

Research RES LEGAL – Grid issues

Country: Slovenia

1. Overview of grid regulations

Overview	Renewable energy systems shall be connected to the grid according to the general legislation on energy. Renewable energy shall not be given priority connection. The use of the grid is also subject to the general legislation on energy and shall be granted according to non-discriminatory principles. The expansion of the grid is subject to the general legislation on energy, too.
Connection to the grid	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 conclude these contracts without discriminating against certain system operators.
Use of the grid	Grid operators are obliged to import and transmit all electricity from renewable sources generated by systems that have a capacity of no more than 5 MW (Chapter IV §§ 22a, 23a Energy Act). Moreover, electricity from renewable sources must be granted access to the grid according to the general legislation on energy and without any users being discriminated against.
Grid expansion	The obligation to connect renewable energy systems to the grid may give rise to a claim for the expansion of the grid. The costs for the expansion of the grid are borne by the grid operator. If the cost of connection turns out to be higher than average, the system operator shall bear part of the cost.
Statutory provision	<ul style="list-style-type: none">• Energy Act (Energetski zakon - Uradni list RS – 79/1999, Energetski zakon – uradno precisceno besedilo, Uradni list RS 70/2008)• Order on Access to the Grid (Uredba o splosnih pogojih za dobavo in odjem elektricne energije - Uradni list, RS, 117/2002)• Conditions for Access to the Grid (Splosni pogoji za dobavo in odjem elektricne energije iz distribucijskega omrežja elektricne energije - Uradni list RS, 126/2007)

2. Basic information on legal sources

Name of legal source (original language)	Energetski zakon - Uradni list RS 79/1999 (Energetski zakon – uradno precisceno besedilo, Uradni list RS 27/2007)	Uredba o splošnih pogojih za dobavo in odjem elektricne energije - Uradni list, RS 117/2002	Splosni pogoji za dobavo in odjem elektricne energije iz distribucijskega omrežja elektricne energije - Uradni list RS 126/2007
Full name			
Name of legal source (English)			General Conditions for Electricity Deliveries and the Receipt of Electricity from the Distribution Grid
Abbreviated form	Energy Act	Order on Access to the Grid	Conditions for Access to the Grid
Entry into force	15.10.1999	29.12.2002 (applied since: 01.03.2003)	01.01.2008
Last amended on	19.03.2010	01.01.2008 (amended by the Conditions for Access to the Grid)	
Future amendments			
Purpose	The Act establishes basic principles for energy policy and the energy market. It also includes provisions on the security of supply and energy efficiency.	The Order regulates the relations between grid operators, system operators and consumers. Since the General Conditions for the Distribution Grid Operator entered into force, this Order has applied to the transmission grid operator only.	These general conditions regulate the relations between distribution grid operators, system operators and consumers.
Relevance for renewable energy	The Act is the basis for the promotion of renewable energy through fixed prices. Chapters IX ff. establish special regulations on renewable energy. §§ 70, 71 include provisions for the connection of power generation systems (including renewable energy systems) to the grid.	The Order includes provisions on connection and access of renewable energy to the grid.	They include provisions on the connection and access of renewable energy to the grid.
Link to full text of legal source (original)	http://www.uradni-list.si/1/objava.jsp?urlid=199979&ste	http://www.uradni-list.si/1/objava.jsp?urlid=2007126&stevilka	http://www.uradni-list.si/1/objava.jsp?urlid=2007126&stevilka

language)	vilka=3757 http://zakonodaja.gov.si/rpsi/r00/predpis_ZAKO5280.html	=6422	=6422
Link to full text of legal source (English)			

Further information

Institution (name)	Website	Name of contact person (optional)	Telephone number (head office)	E-mail (optional)
Direktorat za energijo – Direktorate for Energy	http://www.mg.gov.si/en/areas_of_work/energy/		+386 140 033 41	gp.mg@gov.si
Javna agencija Republike Slovenije za energijo – Energy Agency	http://www.agen-rs.si/en/		+386 140 033 41	gp.mg@gov.si

3. Connection to the grid

Legal sources	<ul style="list-style-type: none"> • Energy Act • Order on Access to the Grid • Conditions for Access to the Grid 	
Overview	<p>A claim for connection arises from the terms of a grid connection agreement. The system operator shall apply to the grid operator for connection to the grid (chapter II § 4 Conditions for Access to the Grid; Chapter III § 13 Order on Access to the Grid). Where the system operator satisfies all requirements for connection and a final decision has been made, the system operator shall be granted permission to connect his system to the grid (chapter II § 7 Conditions for Access to the Grid; chapter IV § 15 Order on Access to the Grid). Before the system is connected to the grid, the system operator and the grid operator shall conclude a connection agreement (chapter II § 20 Conditions for Access to the Grid; chapter IV § 22 Order on Access to the Grid).</p> <p>Entitled party: The party entitled is the system operator (applicant) (chapter II § 29 Conditions for Access to the Grid; chapter V § 30 Order on Access to the Grid).</p> <p>Obligated party: The entity obligated is the grid operator (chapter II § 29 Conditions for Access to the Grid; chapter V § 30 Order on Access to the Grid).</p>	
Procedure	Procedure	<ul style="list-style-type: none"> - Application: The system operator shall apply to the grid operator for connection (chapter II § 4 Conditions for Access to the Grid; chapter III § 13 Order on Access to the Grid). - Requirements: If the system operator meets all the requirements for connection, he will be granted permission by the grid operator to connect the system (chapter II § 7 Conditions for Access to the Grid; chapter IV § 15 Order on Access to the Grid). - Connection agreement: After the grid operator has given final permission to connect and before the system is actually connected to the grid, the system operator and the grid operator shall conclude a connection agreement (chapter II § 20 Conditions for Access to the Grid; chapter IV § 24 Order on Access to the Grid). - Right to be connected: The right to be connected to the grid arises on the day on which the connection agreement is concluded (chapter II § 20 Conditions for Access to the Grid; chapter IV § 22 Order on Access to the Grid).
	Deadlines	The permission to connect is valid for two years; thus, it shall be renewed every two years. If the permission ceases to be valid, entitlement to connection terminates (chapter II § 14 Conditions for Access to the Grid; chapter II § 14 Order on Access to the Grid).
	Obligation to provide information	

Priority to renewable energy (qualitative criteria)	() Priority to renewable energy (x) Non-discrimination	Renewable energy is not given priority; system operators are entitled to non-discriminatory treatment according to the general legislation on energy (chapter IV §§ 22, 23a Energy Act).
Capacity limits (quantitative criteria)		
Funding		
	State	
	Consumers	
	Grid operator	
	System operator	The system operator shall bear the cost of connection to the grid (chapter II § 20 Conditions for Access to the Grid; chapter IV § 20 Order on Access to the Grid, chapter X § 70 Energy Act).
	Distribution mechanism	

4. Use of the grid

Legal sources	<ul style="list-style-type: none"> • Energy Act • Order on Access to the Grid • Conditions for Access to the Grid 	
Overview	<p>Entitlement to access to the grid is based on an agreement: Having concluded the grid connection agreement, the system operator shall apply to the grid operator for access to the grid in writing. Thereafter, the grid operator checks compliance with the prerequisites for permission to connect (chapter II § 29 Conditions for Access to the Grid for systems connected to the distribution grid, chapter IV § 28 Order on Access to the Grid).</p> <p>Entitled party: The parties entitled are those system operators that have permission to connect (chapter II § 28 Conditions for Access to the Grid; chapter IV § 27 Order on Access to the Grid).</p> <p>Obligated party: The obligated entity is the grid operator (chapter II § 24 Conditions for Access to the Grid; chapter IV § 28 Order on Access to the Grid).</p>	
Procedure	Procedure	<p>Entitlement to access to the grid is based on an agreement: Having concluded the grid connection agreement, the system operator shall apply to the grid operator for access to the grid in writing. Thereafter, the grid operator checks compliance with the prerequisites for permission to connect (chapter II § 29 Conditions for Access to the Grid for systems connected to the distribution grid, chapter V § 28 Order on Access to the Grid).</p> <ul style="list-style-type: none"> • Distribution grid. Entitlement to access to the grid arises on the date of the conclusion of the grid access agreement (chapter III § 36 Conditions for Access to the Grid). • Transmission grid. After a system has passed the inspection, the system operator may claim access to the grid. Thus, he becomes entitled to access to the grid (chapter IV § 28 Order on Access to the Grid).
	Deadlines	The grid access agreement may, but need not, have a certain duration (chapter II § 31 Conditions for Access to the Grid).
	Obligation to provide information	
Priority to renewable energy (qualitative criteria)	() Priority to renewable energy (x) Non-discrimination	Renewable energy is not given priority; system operators are entitled to non-discriminatory treatment (chapter IV §§ 22, 23a Energy Act). However, electricity from renewable sources is privileged in so far as the grid operator is obliged to purchase at a guaranteed price all electricity generated by systems with a capacity of no more than 5 MW connected to his grid (chapter IV §§ 22a, 23a Energy Act).
Grid stability		
Funding		

	State	
	Consumers	According to the Slovenian Energy Agency, the consumers bear the costs of grid use through the electricity price.
	Grid operator	
	System operator	
	Distribution mechanism	

5. Grid expansion

Legal source	Energy Act	
Overview	<p>A claim for connection to the grid may give rise to a claim for the expansion or conversion of the grid (chapter X § 70 Energy Act).</p> <p>Entitled party: The parties entitled are the system operators (chapter X § 70 Energy Act)</p> <p>Obligated party: The obligated entity is the grid operator (chapter X § 70 Energy Act).</p>	
Procedure	Procedure	A claim for connection to the grid may give rise to a claim for the expansion or conversion of the grid (chapter X § 70 Energy Act). Entitlement to the expansion of the grid arises on the date of the conclusion of a connection agreement.
	Enforcement of a claim	A claim for the expansion of the grid arises on the date of the conclusion of a connection agreement.
	Deadlines	When the grid is to be extended depends on the terms of the agreement.
	Obligation to provide information	
Incentives		
Funding	State	
	Consumers	
	Grid operator	<ul style="list-style-type: none"> • Grid expansion/conversion. The grid operator shall bear the cost of the expansion or conversion of the grid (chapter X § 70 Energy Act). • Grid expansion/conversion causing above-average costs. The system operator shall bear part of the high costs (chapter X § 71 Energy Act, chapter VIII a § 64k Energy Act). • Grid expansion/conversion and delayed permission procedure. System operators that did not receive permission to connect within six months after the date on which their systems were put into operation may claim the refund of the costs of the grid expansion (chapter VIII a § 64k Energy Act).
	System operator	<ul style="list-style-type: none"> • Grid expansion causing above-average costs. The system operator shall bear part of the high costs (chapter X § 71 Energy Act, chapter VIII a § 64k Energy Act).
	Distribution mechanism	

Grid development studies	
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