zealand passenger lounge; completed as a tenant project	18,000	LEED CI v2009	Certified	Gold	2016
<b>Bradley Renovations</b>	Renovation of existing Bradley main terminal and demolition of old terminal buildings	277,084	LEED CI v2009	Certified	Silver	2017
<b>Terminal 1.5</b>	New construction of the New Passenger Processing Building for Southwest Airlines (between Terminals 1 and 2)	194,000	CAL Green Tier 1 LEED NC v2009	Certified	Silver	2020
<b>United Airlines East Aircraft Maintenance and GSE Project</b>	Consolidate and modernize existing aircraft maintenance and GSE facilities	410,000	LEED NC v4	Final Certification Review Underway	Silver Target	2021
<b>West Gates at Tom Bradley International Terminal (formerly Midfield Satellite Concourse North)</b>	New multi-level concourse, associated aircraft parking aprons, taxiways/taxilanes, and utilities	750,000	LEED NC v2009	Certified	Gold	2021

## Green Building Projects at LAX (continued)

Project	Description	Square Footage	Sustainability Rating System	Certification Status	Level	Construction Completion Date
<b>Intermodal Transportation Facility West</b>	Four story, 4,300 stall parking structure, the first component of LAX's LAMP project. Will include 5,000 square feet of concession space and LAWA Security & Badging Office	1,700,000	CALGreen Tier 1	Complete	Tier 2 Platinum Target	2021
<b>LAX Airport Police Facility</b>	New construction of LAX Police Headquarters that includes police headquarters, parking structure, firing range	160,000 SF headquarters building, with 40,000 SF training facility and parking structure	LEED v4 BD+C: NC	Complete	Gold	2021
<b>American Airlines Terminals 4.5 Terminal Vertical Core</b>	The Vertical Cores Project is the interface between the T4 and T5 and the terminal	605,948	Phase 1—LEED NCv4, T4/5 Interiors—LEED CIV4	Complete	Gold	T4.5 construction completed Q4 2022; future phases through 2028
<b>LAX Terminal Core APM T5.5</b>	Passenger connection point between the APM, Terminal 5, and Terminal 6	99,000	LEED v4 BD+C: NC	In progress	Silver Target	Anticipated 2023
<b>LAX Bus Yard</b>	Relocation of the Bus Yard at LAX: 4,000 sq ft office building serving the bus employees and staff and a bus charging pad, charging the electric buses running for airport operations	4,000	LEED v4 BD+C: NC	In progress	Silver Target	On-hold
<b>Automated People Mover Maintenance Storage Facility</b>	Maintenance and storage facility to clean, store, and maintain APM vehicles	115,000	LEED v4 BD+C: NC	In progress	Gold Target	Anticipated 2023
<b>ConRAC</b>	New construction of a consolidated car rental facility	498,576	LEED v4 BD+C: CS	Complete	Gold	Anticipated 2024
<b>Delta T2/3—Delta Sky Way at LAX</b>	Facility for Delta Air Lines and code share partners; Rebuild of Terminal 3 and renovation of parts of Terminal 2; Centralized security screening, consolidated baggage, and secure connector to TBIT	801,070	LEED NC v3	In progress	Silver Target	Anticipated 2023

## Green Building Projects at LAX (continued)

Project	Description	Square Footage	Sustainability Rating System	Certification Status	Level	Construction Completion Date
LAX Terminal Core APM TBIT	Interface between the APM and the TBIT	141,000	LEED v4 BD+C: NC	In progress	Silver Target	Anticipated 2024
Automated People Mover	Elevated electric train system that will transport travelers in and out of the LAX CTA	N/A—2.2 miles of elevated guideway	Envision V3.0	Complete	Gold	Envision Gold received 2022. Project completion anticipated 2025
Midfield Satellite Concourse South	South Concourse extension of West Gates at TBIT	Eight ADG III gates, 148,913 sf	LEED v4	In progress	Silver Target	Anticipated 2024
LAX Terminal 4 Modernization Project	Phased redevelopment of LAX terminals 4 and 5 for American Airlines	796,474	LEED v4 BD+C: NC	In progress	Silver Target	2028
Airfield & Terminal Modernization Project	Improvements to airfield, terminal, and landside focusing on Concourse 0, Terminal 9, airfield safety improvements, and an elevated roadway system.	Concourse 0: 650,000 sf Terminal 9: 1,400,000 sf	LEED v4	In progress	Silver Target	2028

## NATURAL RESOURCES MANAGEMENT

## Dunes Volunteering

Year	# Volunteers	Invasive Plants Removed (lbs)	Year	# Volunteers	Invasive Plants Removed (lbs)
2015	377	4,254 lbs	2020	119	500 lbs
2016	467	5,747 lbs	2021	56	7,230 lbs
2017	671	6,850 lbs	2022	302	17,896 lbs
2018	689	6,829 lbs	2023	362	10,900 lbs
2019	774	8,939 lbs			

Note: Prior to the LA Safer-at-Home Order, LAWA held dune restoration events, however events were put on hold on March 3, 2020 and restarted in October 2021, therefore the amount of trash removed in 2020 from the dunes decreased compared to other years.

## VNY

## AIRCRAFT OPERATIONS

Year	Aircraft Operations
2011	298,049
2012	263,948
2013	273,173
2014	238,618
2015	217,063
2016	220,228
2017	231,323
2018	262,903
2019	219,048
2020	232,039
2021	301,122
2022	283,690
2023	329,558

## WATER CONSERVATION

Year	Total Potable Water Use (gallons)
2011	6,933,730
2012	7,711,898
2013	14,244,164
2014	15,526,236
2015	8,878,012
2016	8,166,664
2017	12,402,588
2018	14,541,382
2019	17,740,316
2020	15,257,704
2021	11,636,636
2022	16,575,680
2023	8,396,300

## ENERGY STEWARDSHIP

Year	Total Electricity Use (kWh)	Total Natural Gas Use in Buildings (therms)	Total Energy Consumption (MMBtu)
2011	4,048,286	23,620	16,175.33
2012	4,076,587	21,970	16,106.90
2013	4,204,799	17,399	14,858.19
2014	3,960,424	9,929	15,636.85
2015	4,012,968	9,485	14,019.21
2016	4,359,074	15,485	16,422.28
2017	4,632,587	16,415	17,448.55
2018	4,917,200	19,284	18,693.59
2019	4,872,710	29,067	19,532.39
2020	3,497,391	18,916	13,824.70
2021	2,993,841	17,597	11,974.69
2022	3,066,464	16,727	12,135.48
2023	2,878,900	13,940	11,216.81

## AIR QUALITY

## VNY Fleet

Fuel Type	Percentage of Total Fuel	Count
Gasoline	41%	18
Diesel	5%	2
Flexible-fuel	2%	1
CNG	18%	8

Fuel Type	Percentage of Total Fuel	Count
Fully Electric	20%	9
Hybrid Electric	7%	3
Propane	5%	2
Bifuel	2%	1

Greenhouse Gas (GHG) Emissions (MTCO<sub>2</sub>e)

	2013 (baseline)	2014	2015	2016	2017	2018	2019	2021	2022	2023
Scope 1—Heating	11	7	10	13	10	15	29	10	12	16
Scope 1—Vehicles	405	364	353	390	305	296	190	184	156	186
Scope 2—Electricity	95	89	87	74	76	144	100	190	79	66
Scope 3—Indirect	N/A	N/A	N/A	N/A	N/A	115,549	104,193	125,337	119,849	89,071