2017 - GRI CONTENT INDEX

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	2017 NRG Annual Report	
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	2017 NRG Annual Report	
102-6	Nature of markets served (including geographic breakdown, sectors served, and types of beneficiaries)	2017 NRG Annual Report	
102-7	Scale of the reporting organization (employees, operations, net sales, capitalization, quantity of products/services)	2017 NRG Annual Report	
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	2017 NRG Annual Report	
102-11	Explanation of whether and how the precautionary approach or principle is addressed by the organization	2017 NRG Annual Report	
102-12	External charters, principles, initiatives	2017 NRG Annual Report	
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.	2017 NRG Annual Report	
102-16	Values, principles, standards and norms of behavior	NRG Energy Code of Conduct	
102-17	Mechanisms for seeking advice on ethical and lawful behavior	NRG Energy Code of Conduct	
102-18	Governance structure	Corporate Governance	
102-19	Delegating authority	Corporate Governance	

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	2017 NRG Annual Report	
103-2	The management approach and its components	2017 NRG Annual Report	
103-3	Evaluation of the management approach	2017 NRG Annual Report	
201-1	Direct economic value generated and distributed	2017 NRG Annual Report	
201-2	Financial implications and other risks and opportunities for the organization's activities due to climate change	2017 NRG Annual Report 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
EU1	Installed capacity, broken down by primary energy source and by regulatory regime.	2017 NRG Annual Report
EU2	Net energy output broken down by primary energy source and by regulatory regime.	2017 NRG Annual Report
EU3	Number of residential, industrial, institutional and commercial customer accounts.	2017 NRG Annual Report
EU4	Length of above and underground transmission and distribution	Not applicable. NRG does not operate any transmission or distribution lines.
EU5	Allocation of CO2e emissions allowances or equivalent, broken down by carbon trading framework.	2017 NRG Annual Report
EU6	Management approach to ensure short and long-term electricity availability and reliability.	2017 NRG Annual Report
EU7	Demand-side management programs including residential, commercial, institutional and industrial programs.	2017 NRG Annual Report
EU8	Research and development activity and expenditure aimed at providing reliable electricity and promoting sustainable development.	2017 NRG Annual Report
EU9	Plant Decommissioning - Provisions for decommissioning of nuclear power sites	2017 NRG Annual Report
EU10	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.
EU11	Average generation efficiency of thermal plants by energy source and by regulatory regime	2017 NRG Annual Report
EU12	Net energy output broken down by primary energy source and by regulatory regime.	NRG 2017 Sustainability Report, Stakeholder Engagement
EU13	Biodiversity of offset habitats compared to the biodiversity of the affected areas	NRG 2017 Sustainability Report, CEO Letter
EU19	Stakeholder participation in the decision making process related to energy planning and infrastructure	2017 NRG Annual Report
EU21	Contingency planning measures, disaster/emergency management plan and training programs, and recovery/restoration plans.	2017 NRG Annual Report
EU28	Power outage frequency	N/A. NRG is an independent power producer, not a regulated utility.
EU29	Average power outage duration	N/A. NRG is an independent power producer, not a regulated utility.
EU30	Average plant availability factor by energy source and by regulatory regime	2017 NRG Annual Report