

Research RES LEGAL – Support system

Country: Bulgaria

1. Overview of support system

Overview of support system	In Bulgaria, electricity from renewable sources is mainly promoted through a feed-in tariff. Producers of electricity from renewable sources are contractually entitled against the grid operator to the purchase and payment of electricity at a guaranteed price. The feed-in tariff may not be received on top of other incentives.
Support schemes	Feed-in tariff. The Renewable and Alternative Energy Sources and Biofuels Act (RESBA) is the statutory basis for the feed-in tariff, which is the main element of the Bulgarian support system. The RESBA also establishes an obligation to purchase and dispatch electricity from renewable sources.
Promoted technologies	In general, all renewable energy generation technologies are eligible for the tariff. However, some inefficient system types are ineligible for support.
Statutory provisions	<ul style="list-style-type: none">• RESBA (Zakon za vazobnoviaemite i alternativni energiini iztochnici i biogorivata – Renewable and Alternative Energy Sources and Biofuels Act)• Energy Act (Zakon za energetikata)• VE (Naredba za regulirane na cenite na elektricheskata energija – Ordinance on the Pricing of Electric Power)• Resolution No. C-18 (Reshenie Darzhavnata Komisija za Energijno i Vodno Regulirane – Price decision by the Bulgarian regulatory authority)

2. Basic information on legal sources

Name of legal source (original language)	Zakon za v. i a. energijni iztochnici i biogorivata	Zakon za energetikata	Naredba za regulirane na cenite na elektricheskata energia
Full name	Zakon za vazobnovjaemite i alternativnite energijni iztochnici i biogorivata		
Name of legal source (English)	Renewable and Alternative Energy Sources and Biofuels Act	Energy Act	Ordinance on the Pricing of Electric Power
Abbreviated form	RESBA	Energy Act	VE
Entry into force	19.06.2007	09.12.2003	02.03.2004
Last amended on	03.05.2011	21.06.2011	31.07.2007
Future amendments			
Purpose	The Act promotes the development and increased use of renewable energy, and regulates the introduction of environmentally sound energy technologies and their access to the grid.	The Act regulates the connection of systems to the grid, the generation and transmission of electricity, and the pricing of these services in Bulgaria. Furthermore, the Act stipulates provisions for the regulatory authority for energy.	The Ordinance prescribes the methods to be used to regulate the pricing of energy and establishes standard procedures for the calculation of prices and for requests for information on fees.
Relevance for renewable energy	This Act regulates access of electricity from renewable sources to the grid and establishes a price regulation scheme to promote electricity from renewable sources.	This Act regulates access of electricity from renewable sources to the grid and contains provisions for the support of electricity from renewable sources.	This Ordinance authorises regulatory authority DKER to regulate the prices for electricity from renewable sources exported to the grid.
Link to full text of legal source (original language)	http://parliament.bg/bills/41/102-01-9.pdf	http://lex.bg/laws/ldoc/2135475623	http://www.dker.bg/files/DOWNLOAD/ordinance_electro.pdf
Link to full text of legal source (English)	http://www.mee.government.bg/iko/ersa.pdf	http://www.mi.government.bg/eng/norm/rdocs/mdoc.html?id=187497 Please note: The English translation does not provide information on the latest amendment of the Act.	

Basic information on legal sources

Name of legal source (original language)	Reshenie No. C-18 ot 20.06.2011 g.		
Full name	Reshenie No. C-18 ot 20.06.2011 g. Darzhavnata Komisija za Energijno i Vodno Regulirane		
Name of legal source (English)	Resolution No. C-18 of the national regulatory authority DKER of 20.06.2011		
Abbreviated form	Resolution No. C-18		
Entry into force	20.06.2011		
Last amended on			
Future amendments	Every year, the regulatory authority for energy adopts a resolution on the electricity prices at the end of June.		
Purpose	The price decision sets the prices for electricity from renewable sources.		
Relevance for renewable energy	The resolution promotes, among other things, renewable energy.		
Link to full text of legal source (original language)	http://www.dker.bg/NPDOCS/res-preftseni-20-06-2011.pdf		
Link to full text of legal source (English)			

3. Further information

Institution (name)	Website	Name of contact person (optional)	Telephone number (head office)	E-mail
DKEWR gelöscht				
Ministerstvo na iekonomikata i energetikata (MIE) – Ministry of Economy and Energy – Department for Environmental Protection and Renewable Energy Sources	http://www.mi.government.bg/eng/gkcontactse/gkcontactse.html	Ms Alexandrina Dimitrova	+359 292 631 43	http://www.mi.government.bg/eng/gfaqe/feedbac
Ministerstvo na zemedelieto i hranite (MZH) – Ministry of Agriculture and Food	http://www.mzh.government.bg/mzh/en/Home.aspx	Ms Veselina Evdokimova	+ 359 298 511 239	vevdokimova@mzh.government.bg
Darzhavna komisija za energijno i wodno regulirane (DKEWR) – State Energy and Water Regulatory Commission	http://www.dker.bg/index_en.htm	Ms Evtimova	+359 293 596 42	dker@dker.bg
Agencijata po energijna efektivnost (AEE) – Energy Efficiency Agency	http://www.seea.government.bg/	Ms Snezhana Todorova	+ 359 291 540 10	office@seea.government.bg
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4.1.Support schemes

4.1.1. Feed-in tariff

Abbreviated form of legal source(s)	<ul style="list-style-type: none"> • RESBA • Energy Act • VE • Resolution No. C-18 	
Country-specific support system	<p>In Bulgaria, renewable energy generation is supported mainly through a feed-in tariff. The feed-in tariff applies to producers of electricity from renewable sources who export their electricity to the public grid. System operators are contractually entitled against the grid operator to the purchase and transmission of all electricity from renewable sources supplied (§ 18 par. 1 item 2 RESBA). The amount of tariff is determined annually by the State Energy and Water Commission (regulatory authority) (art. 32 par. 1 RESBA).</p>	
Promoted technologies	General information	All renewable energy generation technologies are eligible (art. 18 par. 1 item 6 RESBA in connection with § 1 Complementary Provisions RESBA).
	Wind energy	Eligible.
	Solar energy	Eligible.
	Geothermal energy	Eligible.
	Biogas	Eligible.
	Biomass	Eligible.
	Hydro-electricity	Only plants with a capacity of 10 MW or less are eligible.
Amount	General information	<p>The payment specified by the RESBA is a guaranteed payment in terms of minimum payment rates (art. 18 par. 1 item 6 RESBA). The tariffs are set by the regulatory authority on 30 June every year (art. 32 par. 1 RESBA). For detailed information on the tariffs please see Resolution No. C-18.</p> <p>Systems and plants put into operation prior to or on 3 May 2011 are eligible for the tariffs applicable until 3 May. Systems and plants for which a connection agreement was concluded prior to 3 May 2011 will receive the feed-in tariff applicable on the date the system/plant was put into operation.</p>
	Wind energy	<p>New plants with an efficiency of 2,250 earned hours: €ct 9.76 per kWh (BGN 191 per MWh)</p> <p>New plants whose efficiency exceeds 2,250 earned hours: €ct 8.84 per kWh (BGN 173 per MWh)</p> <p>(„new plant“ as defined by items 7 – 9 of Resolution No. C-18)</p> <p>Plants that are not covered by this definition (see Resolution No. C-18, items 7-9): €ct 7.0 per kWh (BGN 137 per MWh)</p>

	Solar energy	<u>Roof-top and facade-integrated systems:</u> <ul style="list-style-type: none"> • up to 30 kWp: €ct 30.91 per kWh (BGN 605 per MWh) • 30 – 200 kWp: € 30.45ct per kWh (BGN 596 per MWh) • 200 – 1,000 kWp: €ct 29.83 per kWh (BGN 584 per MWh) <u>Other systems:</u> <ul style="list-style-type: none"> • up to 30 kWp: €ct 29.42 per kWh (BGN 576 per MWh) • 30 – 200 kWp: €ct 28.96 per kWh (BGN 567 per MWh) • more than 200 kWp: €ct 24.83 per kWh (BGN 486 per MWh)
	Geothermal energy	
	Biogas	According to the type of fuel: €ct 6.08 – 13.44 per kWh (BGN 119 – 263 per MWh)
	Biomass	According to the type of fuel: €– 11.6 – 22.07 per kWh (BGN 227 – 432 per MWh)
	Hydro-electricity	According to the type of fuel and the size of the plant: €ct 5.72 – 11.6 per kWh (BGN 112 – 227 per MWh)
Degression	General information	The tariffs are revised and set by the regulatory authority for energy on 30 June every year. The rule that the feed-in tariffs may not be reduced by more than 5% per year (introduced on 03.05.2011) was abolished by an amendment to the RESBA. In pursuance of the amendment, the feed-in tariff may not be changed during the entire term of the subsidy agreement. The feed-in tariff applicable is the one in force on the date on which the plant/system was put into operation.
	Wind energy	
	Solar energy	
	Geothermal energy	
	Biogas	
	Biomass	
Cap		
Eligibility period	The period of the obligation to purchase and dispatch electricity depends on the subsidy agreement between the system operator and the grid operator. The term of such an agreement is 20 years for plants/systems using geothermal energy, biomass and solar energy, 15 years for plants using biogas and hydro power and 12 years for wind power plants (art. 31 par. 2 RESBA).	
Beneficiaries	Entitled party: The persons entitled are the system operators (§ 18 par. 1 item 1 RESBA). Obligated party: The persons obliged to pay for the electricity exported to the grid are the grid operators (art. 18 par. 1 item 1 RESBA).	
Procedure	Procedure	The distribution grid operators are statutorily obligated to conclude purchase agreements with the operators of renewable energy systems (obligation to conclude a contract). In pursuance of the agreement concluded, the system operator is contractually entitled to payment for his electricity (art. 18 par. 1 item 1, § 7 par. 1 Transitional and Final Provisions RESBA).

	Competent authority	The regulatory authority (DKER)
Flexibility Mechanism		
Funding	State	
	Consumers	The costs arising from the feed-in tariff scheme are borne by the consumers through the electricity price (art. 31 item 7 Energy Act).
	Grid operator	
	System operator	
	Distribution mechanism	The grid operators have the right to request compensation for the costs resulting from the purchase of electricity from renewable sources (art. 35 par. 1 Energy Act). The regulatory authority (DKER) is responsible for determining the recoverable amount (art. 35 par. 4 Energy Act). The costs resulting from the purchase of electricity from renewable sources are added to the electricity price and thus passed on to the final consumers (art. 31 item 7, art. 35 par. 6 Energy Act).

