

**SUSTAINABILITY ACCOUNTING STANDARDS BOARD (SASB)**

SASB provides globally applicable industry-specific standards that enables businesses to report on financially material sustainability topics and their associated metrics. NJR has included relevant disclosures in the three industries it operates: Gas Utilities and Distributors, Solar Technology and Project Developers and Oil, Gas and Midstream.

**Gas Utilities and Distributors**

Topic	Code	Accounting Metric	Unit of Measure	FY2021	FY2022	FY2023
Energy Affordability	IF-GU-240a.1	Average retail gas rate for residential customers	US Dollars	\$11.17	\$13.99	\$15.79
		Average retail gas rate for commercial customers		\$12.43	\$17.24	\$16.57
		Average retail gas rate for industrial customers <sup>1</sup>		n/a	n/a	n/a
		Average retail gas rate for transportation services only		\$5.06	\$6.18	\$6.89
	IF-GU-240a.2	Typical monthly gas bill for residential customers for 50 MMBtu of gas delivered per year	US Dollars	\$51.33	\$62.03	\$67.92
		Typical monthly gas bill for residential customers for 100 MMBtu of gas delivered per year		\$92.52	\$113.21	\$124.83
	IF-GU-240a.3	Number of residential customer gas disconnections for non-payment	Number	–	4,794	7,899
		Percentage reconnected within 30 days <sup>2</sup>	Percentage (%)	–%	53.5%	57.8%
IF-GU-240a.4	Discussion of impact of external factors on customer affordability of gas, including the economic conditions of the service territory	n/a	Please see this item on <a href="#">Page 40</a> of NJR's Corporate Sustainability Report.			

<sup>1</sup> All industrial customers are transportation customers; therefore, their rates are captured in the transportation segment. The NJNG tariff allows for limited exceptions to this. Please see NJR's response to Standard IF-GU-000.B for more information.

<sup>2</sup> NJNG measures reconnections over a 3-day period as opposed to the recommended 30-day. Disconnections for non-payment were suspended beginning March 16, 2020 due to the impacts of the COVID-19 pandemic. Disconnections resumed March 15, 2022.

Topic	Code	Accounting Metric	Unit of Measure	FY2021	FY2022	FY2023
End-Use Efficiency	IF-GU-420a.2	Residential Customer gas savings from efficiency measures by market <sup>3</sup>	Million British Thermal Units (MMBtu)	427,169	312,738	417,147
		Commercial Customer gas savings from efficiency measures by market <sup>3</sup>		6,296	2,098	42,584
Integrity of Gas Delivery Infrastructure	IF-GU-540a.1	Number of reportable pipeline incidents <sup>4</sup>	Number	0	1	0
		Number of reportable corrective action orders (CAO) <sup>4</sup>		0	0	0
		Number of reportable notices of probable violation (NOPV) <sup>4</sup>		0	0	0
	IF-GU-540a.2	Percentage of distribution pipeline that is cast and/or wrought iron	Percentage (%) by length	0%	0%	0%
		Percentage of distribution pipeline that is unprotected steel		1.3%	<1%	0%
	IF-GU-540a.3	Percentage of gas transmission pipelines inspected <sup>4</sup>	Percentage (%) by length	20%	17%	16%
		Percentage of gas distribution pipelines inspected <sup>4</sup>		0%	0%	0%
	IF-GU-540a.4	Description of efforts to manage the integrity of gas delivery infrastructure, including risks related to safety and emissions	n/a	Please see this item on Page <a href="#">15</a> and <a href="#">38</a> of NJR's Corporate Sustainability Report.		

<sup>3</sup> Some of the programs are initiatives that complement New Jersey's Clean Energy Program and NJNG may not record the energy savings for regulatory reporting purposes to avoid double counting.

<sup>4</sup> This data is reported to the Pipeline and Hazardous Materials Safety Administration on a calendar year basis, therefore, data is reflective of the months of January through December. (FY23=CY22, FY22=CY21, FY21=CY20)

Topic	Code	Accounting Metric	Unit of Measure	FY2021	FY2022	FY2023
Activity Metrics	IF-GU-000.A	Number of residential customers served	Number	524,428	529,595	536,219
		Number of commercial customers served		39,430	39,622	39,756
		Number of industrial customers served		25	25	25
	IF-GU-000.B	Amount of natural gas delivered to residential customers	Million British Thermal Units (MMBtu)	46,209,754	45,543,254	43,366,747
		Amount of natural gas delivered to commercial customers		8,618,272	8,669,379	8,423,645
		Amount of natural gas delivered to industrial customers <sup>5</sup>		0	0	0
		Amount of natural gas delivered transferred to a third party		15,170,406	14,485,240	13,576,476
	IF-GU-000.C	Length of gas transmission pipelines	Kilometers (km)	404	404	404
		Length of gas distribution pipelines		11,969	11,980	12,138

<sup>5</sup> The small industrial sales volumes are for service provided to interruptible customers during an interruption under certain circumstances. Please refer to Service Classification IS in the NJNG Tariff for further information.

## Solar Technology and Project Developers<sup>6</sup>

Topic	Code	Accounting Metric	Unit of Measure	FY2021	FY2022	FY2023
Activity Metrics	RR-ST-000.B	Total capacity of completed solar energy systems	Megawatts (MW)	367.8	386.6	468.8
	RR-ST-000.C	Total project development assets <sup>7</sup>	US Dollars (\$million)	\$993.40	\$1,037.70	\$1,207.50

<sup>6</sup> NJRCEV is not a manufacturer of solar technology, therefore, we have included the metrics applicable to solar owner operators.

<sup>7</sup> NJRCEV does not currently have any assets in development stages; this amount is reflective of total assets in service.

Oil, Gas and Midstream – Adelfia Gateway

Topic	Code	Accounting Metric	Unit of Measure	FY2021	FY2022	FY2023
GHG Emissions	EM-MD-110a.1	Gross global Scope 1 emissions <sup>8</sup>	Metric tons (t)	1,633	9,861	16,435
		Percentage methane	Percentage (%) CO <sub>2</sub> -e,	31.8%	69.4%	7%
		Percentage covered under emissions-limiting regulations	Percentage (%)	0%	0%	0%
	EM-MD-110a.2	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	n/a	Please see this item on <a href="#">Page 64</a> of NJR's Corporate Sustainability Report.		
Air Quality	EM-MD-120a.1	Air emissions of NO <sub>x</sub> (excluding N <sub>2</sub> O)	Metric tons (t)	<10	<10	<10
		Air emissions of SO <sub>x</sub>		<8	<8	<8
		Air emissions of volatile organic compounds (VOCs)		<8	<8	8.77
		Air emissions of particulate matter (PM <sub>10</sub> )		<3	<3	<3
Ecological Impacts	EM-MD-160a.1	Description of environmental management policies and practices for active operations	n/a	Please see this item on <a href="#">Page 64</a> of NJR's Corporate Sustainability Report.		
	EM-MD-160a.2	Percentage of land owned, leased, and/or operated within areas of protected conservation status or endangered species habitat	n/a	Please see this item on <a href="#">Page 64</a> of NJR's Corporate Sustainability Report.		
	EM-MD-160a.3	Terrestrial acreage disturbed, percentage of impacted area restored	Acre (ac), Percentage (%)	0%	0%	0%
	EM-MD-160a.4	Number and aggregate volume of hydrocarbon spills, volume in Arctic, volume in Unusually Sensitive Areas (USAs), and volume recovered	Number, Barrels (bbls)	0	0	0

<sup>8</sup> The year over year change in Adelfia emissions is due to the commissioning and operation of new assets along Adelfia Gateway Pipeline, completed in FY22.

Topic	Code	Accounting Metric	Unit of Measure	FY2021	FY2022	FY2023
Competitive Behavior	EM-MD-520a.1	Total amount of monetary losses as a result of legal proceedings associated with federal pipeline and storage regulations	Reporting currency	\$0	\$0	\$0
Operational Safety, Emergency Preparedness & Response	EM-MD-540a.1	Number of reportable pipeline incidents	Number	0	0	0
		Percentage of significant reportable pipeline incidents	Percentage (%)	0%	0%	0%
	EM-MD-540a.2	Percentage of natural gas pipelines inspected	Percentage (%)	0%	55%	0%
		Percentage of hazardous liquid pipelines inspected		n/a	n/a	n/a
	EM-MD-540a.3	Number of accident releases from rail transportation	Number	n/a	n/a	n/a
		Number of non-accident releases (NARs) from rail transportation		n/a	n/a	n/a
EM-MD-540a.4	Discussion of management systems used to integrate a culture of safety and emergency preparedness throughout the value chain and throughout project lifecycles	n/a	Please see this item on Pages <a href="#">37</a> and <a href="#">38</a> of NJR's Corporate Sustainability Report.			
Activity Metrics	EM-MD-000.A	Total metric ton-kilometers of natural gas products transported, by mode of transport	Metric ton (t) kilometers	9,589	6,982	11,897
		Total metric ton-kilometers of crude oil products transported, by mode of transport		n/a	n/a	n/a
		Total metric ton-kilometers of refined petroleum products transported, by mode of transport		n/a	n/a	n/a

Oil, Gas and Midstream - Leaf River

Topic	Code	Accounting Metric	Unit of Measure	FY2021	FY2022	FY2023
GHG Emissions	EM-MD-110a.1	Gross global Scope 1 emissions	Metric tons (t)	28,004	33,938	32,448
		Percentage methane	Percentage (%) CO <sub>2</sub> -e,	32.3%	29.2%	30.9%
		Percentage covered under emissions-limiting regulations	Percentage (%)	0%	0%	0%
	EM-MD-110a.2	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	n/a	Please see this item on <a href="#">Page 64</a> of NJR's Corporate Sustainability Report.		
Air Quality	EM-MD-120a.1	Air emissions of NO <sub>x</sub> (excluding N <sub>2</sub> O)	Metric tons (t)	37.6	56.3	50.6
		Air emissions of SO <sub>x</sub>		0.1	0.127	0.109
		Air emissions of volatile organic compounds (VOCs)		39.1	45.8	43.9
		Air emissions of particulate matter (PM <sub>10</sub> )		1.5	2.1	1.9
Ecological Impacts	EM-MD-160a.1	Description of environmental management policies and practices for active operations	n/a	Please see this item on <a href="#">Page 64</a> of NJR's Corporate Sustainability Report.		
	EM-MD-160a.2	Percentage of land owned, leased, and/or operated within areas of protected conservation status or endangered species habitat	n/a	Please see this item on <a href="#">Page 64</a> of NJR's Corporate Sustainability Report.		
	EM-MD-160a.3	Terrestrial acreage disturbed, percentage of impacted area restored	Acres (ac), Percentage (%)	0%	0%	0%
	EM-MD-160a.4	Number and aggregate volume of hydrocarbon spills, volume in Arctic, volume in Unusually Sensitive Areas (USAs), and volume recovered	Number, Barrels (bbls)	0	0	0

Topic	Code	Accounting Metric	Unit of Measure	FY2021	FY2022	FY2023
Competitive Behavior	EM-MD-520a.1	Total amount of monetary losses as a result of legal proceedings associated with federal pipeline and storage regulations	Reporting currency	\$0	\$0	\$0
Operational Safety, Emergency Preparedness & Response	EM-MD-540a.1	Number of reportable pipeline incidents	Number	0	0	0
		Percentage of significant reportable pipeline incidents	Percentage (%)	0%	0%	0%
	EM-MD-540a.2	Percentage of natural gas pipelines inspected	Percentage (%)	0%	0%	0%
		Percentage of hazardous liquid pipelines inspected		n/a	n/a	n/a
	EM-MD-540a.3	Number of accident releases from rail transportation	Number	n/a	n/a	n/a
		Number of nonaccident releases (NARs) from rail transportation		n/a	n/a	n/a
	EM-MD-540a.4	Discussion of management systems used to integrate a culture of safety and emergency preparedness throughout the value chain and throughout project lifecycles	n/a	Please see this item on Pages <a href="#">37</a> and <a href="#">38</a> of NJR's Corporate Sustainability Report.		
Activity Metrics	EM-MD-000.A	Total metric ton-kilometers of natural gas products transported, by mode of transport	Metric ton (t) kilometers	10,027	9,725	7,858
		Total metric ton-kilometers of crude oil products transported, by mode of transport		n/a	n/a	n/a
		Total metric ton-kilometers of refined petroleum products transported, by mode of transport		n/a	n/a	n/a



## SASB Qualitative Answers

### EM-MD-110a.2 - Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets

Adelphia and Leaf River do not currently have Scope 1 emissions reduction targets. The company continues to assess the current emissions from these businesses and plans to identify reduction and mitigation strategies for the future.

Operational practices currently in place to mitigate emissions include:

- At Adelphia, replacing continuous bleed pneumatic devices with zero or near-zero bleed alternatives. When possible, 100 percent of the control gas vented from devices with intermittent bleed is captured and placed back into the gas stream.
- Leaf River operates six Caterpillar Lean Burn Engines equipped with oxidation catalysts on all units, which reduces the emissions more than 90 percent on an already efficiently tuned engine.

Our Storage and Transportation business also supports emissions reductions by providing natural gas to customers who are replacing less clean forms of energy, including coal. More information is provided on [page 24](#) of the Fiscal 2023 Corporate Sustainability Report.

### EM-MD-160a.1 - Description of environmental management policies and practices for active operations

Adelphia and Leaf River have complied with all laws, rules and regulations concerning our company and business unit's operations regarding environmental management policies.

Adelphia and Leaf River have worked expeditiously and transparently with all stakeholders, including, but not limited to, regulatory agencies, emergency responders, public officials, landowners, schools and farmers to ensure that all regulatory requirements and concerns are addressed in a timely manner and full compliance with all environmental regulatory requirements and policies.

### EM-MD-160a.2 - Percentage of land owned, leased, and/or operated within areas of protected conservation status or endangered species habitat

An environmental report prepared for the South Zone of Adelphia Gateway, which runs from the area of Marcus Hook to Western Bucks County in Pennsylvania, listed the potential impacts to endangered species. Below is a determination of endangered species potentially occurring in the project area.

Species	Effect Determination
<i>Reptiles</i>	
Bog turtle	Not likely to adversely affect. Adelphia will employ a US Fish and Wildlife Service Recognized Qualified Bog Turtle Surveyor during excavation activities to monitor for the bog turtle and implement protective measures as needed.
<i>Mammals</i>	
Indiana bat	Not likely to adversely affect. The Indiana bat is not anticipated to occur within forested areas that would be crossed by the project.
<i>Birds</i>	
Peregrine falcon	No significant impact.
<i>Plants</i>	
Small whorled pogonia	No effect.