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June 11, 2024

Adam J. Teitzman, Commission Clerk Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, Florida 32399-0850

RE: Docket No. 20240025, In re: Petition for rate increase by Duke Energy Florida, LLC

Dear Mr. Teitzman:

Please find enclosed the Direct Testimony of Lindsey R. Stegall and Exhibit No. LRS-1 on behalf of EVgo Services, LLC for filing in Docket No. 20240025.

Thank you for your consideration.

Sincerely,

Nikhil Vijaykar Keyes & Fox LLP 580 California Street, 12th Floor San Francisco, CA 94104 Tel.: 408-621-3256 E-mail: nvijaykar@keyesfox.com

Counsel to EVgo Services, LLC

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

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In re: Petition for rate increase by Duke Energy Florida, LLC Docket No. 20240025-EI

Submitted for filing: June 11, 2024

DIRECT TESTIMONY OF

LINDSEY R. STEGALL

ON BEHALF OF EVGO SERVICES, LLC

JUNE 11, 2024

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Exhibit No. LRS-1: Lindsey R. Stegall Qualifications

I.

INTRODUCTION AND PURPOSE OF TESTIMONY

2	Q.	Please state your name, title and business address.
3	А.	My name is Lindsey R. Stegall. I am a Senior Manager of Market Development and
4		Public Policy at EVgo Services, LLC ("EVgo"). My business address is 11835 W.
5		Olympic Blvd. Suite 900E Los Angeles, CA 90064.
6	Q.	Have you prepared a statement of your experience and qualifications?
7	А.	Yes. My qualifications are included as Exhibit LRS-1 to this testimony.
8	Q.	On whose behalf are you testifying in this proceeding?
9	А.	I am appearing on behalf of EVgo. EVgo is a leader in charging solutions, building
10		and operating the infrastructure and tools needed to expedite the mass adoption of
11		electric vehicles (EVs) for individual drivers, rideshare and commercial fleets, and
12		businesses. EVgo is one of the nation's largest public fast charging providers,
13		featuring over 1,000 fast charging locations across more than 35 states, including
14		stations built through EVgo eXtend [™] , its white label service offering. EVgo is
15		accelerating transportation electrification ("TE") through partnerships with
16		automakers, fleet and rideshare operators, retail hosts such as grocery stores,
17		shopping centers, and gas stations, policy leaders, and other organizations.
18		Under its owner-operator business model, EVgo develops, finances, owns,
19		and operates its fast-charging network. EVgo works with site host partners across the
20		country to deploy EV charging solutions at retail locations that are already part of
21		customers' daily routines. EVgo installs the public direct current fast chargers
22		("DCFC") at no cost to the site host partner. EVgo also maintains the customer
23		relationship with the EV driver, providing a call center that is available to customers
24		24/7, and is responsible for operations and maintenance of its EV charging network.

25 Today, nearly 40% of EVgo's fast charging stalls are powered by a 350kW charger—

1		almost double the percentage a year ago-to best serve vehicle models with the most
2		advanced battery technology and high peak charging speeds.
3	Q.	What is EVgo's interest in this proceeding?
4	A.	EVgo is an electric commercial retail customer of Duke Energy Florida, LLC ("DEF"
5		or "the Company"), taking service under the Company's General Service Rates.
6		EVgo currently owns and operates 25 fast-charging stalls in the Company's service
7		territory with plans for expansion across the state.
8		In this proceeding, DEF proposes to replace its existing Commercial and
9		Industrial Rebates Program ("C&I Rebates Program") with a new Electric Vehicle
10		Make Ready Credit Program ("MRC Program"). DEF also proposes to recover the
11		costs of its proposed MRC Programs from its ratepayers (which include EVgo).
12		Company witness Duff explains DEF's proposed MRC Program and associated costs
13		and revenues in detail, while Company witness Olivier describes the incorporation of
14		the MRC Program into DEF's cost of service.
15		If the Commission approves DEF's proposed MRC Program, EVgo will pay
16		for the costs of the program through rates and will also be eligible to participate in the
17		program. Further, the success of DEF's proposed TE programs will impact the rates
18		paid by DEF ratepayers in the future. Increased electrification leads to a higher
19		electric load, which distributes system costs across a larger customer base, thereby
20		exerting downward pressure on rates. Therefore, the outcome of this proceeding will
21		directly affect EVgo.
22	Q.	What is the purpose of your testimony?
23	A.	The purpose of my testimony is to provide the Commission, the utility, and
24		stakeholders with the unique perspective of an established owner-operator of EV
25		charging infrastructure with experience in more than 35 states, including Florida, to

1		ensure the Company's proposed MRC Program will achieve its desired objectives and
2		benefit DEF's customers. In order to achieve those aims, the program must prudently
3		invest ratepayer money and be designed to effectively drive deployment of EV
4		charging infrastructure in the Company's service territory.
5		EVgo supports the non-residential component of DEF's proposed MRC
6		Program in concept and applauds the Company for proposing an improvement over
7		its existing C&I Rebates Program. However, I recommend certain modest
8		modifications to the program that are necessary to ensure it achieves its objectives
9		and maximizes benefits for DEF's ratepayers.
10	Q.	Please summarize your recommendations to the Commission in this proceeding.
11	A.	EVgo recommends the Commission approve the MRC Program with the following
12		modest modifications:
13		1. Increase the make ready credit maximum for public DCFC greater than 50 kW
14		to \$50,000 per stall.
15		2. Adjust the MRC Program budget for DCFC greater than 50 kW to reflect
16		EVgo's proposed make ready credit maximum level while continuing to
17		accommodate DEF's forecasted participation levels (a total of 164 DCFC
18		installs greater than 50 kW between 2025 and 2027). This could be
19		accomplished by re-allocating the \$22.8 million non-residential budget among
20		the seven different sectors, as opposed to increasing DEF's overall MRC
21		Program budget.
22		Adopting these recommendations will ensure the MRC Program achieves higher
23		participation rates than the existing C&I rebate program, ¹ unlocking greater benefits
24		for DEF ratepayers, while keeping the overall budget constant.
25	II.	BACKGROUND

1	Q.	What is DCFC infrastructure and how does it drive greater EV adoption?
2	А.	Public or commercial DCFC charges a vehicle's battery using direct current at high
3		power, which allows for fast charging in minutes instead of hours. DCFC is well-
4		suited for quick charge needs in and around cities, towns, and suburbs and along
5		high-traffic travel corridors. DCFC stations are located at or near places where drivers
6		live, drive, and shop, including retail locations, restaurants, grocery stores, and other
7		locations where an EV driver will be for 15-45 minutes. By contrast, Level 2 charging
8		typically provides a full charge in 4 to 8 hours and is sought in longer duration, long
9		dwell-time locations such as at workplaces, homes, amusement parks, or other
10		destinations where drivers may spend several hours.
11		EVgo has found that public DCFC helps drive EV adoption, and therefore
12		increases charging and electric load by serving a variety of drivers' needs. DCFC
13		builds the range confidence of EV drivers, especially on trips between cities or across
14		the country. As the Florida Department of Transportation ("FDOT") notes in its
15		Electric Vehicle Infrastructure Master Plan ("EVMP") released in 2021, range
16		anxiety during longer trips is still a perceived barrier to EV adoption. ² Public DCFC
17		also plays an important role in dense, urban, and suburban areas where not every
18		home has a driveway, attached garage, or in many cases, any dedicated parking. In
19		fact, according to the International Council on Clean Transportation, apartment-
20		dwelling EV drivers living in multifamily housing rely on public charging for 50-80%
21		of their charging ³ as they typically do not have access to dedicated parking or home
22		charging. Similarly, research from UCLA's Luskin Center shows that 43% of
23		multifamily housing residents rely on DCFC stations for their primary means of
24		charging. ⁴ Although Florida provides homeowners with the right to install charging
25		stations in their residences, ⁵ renters, including those living in multifamily housing,

still lack this "right to charge," further exacerbating these drivers' need to access
 public fast charging. Thus, siting DCFC in community locations near multifamily
 housing and existing amenities drives EV adoption by providing charging options to
 drivers that do not own a single-family home.

What definitions are useful to understand when discussing EV charging

5 6 **Q**.

infrastructure?

7 A. I aim to clarify EVgo's definitions of certain terms that will appear in my testimony. 8 First, a DCFC location is a site with one or more EV chargers serving one or more 9 stalls. A *stall* is a parking space where one vehicle can charge at a time. An EV 10 *charger* is a device that provides electricity to recharge the batteries of EVs. An EV 11 charger may have one or more connectors and the ability to serve one or more stalls. 12 A connector includes the cable and plug that connects the charger to the EV. Two 13 stalls may be supported by one EV charger with two connectors that can "power share," providing electricity to two vehicles simultaneously.⁶ Port is another term that 14 15 is frequently used but is not consistently defined.

16 Q. What public interest benefits of TE has the state of Florida recognized?

17 A. Florida's EVMP explains that TE provides opportunities to transform mobility by 18 providing environmentally friendly and cost effective travel options while promoting 19 energy independence.⁷ It notes that electric mobility provides several benefits to both 20 transportation and energy sectors including, but not limited to, reduced greenhouse 21 gas ("GHG") emissions leading to positive environmental impacts; increased energy 22 diversity and independence; zero tailpipe emissions leading to improved air quality, 23 reduction in noise pollution and improved vehicle efficiency; and lower cost of 24 vehicle ownership for households due to lower fuel and maintenance costs.⁸

25 Q. How does electric vehicle charging benefit utility ratepayers?

1	А.	Electric vehicle charging increases electric load and thereby spreads system costs
2		over a greater volume of customers, causing downward pressure on future rates. DEF
3		witness Duff aptly illustrates this impact in his testimony, where he explains—in the
4		context of the Company's proposed MRC Program— "the ongoing increase in energy
5		consumption will continue to add revenue to the system [t]he resulting downward
6		pressure on rates is a benefit to all customers."9
7		These ratepayer benefits are not just theoretical. A 2020 study by Synapse
8		Economics found that the benefits from TE outweighed the costs for the two utilities
9		in the U.S. with the most EVs—Pacific Gas & Electric ("PG&E") and Southern
10		California Edison ("SCE"). Synapse observed that over eight years, "EV drivers in
11		PG&E's and SCE's service territories contributed \$806 million more in revenues
12		than associated costs, driving rates down for all customers." ¹⁰
13		The economic benefits of TE for ratepayers are widely recognized by utilities
14		and public service commissions across the country and several studies have been
15		conducted across the country to quantify these benefits.
16	Q.	Have the ratepayer benefits of TE been quantified for the state of Florida?
17	A.	Yes. In 2019, Duke Energy worked with M.J. Bradley & Associates ("MJB&A") to
18		conduct six state-level analyses "intended to provide input to state policy discussions
19		about actions required to promote further adoption of electric vehicles, as well as to
20		inform internal Duke planning efforts."11 The study focused on Florida estimated the
21		costs and benefits of increased adoption of plug-in electric vehicles ("PEVs") in the
22		state, including the financial benefits that would accrue to all electric utility
23		customers in Florida due to greater utilization of the electric grid during low load
24		hours and resulting increased utility revenues from PEV charging. The study found
25		that if Florida PEV adoption follows the moderate trajectory assumed by the Energy

1		Information Administration, \$2.2 billion will accrue to electric utility customers in
2		the form of reduced electric bills from TE by 2050. ¹² If PEV sales in Florida are high
3		enough to get the state onto a more aggressive trajectory (for example through
4		supportive policies and programs), the study estimates that benefits for utility
5		customers could exceed \$21.7 billion for utility customers by 2050. ¹³ While this study
6		is a few years old, it still illustrates the potential magnitude of ratepayer benefits from
7		increasing TE in the state.
8	III.	MAKE READY CREDIT PROGRAM
9	Q.	What is the purpose of this section of your testimony?
10	A.	In this section of my testimony, I address the Company's proposal to replace its
11		existing C&I Rebate Program with a new MRC Program. As I stated above, EVgo
12		supports the Company's proposal in concept, but recommends certain modest
13		modifications to the program. Below, I will explain my support for the program
14		concept and my recommended modifications. As EVgo is focused primarily on high
15		power charging, I will focus on the portion of the proposal related to public DCFC
16		greater than 50 kW.
17	Q.	Please describe the Company's C&I Rebates Program.
18	A.	The Company piloted the C&I Rebates Program in January 2022 after the
19		Commission's Order approving the 2021 Settlement Agreement. The program
20		provides a rebate to C&I customers that install EV charging stations behind a separate
21		meter. For public DCFC, DEF offers up to \$4,195 per charger capable of charging at
22		a dedicated capacity of 50 kW and above. ¹⁴
23	Q.	Has the C&I Rebates Program been successful?
24	А.	DEF states that the program has not been as successful as expected. While the
25		Company originally projected that the program's first two years of operation would

1		distribute approximately \$8.6 million in customer incentives for 1,420 chargers, to
2		date, only 26 EV chargers have been installed through the program with 79 EV
3		charger installations pending. ¹⁵
4	Q.	Why does the Company believe the program has been unsuccessful?
5	A.	One of the reasons the Company states for the minimal participation by its C&I
6		customers is the former requirement that chargers be placed on rate GST-1. ¹⁶ The
7		Company also found that some customers did not provide certain requested
8		information required to complete the application process. ¹⁷ Importantly, the Company
9		further noted that "participating customer feedback indicated that participation was
10		negatively impacted because EV charger installation costs were viewed as too high,
11		despite available incentives." ¹⁸
12	Q.	What does the Company propose with regard to the C&I Rebates Program in
13		this proceeding?
14	A.	The Company proposes to deploy the MRC Program as a replacement for the C&I
15		Rebates Program from 2025 through 2027. The proposed MRC Program would
16		provide an incentive, in the form of a credit on a customer's bill or a payment to a
17		contractor, to defray a portion of the EV "make ready" expenses related to the
18		installation of the infrastructure needed to bring safe electrical service to EV charging
19		hardware. This program would be available to nonresidential DEF customers that
20		install at their premises the wiring and circuitry required for a Level 2 or higher-
21		
<u> </u>		powered EVSE(s). The Company will not own the make ready infrastructure
22		powered EVSE(s). The Company will not own the make ready infrastructure associated with the MRC Program.
22 23	Q.	powered EVSE(s). The Company will not own the make ready infrastructure associated with the MRC Program. What are make-ready expenses?
22 23 24	Q. A.	 powered EVSE(s). The Company will not own the make ready infrastructure associated with the MRC Program. What are make-ready expenses? Make-ready expenses refer to the costs of service panels, junction boxes, conduit,

25 wiring and other components necessary to make a particular location able to

1 accommodate EVSE.

2	Q.	How will the program determine make ready credits for public DCFC greater
3		than 50 kW?
4	A.	DEF notes that for charging installations with more than 50 kW aggregate load, the
5		calculation to determine the maximum credit will be performed on a case-by-case
6		basis using information from the Customer Usage Profile form. The incentive range
7		that would be offered for different power levels is not clear to me based on filings in
8		this proceeding, but Exhibit TJD-1 shows that, for loads greater than 50 kW, the
9		budget allocates up to \$20,000 per install for DCFC. ¹⁹
10	Q.	What is the proposed budget and estimated participation level for public DCFC
11		greater than 50 kW?
12	A.	According to Exhibit TJD-1, the budget appears to be designed to support 164 installs
13		between 2025 and 2027 at a total budget of \$3,275,354.
14	0	How does DEF define "install" with regard to the MRC Program?
	×٠	now does belt define instant with regard to the write rrogram.
15	A.	This term does not appear to be defined, but I interpret <i>install</i> to be the equivalent of
15 16	A.	This term does not appear to be defined, but I interpret <i>install</i> to be the equivalent of what I have described as an EV <i>charger</i> —a device that provides electricity to EVs
15 16 17	А .	This term does not appear to be defined, but I interpret <i>install</i> to be the equivalent of what I have described as an EV <i>charger</i> —a device that provides electricity to EVs which may have one or more connectors and the ability to serve one or more stalls. ²⁰
15 16 17 18	Q.	This term does not appear to be defined, but I interpret <i>install</i> to be the equivalent of what I have described as an EV <i>charger</i> —a device that provides electricity to EVs which may have one or more connectors and the ability to serve one or more stalls. ²⁰ What is EVgo's position on the proposed MRC Program?
15 16 17 18 19	Q. A.	This term does not appear to be defined, but I interpret <i>install</i> to be the equivalent of what I have described as an EV <i>charger</i> —a device that provides electricity to EVs which may have one or more connectors and the ability to serve one or more stalls. ²⁰ What is EVgo's position on the proposed MRC Program? EVgo applauds DEF for proposing a program aimed at supporting deployment of EV
15 16 17 18 19 20	Q. A.	This term does not appear to be defined, but I interpret <i>install</i> to be the equivalent of what I have described as an EV <i>charger</i> —a device that provides electricity to EVs which may have one or more connectors and the ability to serve one or more stalls. ²⁰ What is EVgo's position on the proposed MRC Program? EVgo applauds DEF for proposing a program aimed at supporting deployment of EV charging by defraying make ready costs. Make ready programs have been
15 16 17 18 19 20 21	Q. A.	This term does not appear to be defined, but I interpret <i>install</i> to be the equivalent of what I have described as an EV <i>charger</i> —a device that provides electricity to EVs which may have one or more connectors and the ability to serve one or more stalls. ²⁰ What is EVgo's position on the proposed MRC Program? EVgo applauds DEF for proposing a program aimed at supporting deployment of EV charging by defraying make ready costs. Make ready programs have been implemented across the nation and, when well-designed and funded at levels that
15 16 17 18 19 20 21 22	Q. A.	 This term does not appear to be defined, but I interpret <i>install</i> to be the equivalent of what I have described as an EV <i>charger</i>—a device that provides electricity to EVs which may have one or more connectors and the ability to serve one or more stalls.²⁰ What is EVgo's position on the proposed MRC Program? EVgo applauds DEF for proposing a program aimed at supporting deployment of EV charging by defraying make ready costs. Make ready programs have been implemented across the nation and, when well-designed and funded at levels that align with the installed costs of DCFC, have been successful at deploying
15 16 17 18 19 20 21 22 23	Q. A.	This term does not appear to be defined, but I interpret <i>install</i> to be the equivalent of what I have described as an EV <i>charger</i> —a device that provides electricity to EVs which may have one or more connectors and the ability to serve one or more stalls. ²⁰ What is EVgo's position on the proposed MRC Program? EVgo applauds DEF for proposing a program aimed at supporting deployment of EV charging by defraying make ready costs. Make ready programs have been implemented across the nation and, when well-designed and funded at levels that align with the installed costs of DCFC, have been successful at deploying infrastructure and driving ratepayer benefits. In particular, EVgo appreciates that the
 15 16 17 18 19 20 21 22 23 24 	Q. A.	This term does not appear to be defined, but I interpret <i>install</i> to be the equivalent of what I have described as an EV <i>charger</i> —a device that provides electricity to EVs which may have one or more connectors and the ability to serve one or more stalls. ²⁰ What is EVgo's position on the proposed MRC Program? EVgo applauds DEF for proposing a program aimed at supporting deployment of EV charging by defraying make ready costs. Make ready programs have been implemented across the nation and, when well-designed and funded at levels that align with the installed costs of DCFC, have been successful at deploying infrastructure and driving ratepayer benefits. In particular, EVgo appreciates that the MRC Program is agnostic to the EV charging ownership model deployed at a given

increasing the incentive amount per install for public DCFC (relative to the existing
 C&I Rebates Program) in response to customer feedback.

3 However, while EVgo supports the general concept of DEF's proposed MRC 4 Program, I am concerned the Company's proposed maximum credit per install for 5 public DCFC greater than 50 kW is misaligned with the costs of installing DCFC²² 6 and will therefore not meaningfully support DCFC deployment. Despite the 7 Company's clear intention to support deployment of public charging through this 8 improved program design, like the C&I Rebate Program, the MRC Program will 9 likely underperform unless DEF modifies its credit levels. If the program is 10 unsuccessful, DEF ratepayers would be denied the benefits that result from increased 11 charging deployment and accelerated TE.

12 Q. Please elaborate.

13 A. Regarding the previous C&I Rebates Program, DEF found that "[t]he magnitude of 14 program incentive amounts for several segments are believed to be insufficient to drive meaningful participation."²³ Unfortunately, the proposed MRC Program does 15 16 not fully address this issue. In a 2023 study, the National Renewable Energy 17 Laboratory assessed the costs of charging infrastructure to estimate the cumulative 18 capital investment required to deploy a charging network that would accommodate 19 the EVs on the road in 2030. For DCFC, the study estimated the hardware cost for a 150 kW charger ranged from \$66,400 to \$102,200 per port,²⁴ while the hardware cost 20 for a 350+ kW charger ranged from \$116,400 to \$167,400 per port.²⁵ Additionally, 21 22 the study estimated the installation costs for a 150 kW charger ranged from \$45,800 23 to 94,000 per port, while the installation costs for a 350+ kW charger ranged from \$63,700 to \$117,900 per port.²⁶ Consequently, each port could cost between \$112,200 24 25 and \$285,300, with costs likely in the higher range due to common requirements such

1		as prevailing wage, Amer	icans with Disabilities Act acc	essibility, and Build America,
2		Buy America. Table 1 illustrates these costs alongside DEF's proposed make ready		
3		credit for DCFC greater th	nan 50 kW.	
4			Table 1.	
5			150 kW charger	350+ kW charger
6		Hardware Cost	Between \$66,400 and	Between \$116,400 and
7			\$102,200 per port	\$167,400 per port
8		Installation Costs	Between \$45,800 and	Between \$63,700 and
9			\$94,000 per port	\$117,900 per port
10		Total Costs	Between \$112,200 and	Between \$180,100 and
11			\$196,200 per port (and	\$285,300 per port (and
12			therefore potentially higher	therefore potentially higher
13			per charger)	per charger)
14		DEF Proposed MRC	\$20,000 per EV charger	\$20,000 per EV charger
15		Credit		
16				
17		Given the magnitude of th	ese costs, I am concerned the	Company's proposed \$20,000
18		maximum make ready cre	dit (for EV chargers greater th	an 50 kW)—which is less
19		than 10% of total DCFC c	osts—will not spur meaningfu	ll participation, creating the
20		risk that the MRC program	n will end up just as undersubs	scribed as the existing C&I
21		Rebates Program.		
22	Q.	What are the potential c	onsequences of an unsuccess	ful MRC program?
23	A.	As I have explained previ	ously, an unsuccessful program	n that deploys fewer DCFCs
24		will result in reduced bene	efits for ratepayers over the lor	ng term. It will also reduce the
25		broader public interest ber	nefits recognized by Florida's	EVMP. Further, a utility

1		program requires ratepayer funding to administer. If DEF's program is not optimally
2		designed and fails to meet its objectives, these annual program costs will be
3		squandered without delivering the expected benefits. This would represent an
4		inefficient use of ratepayer funds, which is contrary to fundamental principles of
5		public utility regulation and the Commission's goals. ²⁷
6	Q.	Are there other utility make ready programs across the country that efficiently
7		and effectively support DCFC deployment and serve as good examples?
8	A.	Yes. Utility programs across the country have recognized the costs of DCFC
9		hardware and installation and have set their level of utility investment in make ready
10		infrastructure accordingly. For example:
11		• Rocky Mountain Power in Utah's Electric Vehicle Infrastructure Program ²⁸
12		provides rebates of \$45,000 per single-connector charger and \$63,000 per
13		multi-connector charger, covering up to 75% of total charger and installation
14		costs. The program also provides incentives for electrical infrastructure and
15		installation costs up to \$50,000 per port for chargers over 125 kW. The
16		program provides a maximum incentive of \$500,000 per site.
17		• Tucson Electric Power's make ready program offers utility investment of up to
18		\$40,000 per DCFC connector, covering up to 75% of project costs. ²⁹ The
19		utility has allocated \$16.4 million for commercial rebates.
20		• Xcel Energy in Colorado's EV Supply Infrastructure Program provided make
21		ready infrastructure for 186 privately developed public DCFC with a total
22		budget of \$9.63 million between 2021 and 2023. ³⁰ Xcel also has a pending
23		make-ready program proposal that, if approved, would offer a \$45,000 make-
24		ready rebate per DCFC connector. If a DCFC location is in a
25		disproportionately impacted community, the program would offer up to

1		\$130,000 per connector in make-ready and charger rebates (depending on	
2		power levels). ³¹	
3	Q.	What do you recommend regarding the proposed make ready program?	
4	A.	EVgo recommends the Commission approve the MRC Program with the following	
5		modifications:	
6		1. Increase the make ready credit maximum for public DCFC greater than 50 kW	
7		to \$50,000 per stall.	
8		2. Adjust the MRC Program budget for DCFC greater than 50 kW to reflect	
9		EVgo's proposed make ready credit maximum level while continuing to	
10		accommodate DEF's forecasted participation level. This could be	
11		accomplished by re-allocating the \$22.8 million non-residential budget among	
12		the seven different sectors, as opposed to increasing DEF's overall MRC	
13		Program budget.	
14	Q.	Why do you propose a make ready credit of \$50,000 per stall?	
15	A.	This level of investment considers the costs of public DCFC and will meaningfully	
16		drive program participation, improving the program's efficiency and maximizing the	
17		benefits to ratepayers. This level of investment is also consistent with other utility	
18		programs across the country that have been successful. I suggest a per stall credit	
19		instead of a per install or per charger credit because aligning the credit with stall count	
20		more accurately reflects the functionality of the deployment. For instance, a four-stall	
21		site can serve four EV drivers regardless of the number of chargers, whereas a two-	
22		charger site could serve two to four drivers, depending on the number of connectors	
23		and stalls associated with the two chargers.	
24	Q.	How will the modified MRC Program lead to increased EV adoption?	

25 A. As identified in Florida's EVMP, one key critical barrier to EV adoption is the lack of

charging stations.³² Adopting my recommended program modifications will help
 address this barrier by ensuring the program achieves DEF's intended program
 participation levels and increases the deployment of public DCFC. The greater
 availability of public charging stations will accelerate EV adoption by increasing
 consumers' range confidence and improve charging accessibility for drivers living in
 multifamily housing.

7 Q. How will the modified MRC Program benefit DEF's ratepayers?

8 A. As I explained previously, the greater incremental loads created by increased EV 9 adoption and EV charging growth will reduce electric rates over time by spreading 10 system costs across a greater number of customers. Again, Company Witness Duff 11 explains this phenomenon in his Direct Testimony, stating the MRC Program will 12 benefit all customers because "the ongoing increase in energy consumption will 13 continue to add revenue to the system [...] without adding cost to the system. The 14 resulting downward pressure on rates is a benefit to all customers."³³ Moreover, 15 MJB&A evaluated the costs and benefits of increased penetration of PEVs in eight 16 states and found that "[e]lectric vehicle charging increases utility revenues as we shift 17 from gasoline use to greater reliance on the electric system. Higher revenues support 18 investment and maintenance of the electric system, benefiting all utility customers, regardless of the vehicle they drive."³⁴ As I explain previously, MJB&A estimated 19 20 that \$2.2 billion will accrue to electric utility customers in Florida in the form of 21 reduced electric bills from TE by 2050 given a moderate EV adoption trajectory. If 22 policies and programs supporting TE are adopted, such as the modified MRC 23 Program I recommend, electrification will accelerate and could result in benefits 24 exceeding \$21.7 billion for utility customers by 2050, according to MJB&A. Again, 25 real world data supports this theory, as a 2020 study by Synapse Economics observed

1		that over eight years two California utilities saw \$806 million more in revenues from
2		EV drivers than associated costs, which drove rates down for all customers. ³⁵
3	IV.	SUMMARY OF RECOMMENDATIONS
4	Q.	Please summarize your recommendations to the Commission.
5	A.	EVgo recommends the Commission approve the MRC Program with the following
6		modifications:
7		1. Increase the make ready credit maximum for public DCFC greater than 50 kW
8		to \$50,000 per stall.
9		2. Adjust the MRC Program budget for DCFC greater than 50 kW to reflect
10		EVgo's proposed make ready credit maximum level while continuing to
11		accommodate DEF's forecasted participation level. This could be
12		accomplished by re-allocating the \$22.8 million non-residential budget among
13		the seven different sectors, as opposed to increasing DEF's overall MRC
14		Program budget.
15		Adopting these recommendations will ensure the MRC Program is a prudent and
16		efficient ratepayer investment that drives increased participation compared to the
17		existing C&I rebate program, maximizing the benefits for DEF ratepayers as well as
18		the broad public interest benefits recognized by the state.
19	Q.	Does this conclude your direct testimony?

20 A. Yes.

¹ Duff Direct Testimony at 10:23-11:4. ² See Florida Department of Transportation, *EV Infrastructure Master Plan* at 7 (July 2021), available at: https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/emergingtechnologies/evprogram/fdotevmp.pdf?sfvrsn=b5888a_2. ³ Nicholas, M. et al., International Council on Clean Transportation, *Quantifying the Electric Vehicle Charging*

Infrastructure Gap Across U.S. Markets at 9 (January 2019), available at:

https://theicct.org/sites/default/files/publications/US charging Gap 20190124.pdf.

⁴ DeShazo and Di Filippo, UCLA Luskin Center for Innovation, *Evaluating Multi-Unit Resident Charging Behavior at Direct Current Fast Chargers* at 3, 13 (February 2021), available

at: <u>https://innovation.luskin.ucla.edu/wp-content/uploads/2021/03/Evaluating-Multi-Unit-Resident-Charging-Behavior-at-Direct-Chargeng-Behavior-at-Direct-Current-Fast-ChargersCurrent-Fast-Chargers.pdf</u>.

⁵ FLA. STAT. Ch. 718 § 113 (2021).

⁶ See EVgo Blog, Simultaneous Charging: Less Equipment, More Happy Customers (Mar. 8, 2023), available at: <u>https://evgo.com/blog/simultaneous-charging-less-equipment-more-happy-customers/</u>.

⁷ Florida Department of Transportation, EV Infrastructure Master Plan at 4.

⁸ Id. at 5.

⁹ Duff Direct Testimony at 20:23:21:3.

¹⁰ See Frost, J. et al., Synapse Energy Economics, *Electric Vehicles Are Driving Rates Down* (June 2020), available at: <u>https://www.synapse-energy.com/sites/default/files/EV_Impacts_June_2020_18-122.pdf</u> (emphasis added).

¹¹ See M.J. Bradley & Associates, *Electric Vehicle Cost-Benefit Analysis*, *Plug-In Electric Vehicle Cost Benefit Analysis: Florida* at 19 (January 2019), available at: <u>https://www.erm.com/globalassets/documents/mjba-archive/reports/2019/flpevcbanalysis07jan19.pdf</u>.

¹² *Id.* at ii.

¹³ *Id.* at iii.

¹⁴ See <u>https://www.duke-energy.com/business/products/ev-complete/charger-rebate</u>.

¹⁵ Duff Direct Testimony at 10:23-11:4.

¹⁶ The Company has since changed that requirement.

¹⁷ The Company plans to develop an online checklist to guide customers before and during the application process to address this.

¹⁸ Duff Direct Testimony at 11:9-11.

¹⁹ Exhibit TJD-1.

²⁰ EVgo has issued interrogatories in an attempt to clarify DEF's proposal. As of the filing of this testimony, those interrogatories remain pending.

²¹ Duff Direct Testimony at 22:2-7.

²² See Levy, J. et al., EVgo, *The Costs of EV Fast Charging Infrastructure and Economic Benefits to Rapid Scale-Up* (May 18, 2020), available at: <u>https://site-assets.evgo.com/f/78437/x/f28386ed92/2020-05-18_evgo-whitepaper_dcfc-cost-and-policy.pdf</u>.

²³ Duff Direct Testimony at 11:21-12:2.

²⁴ In this case "port" refers to a unit that provides power to charge only one vehicle at a time and therefore is equivalent to my defined term "stall."

²⁵ Eric Wood et al., rep., *The 2030 National Charging Network: Estimating U.S. Light-Duty Demand for Electric Vehicle Charging Infrastructure* (National Renewable Energy Laboratory, June 2023), https://www.nrel.gov/docs/fy23osti/85654.pdf, at 33.

²⁶ Id.

²⁷ See Florida Public Service Commission, *Mission Statement and Goals of the Florida Public Service Commission*, available at: <u>https://www.psc.state.fl.us/about</u> (accessed June 10, 2024) (stating a goal of economic regulation is to "[e]ncourage efficiency and innovation among regulated utilities.")

²⁸ See Rocky Mountain Power, *Utah Rebates for Business EV Chargers and Make-Ready Projects*, available at: <u>https://www.rockymountainpower.net/savings-energy-choices/electric-vehicles/utah-commercial-</u> incentives.html (last accessed on June 11, 2024).

²⁹ See Tucson Electric Power, *Program details*, available at: <u>https://tepev.clearesult.com/program-details</u> (last accessed on June 11, 2024).

³⁰ See Xcel Energy, *Transportation Electrification Plan, Public Service Company of Colorado, 2021-2023*, available at:

https://www.dora.state.co.us/pls/efi/efi_p2_v2_demo.show_document?p_dms_document_id=926521&p_sessio_n_id= (last accessed on June 11, 2024).

³¹ Colorado Public Utilities Commission, Proceeding No. 23A-0242E, Decision No. C24-022.

³² <u>Florida Department of Transportation, EV Infrastructure Master Plan</u> at 7.

³³ Duff Direct Testimony at 20-21.
 ³⁴ See M.J. Bradley & Associates, *Electric Vehicle Cost-Benefit Analyses*, available at: https://mjbradley.com/sites/default/files/NE%20PEV%208%20state%20Summary%2009nov17.pdf (last accessed on June 11, 2024).

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1 Experience & Qualifications: Lindsey R. Stegall

2	Ms. Stegall serves as Senior Manager of Market Development and Public Policy at
3	EVgo, where she leads the company's policy and regulatory engagement across the central
4	U.S. In this role, Ms. Stegall works with public utilities commissions, state legislatures, state
5	agencies, and other stakeholders to develop and support policies and programs that help
6	accelerate TE.
7	Within the last three years, Ms. Stegall served as an expert witness in two
8	Massachusetts proceedings related to the Electric Sector Modernization Plans of Eversource
9	Energy (D.P.U. 24-10) and National Grid (D.P.U. 24-11); a DTE rate case proceeding in
10	Michigan (Case No. U-21297); a Colorado Proceeding related to Public Service Company of
11	Colorado's (PSCo) second Transportation Electrification Plan (Proceeding No. 23A-0242E);
12	an Arizona Public Service (APS) rate case proceeding (Docket No. E-01345A-22-0144); a
13	Nevada proceeding related to NV Energy's Transportation Electrification Plan (Docket No.
14	21-09006); and a Colorado proceeding related to Public Service Company of Colorado's
15	(PSCo) commercial rates for EV charging (Proceeding No. 21AL-0494E). She also managed
16	EVgo's regulatory engagement in an Oncor Electric rate case in Texas (Docket No. 53601),
17	and transportation electrification plan cases filed by Northern States Power in Minnesota
18	(Docket No. E002/M-22-432), APS in Arizona (Docket No. E01345A-22-0067), NV Energy
19	in Nevada (Docket No. 21-09004), and Rocky Mountain Power in Utah (Docket No. 20-035-
20	34).

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1	Ms. Stegall has more than a decade of experience in the clean energy sector and has
2	been working on transportation electrification policy since 2018. Prior to joining EVgo in
3	2021, Ms. Stegall served as Manager of Policy and Regulatory Affairs at the Colorado
4	Energy Office (CEO), where she was employed for six years. During that time, Ms. Stegall
5	managed CEO's engagement in energy regulatory proceedings before the Colorado Public
6	Utilities Commission, including several related to transportation electrification and rate
7	design.
8	Ms. Stegall holds a Master of Business Administration degree in Sustainable
9	Management from Presidio Graduate School and a Bachelor of Arts degree from the
10	University of Colorado.

CERTIFICATE OF SERVICE

I hereby certify that a true copy of the foregoing has been furnished by electronic mail

this 11th day of June 2024 to the following:

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<u>/s/ Alicia Zaloga</u> Alicia Zaloga