

## Research RES LEGAL – Grid regulations

Country: Slovakia

### 1. Overview of grid-related regulations

<b>Overview of access to the grid</b>	In Slovakia, access of electricity from renewable sources to the grid is mainly regulated by the Act on the Promotion of Renewable Energy Sources. Renewable energy systems must be given priority connection, and electricity from renewable sources must be given priority dispatch. The grid operator is obliged to extend the grid without discriminating against certain users.
<b>Connection to the grid</b>	System operators are contractually entitled against the grid operator to the connection of renewable energy systems. The grid operator is obliged to enter into connection agreements with the generators of electricity from renewable sources. Renewable energy systems shall be given priority connection.
<b>Use of the grid</b>	Access to the grid is granted on the basis of either a transmission and access agreement or a distribution and access agreement. Thus, the grid users (e.g. system operators) are entitled to the transmission and distribution of electricity by the grid operator. The competent transmission or distribution grid operator is obliged to enter into these agreements. Electricity from renewable sources must be given priority transmission and distribution.
<b>Grid expansion</b>	The distribution grid operator is obliged to expand the grid upon the request of an electricity producer. Renewable energy is not given priority..
<b>Statutory provisions</b>	<ul style="list-style-type: none"><li>• Act No. 309/2009 Coll. (Zákon 309/2009 Z.z. o podpore obnoviteľných zdrojov energie – Act on the Promotion of Renewable Energy Sources)</li><li>• Energy Act No. 656/2004 Coll. (Zákon 656/2004 Z.z. o energetike – general law on energy)</li><li>• Government Decree No. 317/2007 Coll. (Nariadenie vlády 317/2007 Z.z. ktorým sa ustanovujú pravidlá pre fungovanie trhu s elektrinou – Government Decree on the Regulation of the Electricity Market)</li></ul>

## 2. Basic information on legal sources

<b>Name of legal source (original language)</b>	Zákon 309/2009 Z.z. o podpore obnoviteľných zdrojov energie	Zákon 656/2004 Z.z. o energetike a o zmene niektorých zákonov	Nariadenie vlády 317/2007 Z.z.
<b>Name of legal source (full name)</b>	Zákon 309/2009 Z.z. o podpore obnoviteľných zdrojov energie a vysoko účinnej kombinovanej výroby a o zmene a doplnení niektorých zákonov		Nariadenie vlády 317/2007 Z.z. ktorým sa ustanovujú pravidlá pre fungovanie trhu s elektrinou
<b>Name of legal source (English)</b>	Act No. 309/2009 Coll. on the Promotion of Renewable Energy Sources and High-efficiency Cogeneration and on Amendments to Certain Acts	Act No. 656/2004 Coll. on Energy and consequential amendments	Government Decree No. 317/2007 Coll. on the Regulation of the Electricity Market
<b>Abbreviated form</b>	Act No. 309/2009 Coll.	Energy Act No. 656/2004 Coll.	Government Decree No. 317/2007 Coll.
<b>Entry into force</b>	19/09/2009	01/01/2005	15/07/2007
<b>Last amended on</b>		03/03/2010	26/04/2010
<b>Future amendments</b>			
<b>Purpose</b>	Act No. 309/2009 Coll. regulates the support system for renewable energy and high-efficiency combined heat and power generation and sets out the rights and obligations of renewable energy producers.	Energy Act No. 656/2004 Coll. establishes general provisions on the energy market.	Government Decree No. 317/2007 Coll. establishes provisions <b>to regulate</b> the electricity market.
<b>Relevance for renewable energy</b>	This Act mainly aims to promote renewable energy.	The Act also applies to renewable electricity generation.	Government Decree No. 317/2007 Coll. establishes provisions on the obligation to purchase RES electricity at special prices and use it to compensate for power losses in the distribution grid.
<b>Link to full text of legal source (original language)</b>	<a href="http://www.zbierka.sk/zz/predpisy/default.aspx?PredpisID=209127&amp;FileName=zz2009-00309-0209127&amp;Rocnik=2009&amp;#xml=http://">http://www.zbierka.sk/zz/predpisy/default.aspx?PredpisID=209127&amp;FileName=zz2009-00309-0209127&amp;Rocnik=2009&amp;#xml=http://</a>	<a href="http://www.zbierka.sk/zz/predpisy/default.aspx?PredpisID=18307&amp;FileName=04-z656&amp;Rocnik=2004">http://www.zbierka.sk/zz/predpisy/default.aspx?PredpisID=18307&amp;FileName=04-z656&amp;Rocnik=2004</a>	<a href="http://www.zbierka.sk/zz/predpisy/default.aspx?PredpisID=207565&amp;FileName=zz07-00317-0207565&amp;Rocnik=2007">http://www.zbierka.sk/zz/predpisy/default.aspx?PredpisID=207565&amp;FileName=zz07-00317-0207565&amp;Rocnik=2007</a>

	<a href="http://www.zbierka.sk/zz/predpisy/default.aspx?HitFile=True&amp;FileID=329&amp;Flags=160&amp;IndexFile=zz2009&amp;Text=309/2009">www.zbierka.sk/zz/predpisy/default.aspx?HitFile=True&amp;FileID=329&amp;Flags=160&amp;IndexFile=zz2009&amp;Text=309/2009</a>		
<b>Link to full text of legal source (English)</b>			

### 3. Further information

Institution (name)	Website	Name of contact person (optional)	Telephone number (head office)	E-mail (optional)
<b>Ministerstvo Hospodárstva SR (MHSR) – Ministry of Economy</b>	<a href="http://www.mhsr.sk/index/index.php?lang=en">http://www.mhsr.sk/index/index.php?lang=en</a>		+421 248 541 111	<a href="mailto:info@economy.gov.sk">mailto:info@economy.gov.sk</a>
<b>Regulatory Office for Network Industries (URSO) – Regulatory Authority</b>	<a href="http://www.urso.gov.sk/en/about-us">http://www.urso.gov.sk/en/about-us</a>		+421 258 100 411	<a href="mailto:urso@urso.gov.sk">mailto:urso@urso.gov.sk</a>
<b>Slovak Innovation and Energy Agency (SIEA)</b>	<a href="http://www.siea.sk/oldweb/english/index.htm">http://www.siea.sk/oldweb/english/index.htm</a>		+421 258 248 111	<a href="mailto:office@siea.sk">mailto:office@siea.sk</a>
<b>Ministerstvo Životného Prostredia SR – Ministry of Environment</b>	<a href="http://www.enviro.gov.sk/servlets/page?c_id=5300&amp;lang_id=2">http://www.enviro.gov.sk/servlets/page?c_id=5300&amp;lang_id=2</a>		+421 259 561 111	<a href="mailto:podatelna@enviro.gov.sk">mailto:podatelna@enviro.gov.sk</a>

#### 4. Connection to the grid

<p><b>Abbreviated form of legal sources</b></p>	<ul style="list-style-type: none"> <li>• Energy Act No. 656/2004 Coll.</li> <li>• Government Decree No. 317/2007 Coll.</li> <li>• Act No. 309/2009 Coll.</li> </ul>	
<p><b>Overview</b></p>	<p>System operators are contractually entitled against the grid operator to the connection of renewable energy systems to the grid. The grid operator is obliged to enter into these contracts (§ 22 Par. 2 Letter o Energy Law No. 656/2004 Coll. in connection with § 3 Par. 1 Government Decree No. 317/2007 Coll. and § 24 Par. 2 Letter h Energy Act No. 656/2004 Coll. in connection with § 3 Par. 1 Government Decree No. 317/2007 Coll.).</p> <p>The producers of electricity from renewable sources shall comply with the conditions for support set out in § 3 Act No. 309/2009 Coll. Renewable energy systems shall meet the grid operator's technical requirements (§ 4 Par. 1 Letter a) Act No. 309/2009 Coll.), which are specified in a separate regulation (Act No. 564/2004 Coll.).</p> <p>After <b>a system operator has paid</b> the connection fee <b>for his system</b>, the distribution grid operator is obliged to connect <b>the system to his grid if it complies</b> with the technical requirements and the terms and conditions for connection to the grid (§ 5 Par. 2 Act No. 309/2009 Coll.), if the connection of the system to the distribution grid is technically feasible, if the grid is most closely located to the system and if connecting the system to a different grid is neither technically nor economically more feasible.</p>	
<p><b>Procedure</b></p>	<p><b>Procedure</b></p>	<ul style="list-style-type: none"> <li>• <b>Application.</b> The operator of a renewable energy system must apply for a grid connection agreement (§ 22 Par. 2 Letter o Energy Act No. 656/2004 Coll.).</li> <li>• <b>Agreement.</b> The system is connected as set out in the connection agreement if it complies with the technical requirements and the grid operator's terms and conditions (§ 3 Par. 1 Government Decree No. 317/2007 Coll.).</li> <li>• <b>Connection.</b> A system may be connected to either the transmission or the distribution grid provided that the secure, reliable and stable operation of the grid is ensured.</li> </ul>
	<p><b>Deadlines</b></p>	<p>If the system complies with the technical requirements and the terms and conditions, the grid operator shall connect it to his grid within five work days (§ 3 Par. 5 Government Decree No. 317/2007 Coll.).</p>
	<p><b>Obligation to provide information</b></p>	
<p><b>Priority to renewable energy (qualitative criteria)</b></p>	<p>( x ) Priority to renewable energy ( ) Non-discrimination</p>	<p>The grid operator must ensure the priority connection of renewable energy systems that meet the technical requirements and the terms and conditions for connection (§ 5 Par. 2 Act No. 309/2009 Coll.).</p>

<b>Capacity limits (quantitative criteria)</b>	The regional distribution grid operator is obliged to connect a renewable energy system to his grid provided that the secure, reliable and stable operation of the grid is ensured (§ 5 Par. 2 Act No. 309/2009 Coll.).	
<b>Funding</b>		
	<b>State</b>	
	<b>Consumers</b>	
	<b>Grid operator</b>	The distribution grid operator bears part of the costs (§ 5 Par. 5 Act No. 309/2009 Coll.).
	<b>System operator</b>	The electricity producer bears the other part of the costs (§ 5 Par. 5 Act No. 309/2009 Coll.).
	<b>Distribution mechanism</b>	

## 5. Use of the grid

<b>Abbreviated form of legal sources</b>	<ul style="list-style-type: none"> <li>• Energy Act No. 656/2004 Coll.</li> <li>• Government Decree No. 317/2007 Coll.</li> <li>• Act No. 309/2009 Coll.</li> </ul>	
<b>Overview</b>	<p>Access to the grid is granted on the basis of either a transmission and access agreement or a distribution and access agreement (§ 4 Par. 1 Government Decree No. 317/2007 Coll.). The competent transmission or distribution grid operator is obliged to enter into such an agreement and to purchase the electricity as specified in the agreement (§ 5 Par. 1 in connection with § 7 Par. 1 Government Decree No. 317/2007 Coll.).</p> <p><b>Renewable energy producers are entitled to the priority transmission and distribution of electricity if they meet the conditions of support set out in § 3 Act No. 309/2009 Coll., if their systems meet the grid operator's technical requirements pursuant to a separate regulation (Act No. 564/2004 Coll.) and if the secure and reliable operation of the grid can be ensured (§ 4 Par. 1 Letter a) Act No. 309/2009 Coll.).</b></p>	
<b>Procedure</b>	<b>Procedure</b>	<ul style="list-style-type: none"> <li>• <b>Application.</b> First, a system operator applies to the grid operator for an agreement.</li> <li>• <b>Agreement.</b> Then, the system operator and the competent transmission or distribution grid operator conclude a transmission and access agreement or a distribution and access agreement. This agreement sets out the conditions for the use of the grid by the system operator.</li> </ul>
	<b>Deadlines</b>	<p>The transmission grid operator shall receive the application for conclusion of the transmission and access agreement 7 working days prior to the start of transmission. If the applicant fails to <b>submit the application in time</b>, the transmission grid operator is entitled to refuse transmission (§ 5 Par. 2 Government Decree No. 317/2007 Coll.). The distribution grid operator shall receive the application for conclusion of the distribution and access agreement 14 days prior to the start of distribution. If the applicant fails to <b>submit the application in time</b>, the distribution grid operator may refuse distribution (§ 7 Par. 2 Government Decree No. 317/2007 Coll.).</p>
	<b>Obligation to provide information</b>	
<b>Priority to renewable energy (qualitative criteria)</b>	<input checked="" type="checkbox"/> Priority to renewable energy <input type="checkbox"/> Non-discrimination	<p>Electricity from renewable sources must be given priority transmission and distribution (§ 4 Par. 1 Letter a) Act No. 309/2009 Coll.).</p> <p>Grid operators with more than 100,000 customers are obliged to give priority to electricity from renewable sources when purchasing electricity to cover grid losses (§ 24 Energy Act No. 656/2004 Coll.).</p>
<b>Grid stability</b>	<p>The grid operator is entitled to limit or interrupt the operation of his grid to an indefinite extent and for an indefinite period of time without being obliged to pay damages unless the damage was caused by the grid operator himself (§ 22 Energy Act No. 656/2004 Coll.). He is obliged to give notice of forthcoming limitations and interruptions and their approximate duration at least five days in advance (§ 7 Par. 5 Government Decree No. 317/2007 Coll.).</p>	

	The distribution grid operator shall publish on his website information about capacity limits for electricity to be distributed (§ 7 Par. 4 Government Decree No. 317/2007 Coll.). Systems in the affected area are managed by the energy dispatcher, who is responsible for the secure and reliable operation of the grid, the operations management of the grid and the calculation of the load of the connection lines (§ 26 Energy Act No. 656/2004 Coll.).	
<b>Funding</b>		
	<b>State</b>	
	<b>Consumers</b>	
	<b>Grid operator</b>	
	<b>System operator</b>	The costs of grid use are recovered through <b>the</b> usage fees paid by those electricity market participants (e.g. system operators) who have <b>entered into</b> a distribution and access agreement. The costs of the transmission of electricity are included in the electricity price (§ 7 Par. 3 Government Decree No. 317/2007 Coll.).
	<b>Distribution mechanism</b>	

## 6. Grid expansion

<b>Abbreviated form of legal sources</b>	Act No. 309/2009 Coll.	
<b>Overview</b>	The distribution grid operator is obliged to extend the grid at the request of an electricity producer, if the connection of a system to the grid requires the grid to be extended (§ 5 Par. 3 Act No. 309/2009 Coll.). If the construction of a system requires a certificate pursuant to § 11 Act No. 656/2004 Coll., the distribution grid operator is obliged to extend the grid only upon the submission of the respective certificate.	
<b>Procedure for system operators</b>	<b>Procedure</b>	A system is connected to the distribution grid if the grid is technically capable of this connection and closely located to the system and if connecting the system to a different grid is neither technically nor economically more feasible. The distribution grid is deemed technically capable even if the system can only be connected by means of an economically viable expansion of the grid. In this case, the distribution grid operator is obliged to extend his grid at the request of the electricity producer in question. Where the construction of a system pursuant to § 11 Energy Act No. 656/2004 Coll. requires a certificate on compliance with the long-term concept of Slovakia's energy policy, the distribution system operator is obliged to extend his grid only upon the submission of this certificate. The obligation to extend the grid also applies to all technical facilities necessary for the operation of the distribution grid (§ 5 Par. 3 and 4 Act No. 309/2009 Coll.).
	<b>Enforcement of claims</b>	
	<b>Deadlines</b>	Act No. 309/2009 Coll. does not impose time limits on the expansion of the grid. However, the distribution grid operators' <b>rules of operation</b> must contain the conditions for the extension of the distribution grid and may thus specify time limits (§ 5 Par. 10 Act No. 309/2009 Coll.).
	<b>Obligation to provide information</b>	
<b>Incentives for grid expansion</b>		
<b>Funding</b>		
	<b>State</b>	
	<b>Consumers</b>	
	<b>Grid operator</b>	The distribution grid operator bears part of the costs of the expansion of the grid (§ 5 Par. 5 Act No. 309/2009 Coll.).

	<b>System operator</b>	The electricity producer bears the other part of the costs of the expansion of the grid (§ 5 Par. 5 Act No. 309/2009 Coll.).
	<b>Distribution mechanism</b>	
<b>Grid studies</b>		