2018 – 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	Activities, brands, products, and services	2018 NRG Annual Report	
102-3	Location of headquarters	Princeton, New Jersey, United States	
102-4	Location of operations	2018 NRG Annual Report	
102-5	Ownership and legal form	2018 NRG Annual Report	
102-6	Markets served	2018 NRG Annual Report	
102-7	Scale of the organization	2018 NRG Annual Report	
102-8	Information on employees and other workers	2018 NRG Annual Report	
102-9	Supply chain	2018 NRG Sustainability Report – Commitments to a Sustainable Future, Sustainable Suppliers	
102-10	Significant changes to the organization and its supply chain	2018 NRG Annual Report	
102-11	Precautionary Principle or approach	2018 NRG Annual Report	
102-12	External initiatives	2018 NRG Annual Report	
102-13	Membership of associations	2018 NRG Sustainability Report – Commitment to a Sustainable Energy Future, Governance	
102-14	Statement from senior decision-maker	2018 NRG Sustainability Report – Executive Summary	
102-15	Key impacts, risks, and opportunities	2018 NRG Annual Report	
102-16	Values, principles, standards, and norms of behavior	NRG Energy Code of Conduct	
102-17	Mechanisms for advice and concerns about ethics	NRG Energy Code of Conduct	
102-18	Governance structure	Corporate Governance	
102-19	Delegating authority	Corporate Governance	
102-20	Executive-level responsibility for economic, environmental, and social topics	Corporate Governance	
102-21	Consulting stakeholders on economic, environmental, and social topics	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Governance	

GRI 102: General Disclosures (continued)

Disclosure	Description	Reference/Section	Omission
102-22	Composition of the highest governance body and its committees	Board of Directors	
102-23	Chair of the highest governance body	Board of Directors	
102-24	Nominating and selecting the highest governance body	Governance & Nominating Committee	
102-25	Conflict of interest	Governance & Nominating Committee	
102-26	Role of highest governance body in setting purpose, values, and strategy	2019 Proxy Statement	
102-29	Identifying and managing economic, environmental, and social impacts	2018 NRG Annual Report	
102-40	List of stakeholder groups	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Governance	
102-41	Collective bargaining agreements	2018 NRG Annual Report	
102-42	Identifying and selecting stakeholders	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Governance	
102-43	Approach to stakeholder engagement	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Governance	
102-44	Key topics and concerns raised	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Governance	
102-45	Entities included in the consolidated financial statements	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Governance	
102-46	Defining report content and topic boundaries	2018 NRG Sustainability Report – Appendix, Our approach to sustainability reporting	
102-47	List of material topics	2018 NRG Sustainability Report – Appendix, Key material issues	
102-48	Restatements of information	2018 NRG Sustainability Report – Appendix, Safe Harbor	
102-49	Changes in reporting	2018 NRG Sustainability Report – Appendix, Our approach to sustainability reporting	
102-50	Reporting Period	Jan. 1, 2018, to Dec. 31, 2018	
102-51	Date of most recent report	April, 2018	
102-52	Reporting Cycle	Annual	
102-53	Contact point for questions regarding the report	Sustainability@nrg.com	
102-54	Claims of reporting in accordance with the GRI Standards	2018 NRG Sustainability Report – Appendix, Our approach to sustainability reporting	
102-55	GRI Content Index	GRI Context Index	
102-56	External assurance	2018 NRG Sustainability Report – Executive Summary	

Key topics

GRI 201: Economic Performance

Disclosure	Description	Reference/Section	Omission
103-1	Explanation of material topic and boundary	2018 NRG Annual Report	
103-2	The management approach and its components	2018 NRG Annual Report	
103-3	Evaluation of the management approach	2018 NRG Annual Report	
201-1	Direct economic value generated and distributed	2018 NRG Annual Report	
201-2	Financial implications and other risks and opportunities due to climate change	2018 NRG Annual Report	
201-3	Defined benefit plan obligations and other retirement plans		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 the material topic and its boundary	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Sustainable Suppliers	
103-2	The management approach and its components	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Sustainable Suppliers	
103-3	Evaluation of the management approach	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Sustainable Suppliers	
204-1	Proportion of spending on local suppliers		We do not report on local spend currently

GRI 302: Energy

Disclosure	Description	Reference/Section	Omission
103-1	Explanation of material topic and boundary	2018 NRG Sustainability Report – Commitment to a Sustainable Energy Future, Purposeful Generation	
103-2	The management approach and its components	2018 NRG Sustainability Report – Commitment to a Sustainable Energy Future, Purposeful Generation	
103-3	Evaluation of the management approach	2018 NRG Sustainability Report – Commitment to a Sustainable Energy Future, Purposeful Generation	
302-1	Energy consumption within the organization	See NRG's CDP Climate Change Survey response 2018	
302-2	Energy consumption outside of the organization	See NRG's CDP Climate Change Survey response 2018	

GRI 302: Energy (continued)

Disclosure	Description	Reference/Section	Omission
302-3	Energy intensity	See NRG's CDP Climate Change Survey response 2018	
302-4	Reduction of energy consumption	See NRG's CDP Climate Change Survey response 2018	
302-5	Reductions in energy requirements of products and services	See NRG's CDP Climate Change Survey response 2018	

GRI 303: Water and Effluents

Disclosure	Description	Reference/Section	Omission
103-1	Explanation of the material topic and its boundary	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Environmental Performance	
103-2	The management approach and its components	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Environmental Performance	
103-3	Evaluation of the management approach	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Environmental Performance	
303-1	Total water withdrawal by source.	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Environmental Performance	
303-2	Water sources significantly affected by withdrawal of water (additional)	See NRG's CDP Water response 2018	
303-3	Percentage and total volume of water recycled and reused	See NRG's CDP Water response 2018	

GRI 305: Emissions

Disclosure	Description	Reference/Section	Omission
103-1	Explanation of the material topic and its boundary	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Environmental Performance	
103-2	The management approach and its components	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Environmental Performance	
103-3	Evaluation of the management approach	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Environmental Performance	
305-1	Direct (Scope 1) GHG emissions	Third-party verification: Statement of assurance	
305-2	Energy indirect (Scope 2) GHG emissions	Third-party verification: Statement of assurance	
305-3	Other indirect (Scope 3) GHG emissions	Third-party verification: Statement of assurance	
305-4	GHG emissions intensity	2018 NRG Sustainability Report – Executive Summary	
305-5	Reduction of GHG emissions	2018 NRG Sustainability Report – Executive Summary	

GRI 305: Emissions (continued)

Disclosure	Description	Reference/Section	Omission
305-6	Emissions of ozone-depleting substances (ODS)	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Environmental Performance	
305-7	Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Environmental Performance	

GRI 306: Effluents and Waste

Disclosure	Description	Reference/Section	Omission
103-1	Explanation of the material topic and its boundary	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Environmental Performance	
103-2	The management approach and its components	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Environmental Performance	
103-3	Evaluation of the management approach	See NRG's 2018 CDP Water Response	
306-1	Total water discharge by quality and destination	See NRG's 2018 CDP Water Response	
306-2	Waste by type and disposal method	See NRG's 2018 CDP Water Response	
306-3	Significant spills	See NRG's 2018 CDP Water Response	
306-5	Water bodies affected by water discharges and/or runoff	See NRG's 2018 CDP Water Response	

GRI 307: Environmental Compliance

Disclosure	Description	Reference/Section	Omission
103-1	Explanation of the material topic and its boundary	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Environmental Performance	
103-2	The management approach and its components	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Environmental Performance	
103-3	Evaluation of the management approach	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Environmental Performance	
307-1	Non-compliance with environmental laws and regulations	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Environmental Performance	

GRI 308: Supplier Environmental Assessment

Disclosure	Description	Reference/Section	Omission
103-1	Explanation of the material topic and its boundary	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Sustainable Suppliers	
103-2	The management approach and its components	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Sustainable Suppliers	
103-3	Evaluation of the management approach	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Sustainable Suppliers	
308-1	New suppliers that were screened using the environmental criteria	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Sustainable Suppliers	
308-2	Negative environmental impacts in the supply chain and actions taken	2018 NRG Sustainability Report – Commitments to a Sustainable Energy Future, Sustainable Suppliers	

GRI 403: Occupational Health and Safety

Disclosure	Description	Reference/Section	Omission
103-1	Explanation of the material topic and its boundary	2018 NRG Sustainability Report – Values for a Sustainable Energy Future, Safety	
103-2	The management approach and its components	2018 NRG Sustainability Report – Values for a Sustainable Energy Future, Safety	
103-3	Evaluation of the management approach	2018 NRG Sustainability Report – Values for a Sustainable Energy Future, Safety	
403-1	Workers represented in formal joint management–worker health and safety committees	2018 NRG Sustainability Report – Values for a Sustainable Energy Future, Safety	
403-2	Type of injury and rates of injury, occupational diseases, lost days, and absenteeism, and total number of work-related fatalities	2018 NRG Sustainability Report – Values for a Sustainable Energy Future, Safety	
403-5	Worker training on occupational health & safety	2018 NRG Sustainability Report – Values for a Sustainable Energy Future, Safety	

GRI 405: Diversity and Equal Opportunity

Disclosure	Description	Reference/Section	Omission
103-1	Explanation of the material topic and its boundary	2018 NRG Sustainability Report – Values for a Sustainable Energy Future, Diversity and Inclusion	
103-2	The management approach and its components	2018 NRG Sustainability Report – Values for a Sustainable Energy Future, Diversity and Inclusion	
103-3	Evaluation of the management approach	2018 NRG Sustainability Report – Values for a Sustainable Energy Future, Diversity and Inclusion	
405-1	Diversity of governance bodies and employees	2019 Proxy Statement & 2018 NRG Sustainability Report – Values for a Sustainable Energy Future, Diversity and Inclusion	

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.	2018 NRG Annual Report
EU2	Net energy output broken down by primary energy source and by regulatory regime.	2018 NRG Annual Report
EU3	Number of residential, industrial, institutional and commercial customer accounts.	2018 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.	2018 NRG Annual Report
EU6	Management approach to ensure short and long-term electricity availability and reliability.	2018 NRG Annual Report
EU7	Demand-side management programs including residential, commercial, institutional and industrial programs.	2018 NRG Annual Report
EU8	Research and development activity and expenditure aimed at providing reliable electricity and promoting sustainable development.	2018 NRG Annual Report
EU11	Average generation efficiency of thermal plants by energy source and by regulatory regime	2018 NRG Annual Report
EU16	Policies and requirements regarding health and safety of employees and employees of contractors and subcontractors.	2018 NRG Sustainability Report, Values for a Sustainable Energy Future, Safety
EU18	Percentage of contractor and subcontractors' employees that have undergone relevant health and safety training	2018 NRG Sustainability Report, Values for a Sustainable Energy Future, Safety
EU19	Stakeholder participation in the decision making process related to energy planning and infrastructure	2018 NRG Annual Report
EU21	Contingency planning measures, disaster/emergency management plan and training programs, and recovery/restoration plans.	2018 NRG Annual Report
EU30	Average plant availability factor by energy source and by regulatory regime	2018 NRG Annual Report