

Laureates of The Global Energy Prize 2003-2017

	<i>name</i>	<i>country</i>	<i>nomination</i>
2003			
1	Nick Holonyak	USA	for the invention of the first semiconducting LED in the visible area of the spectrum and to the development of power silicon electronics
2	Gennady Mesyats	Russia	for fundamental research and development in the area of powerful pulse energy;
3	Ian Douglas Smith	USA	for fundamental research and development in the area of powerful pulse energy;
2004			
4	Fyodor Mitenkov	Russia	for the physical and technical basis and development of fast neutron reactors;
5	Leonard J. Koch	USA	for the physical and technical basis and development of fast neutron reactors;
6	Alexander Sheindlin	Russia	for fundamental research of thermo-physical properties of substances at extremely high temperatures for the energy sector.
2005			
7	Zhores Alferov	Russia	for fundamental research and a considerable practical contribution to creation of semiconductor energy converters used in solar and electric energy industry
8	Klaus Riedle	Germany	for development and creation of powerful high-temperature gas turbines for steam and gas power plants
2006			
9	Evgeniy Velikhov	Russia	for development of scientific and engineering foundation for building of the international thermonuclear reactor
10	Masaji Yoshikawa	Japan	for his scientific contribution to ITER project
11	Robert Aymar	France	for development of scientific and engineering foundation for building of the international thermonuclear reactor
2007			
12	Thorsteinn Ingi Sigfusson	Iceland	for the project «Research and development to implement hydrogen energy generation in Iceland»
13	Geoffrey Hewitt	United Kingdom	for the idea of fuel generation on the basis of water power
14	Vladimir Nakoryakov	Russia	for the project «Physicotechnical Bases of Power Technologies — Hydrodynamics and Heat Exchange, Non-Stationary and Wave Processes in Multiphase Media»
2008			
15	Eduard Volkov	Russia	for creation and implementation of synthetic oil production technologies to fulfill the part of

			world demand for energy resources
16	Clement Bowman	Canada	for theoretical foundation, creation and introduction into service of efficient technologies of synthetic fuels out of bituminous shale and oil sands
17	Oleg Favorsky	Russia	for researches in the field of Applied Gas dynamics, development and creation of gas turbine engines, equipment for decentralized electro power and highly effective gas pumping stations
2009			
18	Alexey Kontorovich	Russia	researches on the implementation of new methods of surveying, prospecting and exploiting of hydrocarbon-bearing deposits
19	Nikolai Laverov	Russia	for the fundamental research and large-scale implementation of the methods of surveying, prospecting and exploiting of oil, gas and uranium deposits, rationale and discovering of the largest provinces of energy minerals
20	Brian Spalding	United Kingdom	for numerous original concepts of heat-and-mass transfer processes, which formed the basis of practical calculations in fluid mechanics and computational fluid mechanics
2010			
21	Boris Paton	Ukraine	for his contribution to solving scientific and technical problems involved in pipeline transportation of energy resources and energy machine building
22	Alexander Leontiev	Russia	for fundamental research in the area of intensification of heat transfer in power plants
2011			
23	Philipp Rutberg	Russia	for fundamental research and development of energy plasma technologies
24	Arthur Rosenfeld	USA	in recognition of his pioneering energy efficiency work
2012			
25	Valery Kostyuk	Russia	for the development of new processes and equipment for production of gases and cryogenic liquids, and for the development of technologies to use these gases for electricity production and other uses in the power industry
26	Boris Katorgin	Russia	For series of research and development in high-efficiency liquid propellant rocket engines with cryogen fuel to enable reliable functioning of aerospace system with increased power parameters for peaceful use of Outer Space
27	Rodney John Allam	United Kingdom	for the development of new processes and equipment for production of gases and cryogenic liquids, and for the development of technologies to use these

			gases for electricity production and other uses in the power industry
2013			
28	Akira Yoshino	Japan	for research into and creation of lithium-ion batteries for computer and communication devices, electric and hybrid cars
29	Vladimir Fortov	Russia	for Research into thermophysical properties and powerful impulse energy devices that are used as a basis for the creation of impulse generators, high-current limiters, lightning stroke simulators for high-voltage lines, and efficient energy conversion devices
2014			
30	Ashot Sarkisov	Russia	for an outstanding contribution to nuclear safety enhancement and nuclear facility decommissioning
31	Lars Gunnar Larsson	Sweden	for an outstanding contribution to nuclear safety enhancement and nuclear facility decommissioning
2015			
32	Jayant Baliga	USA	for invention, development and commercialization of Insulated Gate Bipolar Transistor, which is one of the most important innovations for the control and distribution of energy
33	Shuji Nakamura	USA	for the invention, commercialization and development of energy-efficient white LED lighting technology
2016			
34	Valentin Parmon	Russia	for a breakthrough development of new catalysts in the area of petroleum refining and the renewable sources of energy as a principal contribution into the energy of the future
2017			
35	Michael Graetzel	Switzerland	for transcendent merits in development of low cost and efficient solar cells, known as “Graetzel cells”, aimed to creation of cost-efficient, large-scale engineering solutions for power generation.