



## ENVIRONMENTAL DISCLOSURE

Grand Canyon Education, Inc. and its subsidiary and affiliated entities (“GCE” and “Company”) is committed to environmental responsibility by taking steps to positively impact the natural environment in its local community and the world at large. GCE provides this disclosure in order to offer transparency to its stakeholders and the larger community with regard to the Company’s environmental footprint and its efforts to reduce that footprint over time. All data provided herein relates solely to the Company’s facilities and operations in Phoenix, Arizona, which comprises the vast majority of the Company’s environmental footprint.

CATEGORY	RISKS AND OPPORTUNITIES	OUR CONTROLS	OUR PERFORMANCE
<b>Energy Consumption</b>	<b>Risks</b> <ul style="list-style-type: none"> <li>➤ Non-renewable natural resource use</li> <li>➤ Emissions</li> </ul> <b>Opportunities</b> <ul style="list-style-type: none"> <li>➤ Renewable energy</li> <li>➤ Energy efficiencies</li> <li>➤ Emerging building technologies</li> <li>➤ Improving employee behavior</li> </ul>	<ul style="list-style-type: none"> <li>➤ Measuring company energy consumption</li> <li>➤ Creating future energy use goals</li> <li>➤ Means of conserving energy in all offices and departments</li> <li>➤ Promoting energy reduction routes within employee population</li> </ul>	<ul style="list-style-type: none"> <li>➤ Disclosing company energy consumption</li> <li>➤ Promoting energy conservation</li> <li>➤ Implementing motion-detecting lights, which power off when people are not present</li> <li>➤ Interior and exterior LED light bulbs</li> <li>➤ Energy-efficient VRF mechanical system, which uses <i>half</i> of what a typical environmentally efficient building does, and is 60% more efficient</li> </ul>
<b>Water Use</b>	<b>Risks</b> <ul style="list-style-type: none"> <li>➤ Natural resource use</li> </ul> <b>Opportunities</b> <ul style="list-style-type: none"> <li>➤ Water use reduction efforts</li> <li>➤ Improving employee behavior</li> </ul>	<ul style="list-style-type: none"> <li>➤ Measuring company water use</li> <li>➤ Creating future water use goals</li> <li>➤ Introducing water reduction initiatives within employee population</li> </ul>	<ul style="list-style-type: none"> <li>➤ Disclosing company water use</li> <li>➤ Initiating sustainable water efforts by implementing certain water conservation techniques</li> <li>➤ Push-tap water faucets to use less running water in bathrooms</li> <li>➤ Rooftop rainwater collection system</li> </ul>
<b>Waste</b>	<b>Risks</b> <ul style="list-style-type: none"> <li>➤ Non-renewable natural resource use</li> <li>➤ Pollution</li> <li>➤ Land use</li> </ul> <b>Opportunities</b> <ul style="list-style-type: none"> <li>➤ Waste Reduction</li> <li>➤ Waste Recycling</li> <li>➤ Improving employee behavior</li> </ul>	<ul style="list-style-type: none"> <li>➤ Measuring company waste</li> <li>➤ Creating future waste reduction goals</li> <li>➤ Means of recycling in all offices and departments</li> <li>➤ Promoting recycling and non-waste efforts within employee community</li> </ul>	<ul style="list-style-type: none"> <li>➤ Disclosing company waste</li> <li>➤ Readily available recycling facilities in all offices and departments</li> <li>➤ Use of recycled building materials</li> </ul>

## **GRAND CANYON EDUCATION'S ENVIRONMENTAL IMPACT**

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## ENERGY

<b>Date</b>	<b><i>Energy usage in Kilowatt-Hour (kWH)</i></b>
January 2019	318,663
February 2019	302,549
March 2019	351,872
April 2019	377,025
May 2019	393,110
June 2019	429,267
July 2019	551,465
August 2019	548,832
September 2019	543,144
October 2019	432,863
November 2019	346,566
December 2019	315,916
January 2020	288,072
February 2020	294,999
March 2020	344,901
April 2020	269,745
May 2020	386,673
June 2020	393,841
July 2020	332,332
August 2020	484,594
September 2020	438,599
October 2020	359,508
November 2020	282,414
December 2020	240,120
January 2021	221,969
February 2021	227,925
March 2021	251,771
April 2021	289,763
May 2021	339,558
June 2021	393,859
July 2021	419,907
August 2021	440,778
September 2021	408,079
October 2021	349,151
November 2021	291,363
December 2021	247,749
January 2022	240,531
February 2022	212,093
March 2022	241,648
April 2022	278,132
May 2022	325,198
June 2022	361,961
July 2022	468,243
August 2022	502,322
September 2022	464,227
October 2022	394,801

November 2022	274,864
December 2022	253,679
January 2023	244,114
February 2023	234,434
March 2023	243,926
April 2023	252,097
May 2023	310,794
June 2023	332,119
July 2023	470,742
August 2023	477,351
September 2023	456,025
October 2023	377,584
November 2023	293,018
December 2023	274,867

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## **GRAND CANYON EDUCATION'S ENERGY USE AND GOALS**

As a growing company, it is necessary to develop and operate numerous buildings to house our employees and operations. As such, we are aware that energy use comprises a significant portion of our environmental impact. Our existing facilities were constructed using energy-efficient materials and systems. GCE also practices energy conservation by allowing many employees the option to work remotely. We will continue to implement practices that will increase the energy efficiency of our existing buildings, as well as being mindful of new technology on the market that we can utilize in the future.

- As part of our goal to expand our use of renewable energy, we have partnered with an energy provider that is committed to increasing renewable energy sources which include solar, geothermal, wind, hydro, and biomass. We anticipate that nearly 50% of the company's energy sources are going to be carbon-free by 2025.
- The vendor from whom we source our energy, Salt River Project, is committed to conservation and possesses clear sustainability goals that feature carbon emission reductions through the use of free and renewable power; supply chain and waste reduction; customer and grid enablement; and customer, community, and employee engagement.

## GRAND CANYON EDUCATION'S ENVIRONMENTAL IMPACT (cont.)

<b>WATER</b>		
<b>Date</b>	<b><i>Water usage in Centum Cubic Feet (CCF)</i></b>	<b><i>Waste Water Discharge (CCF)</i></b>
January 2019	612	278
February 2019	533	361
March 2019	756	338
April 2019	1,076	368
May 219	1,258	317
June 2019	1,358	299
July 2019	1,875	372
August 2019	1,692	337
September 2019	1,080	330
October 2019	1,350	309
November 2019	912	298
December 2019	431	264
January 2020	647	304
February 2020	663	331
March 2020	614	236
April 2020	1,036	35
May 2020	1,303	29
June 2020	1,377	33
July 2020	1,616	47
August 2020	1,876	37
September 2020	1,168	34
October 2020	1,092	42
November 2020	980	45
December 2020	539	49
January 2021	444	44
February 2021	404	58
March 2021	855	73
April 2021	1,241	77
May 2021	1,465	59
June 2021	1,742	65
July 2021	1,467	71
August 2021	932	68
September 2021	961	77
October 2021	961	71
November 2021	933	70
December 2021	347	62

January 2022	506	63
February 2022	529	70
March 2022	799	82
April 2022	1,165	73
May 2022	1,504	65
June 2022	1,459	72
July 2022	1,419	68
August 2022	1,341	71
September 2022	1,312	115
October 2022	990	105
November 2022	1,316	105
December 2022	313	71
January 2023	305	79
February 2023	519	73
March 2023	245	67
April 2023	708	71
May 2023	974	46
June 2023	980	48
July 2023	1163	51
August 2023	1180	70
September 2023	889	84
October 2023	893	100
November 2023	726	82
December 2023	352	69

## **GRAND CANYON EDUCATION'S WATER USE AND GOALS**

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Being based in the desert city of Phoenix, Arizona, GCE is committed to increasing water efficiency and conservation. We plan on reaching our goals by introducing new technology that will optimize water conservation in all future building developments, facility renovations, and landscape upgrades.

- GCE partners with the City of Phoenix which sources their water supply primarily from the Salt River Project, which comes from the Salt River, Verde River, and the Central Arizona Project which transports Colorado River water. We do not withdraw water from wells.



## GRAND CANYON EDUCATION'S ENVIRONMENTAL IMPACT (cont.)

WASTE		
Date	Trash generated in tons	Recycling generated in tons
January 2019	17.28	7.36
February 2019	15.36	6.40
March 2019	16.64	6.72
April 2019	16.64	7.04
May 2019	17.28	7.36
June 2019	16.00	6.40
July 2019	15.48	7.45
August 2019	16.08	7.79
September 2019	14.88	6.77
October 2019	16.08	7.79
November 2019	15.48	7.45
December 2019	15.48	7.11
January 2020	16.08	7.79
February 2020	14.29	6.77
March 2020	15.48	7.11
April 2020	5.85	3.39
May 2020	5.54	3.18
June 2020	5.16	2.98
July 2020	4.42	2.86
August 2020	7.25	2.98
September 2020	7.68	2.85
October 2020	13.24	8.80
November 2020	15.36	7.68
December 2020	8.96	4.48
January 2021	9.35	3.90
February 2021	9.35	3.90
March 2021	9.35	3.90
April 2021	4.68	2.34
May 2021	3.12	1.56
June 2021	6.24	1.56
July 2021	6.24	1.56
August 2021	18.71	3.90
September 2021	18.71	3.90
October 2021	18.71	3.90
November 2021	9.35	3.90
December 2021	3.11	.78
January 2022	9.35	2.34
February 2022	9.35	2.34
March 2022	9.35	2.34
April 2022	9.35	2.34
May 2022	10.79	2.70

June 2022	9.35	2.34
July 2022	9.35	2.34
August 2022	9.35	3.90
September 2022	9.35	3.90
October 2022	9.35	3.90
November 2022	9.35	3.90
December 2022	9.35	3.90
January 2023	9.35	3.90
February 2023	9.35	3.90
March 2023	9.35	3.90
April 2023	9.35	3.90
May 2023	9.35	2.34
June 2023	9.35	2.34
July 2023	9.35	2.34
August 2023	9.35	3.90
September 2023	9.35	3.90
October 2023	9.35	3.90
November 2023	9.35	3.90
December 2023	9.35	3.90

## GRAND CANYON EDUCATION'S WASTE USAGE AND GOALS

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While every growing corporation generates waste, GCE understands the importance of adopting sustainable practices in an effort to minimize waste creation.

- GCE does not have significant air emissions from nitrogen oxides (NO<sub>x</sub>), excluding N<sub>2</sub>O. GCE does not have any air emissions from sulfur oxides (SO<sub>x</sub>); non-methane volatile organic compounds; particulate matter; or hazardous air pollutants.
- Since GCE has zero hazardous waste generation, GCE does not include the percentage of waste incinerated since incinerations do not occur in the state of Arizona.
- All of GCE's waste is either recycled or landfilled.
- GCE is proud to partner with a vendor for waste removal that has a 35% greenhouse gas reduction goal approved by the Science-Based Target Initiative. Our vendor is focused on reducing emissions from their landfills and fleet, which make up roughly 95% of Scope 1 and Scope 2 emissions.