

## GRI Standards

### GRI 101: Foundation

### GRI 102: General Disclosures

Disclosure	Description	Reference/Section	Omission
102-1	Name of the organization	NRG Energy, Inc.	
102-2	Primary brands, products, and services	<a href="#">2017 NRG Annual Report</a>	
102-3	Location of organization's headquarters	Princeton, New Jersey, United States	
102-4	Number and name of countries where the organization operates	United States, Australia, Turkey	
102-5	Nature of ownership and legal form	<a href="#">2017 NRG Annual Report</a>	
102-6	Nature of markets served (including geographic breakdown, sectors served, and types of beneficiaries)	<a href="#">2017 NRG Annual Report</a>	
102-7	Scale of the reporting organization (employees, operations, net sales, capitalization, quantity of products/services)	<a href="#">2017 NRG Annual Report</a>	
102-8	Total workforce by employment type, employment contract, and region, broken down by gender	NRG 2017 Sustainability Report, Sustainable Workplace	
102-9	Describe supply chain	NRG 2015 Sustainability Report, Sustainable Suppliers	
102-10	Significant changes from previous report regarding size, structure, and ownership	<a href="#">2017 NRG Annual Report</a>	
102-11	Explanation of whether and how the precautionary approach or principle is addressed by the organization	<a href="#">2017 NRG Annual Report</a>	
102-12	External charters, principles, initiatives	<a href="#">2017 NRG Annual Report</a>	
102-13	Memberships in associations	NRG 2017 Sustainability Report, Stakeholder Engagement	
102-14	Statement from senior management	NRG 2017 Sustainability Report, CEO Letter	
102-15	Description of key impacts, risks, and opportunities.	<a href="#">2017 NRG Annual Report</a>	
102-16	Values, principles, standards and norms of behavior	NRG Energy <a href="#">Code of Conduct</a>	
102-17	Mechanisms for seeking advice on ethical and lawful behavior	NRG Energy <a href="#">Code of Conduct</a>	
102-18	Governance structure	<a href="#">Corporate Governance</a>	
102-19	Delegating authority	<a href="#">Corporate Governance</a>	

Disclosure	Description	Reference/Section	Omission
102-20	Executive-level responsibility for economic, environmental and social topics	Corporate Governance	
102-22	Composition of the highest governance body and its committees	Corporate Governance Board Composition	
102-23	Chair of the highest governance body	Corporate Governance Board Composition	
102-24	Nomination and selection processes for the highest governance body	Governance & Nominating Committee	
102-25	Processes for the highest governance body to ensure conflicts of interest are avoided and managed	Governance & Nominating Committee	
102-26	Roles of highest governance body in setting purpose, value or mission statements, strategies, policies, and goals	2017 NRG Sustainability Report, Governance	
102-40	List of stakeholder groups engaged by the organization	2017 NRG Sustainability Report, Stakeholder Engagement	
102-41	Percentage of employees covered by collective bargaining agreements	2017 NRG Annual Report	
102-42	Identifying and selecting stakeholders	2017 NRG Sustainability Report, Stakeholder Engagement	
102-43	Approaches to stakeholder engagement	2017 NRG Sustainability Report, Stakeholder Engagement	
102-44	Key topics and concerns raised	2017 NRG Sustainability Report	
102-45	Entities included in financial statements	2017 NRG Sustainability Report, Reporting	
102-46	Process for defining report content and aspect boundaries	2017 NRG Sustainability Report, Reporting	
102-47	List of material topics	2017 NRG Sustainability Report, Reporting	
102-48	Re-statements of information	2017 NRG Sustainability Report, Reporting	
102-49	Significant changes in reporting	2017 NRG Sustainability Report, Reporting	
102-50	Reporting Period	Jan. 1, 2017, to Dec. 31, 2017	
102-51	Date of most recent previous report	May 2017	
102-52	Reporting Cycle	Annual	
102-53	Contact information	Sustainability@nrg.com	
102-54	"In accordance" option	2017 NRG Sustainability Report, Reporting	
102-55	GRI Content Index	GRI Context Index	
102-56	External assurance	2017 NRG Sustainability Report, Third-party verification	

## Key topics

### GRI 201: Economic Performance

Disclosure	Description	Reference/Section	Omission
103-1	Explanation of material topic and boundary	<a href="#">2017 NRG Annual Report</a>	
103-2	The management approach and its components	<a href="#">2017 NRG Annual Report</a>	
103-3	Evaluation of the management approach	<a href="#">2017 NRG Annual Report</a>	
201-1	Direct economic value generated and distributed	<a href="#">2017 NRG Annual Report</a>	
201-2	Financial implications and other risks and opportunities for the organization's activities due to climate change	<a href="#">2017 NRG Annual Report</a> 2017 Sustainability Report, Reporting, Carbon risk, GHG emissions, Climate Change Principles	
201-3	Coverage of the organization's defined benefit plan obligations		NRG believes this to be proprietary information and does not disclose at this time.

### GRI 204: Procurement Practices

Disclosure	Description	Reference/Section	Omission
103-1	Explanation of material topic and boundary	2017 NRG Sustainability Report, Sustainable Suppliers	
103-2	The management approach and its components	2017 NRG Sustainability Report, Sustainable Suppliers	
103-3	Evaluation of the management approach	2017 NRG Sustainability Report, Sustainable Suppliers	
204-1	Proportion of spending on local suppliers		We do not report on local spend at this time.

### GRI 302: ENERGY

Disclosure	Description	Reference/Section	Omission
103-1	Explanation of material topic and boundary	2017 NRG Sustainability Report	
103-2	The management approach and its components	2017 NRG Sustainability Report	
103-3	Evaluation of the management approach	2017 NRG Sustainability Report	
302-1	Energy consumption within the organization	See NRG's CDP Climate Change Survey response 2017	
302-2	Energy consumption outside of the organization	See NRG's CDP Climate Change Survey response 2017	
302-3	Energy intensity	See NRG's CDP Climate Change Survey response 2017	
302-4	Energy saved due to conservation and efficiency improvements	See NRG's CDP Climate Change Survey response 2017	
302-5	Reductions in energy requirements of products and services	See NRG's CDP Climate Change Survey response 2017	

## GRI 303: WATER

Disclosure	Description	Reference/Section	Omission
103-1	Explanation of material topic and boundary	2017 NRG Sustainability Report, Sustainable Operations	
103-2	The management approach and its components	2017 NRG Sustainability Report, Sustainable Operations	
103-3	Evaluation of the management approach	2017 NRG Sustainability Report, Sustainable Operations	
303-1	Total water withdrawal by source.	2017 NRG Sustainability Report, Sustainable Operations	
303-2	Water sources significantly affected by withdrawal of water (additional)	2017 NRG Sustainability Report, Sustainable Operations	
303-3	Percentage and total volume of water recycled and reused	2017 NRG Sustainability Report, Sustainable Operations	

## GRI 304: BIODIVERSITY

Disclosure	Description	Reference/Section	Omission
103-1	Explanation of material topic and boundary	2017 NRG Sustainability Report, Sustainable Operations	
103-2	The management approach and its components	2017 NRG Sustainability Report, Sustainable Operations	
103-3	Evaluation of the management approach	2017 NRG Sustainability Report, Sustainable Operations	
304-1	Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	2017 NRG Sustainability Report, Sustainable Operations	
304-2	Description of significant impacts of activities, products, and services on biodiversity	2017 NRG Sustainability Report, Sustainable Operations	
304-3	Habitats protected or restored	2017 NRG Sustainability Report, Sustainable Operations	
304-4	Number of IUCN Red List species and national conservation list species with habitats in areas affected by operations, by level of extinction risk	2017 NRG Sustainability Report, Sustainable Operations	

## GRI 305: EMISSIONS

Disclosure	Description	Reference/Section	Omission
103-1	Explanation of material topic and boundary	2017 NRG Sustainability Report, Sustainable Operations	
103-2	The management approach and its components	2017 NRG Sustainability Report, Sustainable Operations	
103-3	Evaluation of the management approach	2017 NRG Sustainability Report, Sustainable Operations	
305-1	Direct greenhouse gas (GHG) emissions (Scope 1)	2017 NRG Sustainability Report, Sustainable Operations	
305-2	Energy indirect greenhouse gas (GHG) emissions (Scope 2)	2017 NRG Sustainability Report, Sustainable Operations	
305-3	Other indirect greenhouse gas (GHG) emissions (Scope 3)	2017 NRG Sustainability Report, Sustainable Operations	

Disclosure	Description	Reference/Section	Omission
305-4	Greenhouse gas (GHG) emissions intensity	2017 NRG Sustainability Report, Sustainable Operations	
305-5	Reduction of greenhouse gas (GHG) emissions	2017 NRG Sustainability Report, Sustainable Operations	
305-6	Emissions of ozone-depleting substances (ODS)	2017 NRG Sustainability Report, Sustainable Operations	
305-7	NOx, SOx, and other significant air emission	2017 NRG Sustainability Report, Sustainable Operations	

## GRI 306: EFFLUENTS AND WASTE

Disclosure	Description	Reference/Section	Omission
103-1	Explanation of material topic and boundary	2017 NRG Sustainability Report, Sustainable Operations	
103-2	The management approach and its components	2017 NRG Sustainability Report, Sustainable Operations	
103-3	Evaluation of the management approach	2017 NRG Sustainability Report, Sustainable Operations	
306-1	Total water discharge by quality and destination	2017 NRG Sustainability Report, Sustainable Operations	
306-2	Total weight of waste by type and disposal method	2017 NRG Sustainability Report, Sustainable Operations	
306-3	Total number and volume of significant spills	2017 NRG Sustainability Report, Sustainable Operations	
306-4	Transport of hazardous waste	2017 NRG Sustainability Report, Sustainable Operations	
306-5	Identity, size, protected status, and biodiversity value of water bodies and related habitats significantly affected by the reporting organization's discharges of water and runoff	2017 NRG Sustainability Report, Sustainable Operations	

## GRI 307: ENVIRONMENTAL COMPLIANCE

Disclosure	Description	Reference/Section	Omission
103-1	Explanation of material topic and boundary	2017 NRG Sustainability Report, Sustainable Operations	
103-2	The management approach and its components	2017 NRG Sustainability Report, Sustainable Operations	
103-3	Evaluation of the management approach	2017 NRG Sustainability Report, Sustainable Operations	
307-1	Non-compliance with environmental laws and regulations	2017 NRG Sustainability Report, Sustainable Operations	

## GRI 308: SUPPLIER ENVIRONMENTAL ASSESSMENT

Disclosure	Description	Reference/Section	Omission
103-1	Explanation of material topic and boundary	2017 NRG Sustainability Report, Sustainable Suppliers	
103-2	The management approach and its components	2017 NRG Sustainability Report, Sustainable Suppliers	
103-3	Evaluation of the management approach	2017 NRG Sustainability Report, Sustainable Suppliers	
308-1	New suppliers that were screened using the environmental criteria	2017 NRG Sustainability Report, Sustainable Suppliers	
308-2	Negative environmental impacts in the supply chain and actions taken	2017 NRG Sustainability Report, Sustainable Suppliers	

## GRI 403: OCCUPATIONAL HEALTH AND SAFETY

Disclosure	Description	Reference/Section	Omission
103-1	Explanation of material topic and boundary	2017 NRG Sustainability Report, Sustainable Workplace	
103-2	The management approach and its components	2017 NRG Sustainability Report, Sustainable Workplace	
103-3	Evaluation of the management approach	2017 NRG Sustainability Report, Sustainable Workplace	
403-1	Workers represented in formal joint management-worker health and safety committees	2017 NRG Sustainability Report, Sustainable Workplace	
403-2	Type of injury and rates of injury, occupational diseases, lost days, and absenteeism, and total number of work related fatalities	2017 NRG Sustainability Report, Sustainable Workplace	

## GRI 405: DIVERSITY AND EQUAL OPPORTUNITY

Disclosure	Description	Reference/Section	Omission
103-1	Explanation of material topic and boundary	2017 NRG Sustainability Report, Sustainable Workplace	
103-2	The management approach and its components	2017 NRG Sustainability Report, Sustainable Workplace	
103-3	Evaluation of the management approach	2017 NRG Sustainability Report, Sustainable Workplace	
405-1	Diversity of governance bodies and employees	2017 NRG Sustainability Report, Sustainable Workplace	

## GENERAL STANDARD DISCLOSURES FOR THE ELECTRIC UTILITY SECTOR

Disclosure	Description	Reference/Section
<b>EU1</b>	Installed capacity, broken down by primary energy source and by regulatory regime.	<a href="#">2017 NRG Annual Report</a>
<b>EU2</b>	Net energy output broken down by primary energy source and by regulatory regime.	<a href="#">2017 NRG Annual Report</a>
<b>EU3</b>	Number of residential, industrial, institutional and commercial customer accounts.	<a href="#">2017 NRG Annual Report</a>
<b>EU4</b>	Length of above and underground transmission and distribution	Not applicable. NRG does not operate any transmission or distribution lines.
<b>EU5</b>	Allocation of CO2e emissions allowances or equivalent, broken down by carbon trading framework.	<a href="#">2017 NRG Annual Report</a>
<b>EU6</b>	Management approach to ensure short and long-term electricity availability and reliability.	<a href="#">2017 NRG Annual Report</a>
<b>EU7</b>	Demand-side management programs including residential, commercial, institutional and industrial programs.	<a href="#">2017 NRG Annual Report</a>
<b>EU8</b>	Research and development activity and expenditure aimed at providing reliable electricity and promoting sustainable development.	<a href="#">2017 NRG Annual Report</a>
<b>EU9</b>	Plant Decommissioning - Provisions for decommissioning of nuclear power sites	<a href="#">2017 NRG Annual Report</a>
<b>EU10</b>	Planned capacity against projected electricity demand over the long term, broken down by energy source and regulatory regime	N/A. NRG is an independent power producer, not a regulated utility.
<b>EU11</b>	Average generation efficiency of thermal plants by energy source and by regulatory regime	<a href="#">2017 NRG Annual Report</a>
<b>EU12</b>	Net energy output broken down by primary energy source and by regulatory regime.	NRG 2017 Sustainability Report, Stakeholder Engagement
<b>EU13</b>	Biodiversity of offset habitats compared to the biodiversity of the affected areas	NRG 2017 Sustainability Report, CEO Letter
<b>EU19</b>	Stakeholder participation in the decision making process related to energy planning and infrastructure	<a href="#">2017 NRG Annual Report</a>
<b>EU21</b>	Contingency planning measures, disaster/emergency management plan and training programs, and recovery/restoration plans.	<a href="#">2017 NRG Annual Report</a>
<b>EU28</b>	Power outage frequency	N/A. NRG is an independent power producer, not a regulated utility.
<b>EU29</b>	Average power outage duration	N/A. NRG is an independent power producer, not a regulated utility.
<b>EU30</b>	Average plant availability factor by energy source and by regulatory regime	<a href="#">2017 NRG Annual Report</a>