

# Renewable energy policy database and support – RES-LEGAL EUROPE

## National profile: Italy

Client: DG Energy

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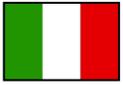
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## RES-E support schemes

### Summary of support schemes

<p><b>Overview</b></p>	<p>In Italy, electricity generated from renewable energy sources is mainly promoted through a quota system (certificati verdi). The quota system obliges all producers and importers of electricity to supply a certain quota of electricity from renewable sources or purchase a certain amount of green certificates. As an alternative, small plants and expensive technologies may participate in various kinds of price schemes, which may be more cost-efficient than participation in the certificate system. The price regulation system provides for mechanisms like the feed-in tariff for plants generating less than 1 MW. Likewise, photovoltaic installations are promoted by a premium tariff ("conto energia per il solare fotovoltaico"). Electricity may also be sold on the free market or within the regulatory system of "ritiro dedicato" (purchase by Gestore dei Servizi Elettrici at a guaranteed price). Under certain conditions, electricity producers can make use of "scambio sul posto" (net-metering).</p>
<p><b>Summary of support system</b></p>	<ul style="list-style-type: none"> <li>• <b>Quota system.</b> Electricity producers and importers shall satisfy a quota of electricity from renewable sources and furnish proof thereof by submitting green certificates.</li> <li>• <b>Price regulation.</b> Renewable energy sources in general and photovoltaic energy in particular are promoted through several kinds of feed-in and premium tariffs, which especially benefit small plants. Photovoltaic installations are promoted through a guaranteed payment. Small plants, except for photovoltaic installations, can also choose the guaranteed feed-in tariff as an alternative to green certificates. Furthermore, Gestore dei Servizi Elettrici (GSE) shall manage the sale of renewable energy on request, and interested parties can make use of net-metering.</li> <li>• <b>Tax regulation mechanisms.</b> Photovoltaic and wind energy plants are eligible for a reduced VAT of 10 % (instead of 20 %). This tax benefit applies to enterprises, the professions and private individuals.</li> </ul> <p>In addition to these national incentives, Italy provides for a series of regional programmes. The Osservatorio Politiche Energetico-Ambientali Regionali e Locali and FIRE give an overview of regional support schemes (e.g. "tetti fotovoltaici" programme or regional energy programmes).</p>
<p><b>Technologies</b></p>	<p>In general, all technologies used in renewable electricity generation are promoted; however, they are eligible for different incentives.</p>



**Statutory provisions**

- DM 05/05/11 (Decreto Ministeriale 5 maggio 2011 Incentivazione della produzione di energia elettrica da impianti solari fotovoltaici – Ministerial Decree of 5th May 2011. Incentivation of Electricity Production from Solar Photovoltaic Plants).
- DL 28/11 (Decreto Legislativo 3 marzo 2011, n. 28. Attuazione della direttiva 2009/28/CE sulla promozione dell'uso dell'energia da fonti rinnovabili recante modifica e successiva abrogazione delle direttive 2001/77/CE e 2003/30/CE - Legislative Decree 3 March 2011, n. 28. Implementation of directive 2009/28/CE on Promotion of Use of Energy from Renewable Energy Sources modifying and repealing Directives 2001/77/CE and 2003/30/CE)
- L 99/09 (Legge 23 luglio 2009, n. 99. Disposizioni per lo sviluppo e l'internazionalizzazione delle imprese, nonché in materia di energia – Act on the Development of the Business and Energy Sectors)
- L 244/07 (Legge 24 Dicembre 2007, n. 244. Disposizioni per la formazione del bilancio annuale e pluriennale dello Stato. Legge finanziaria 2008 – Budget Act of 2008)
- DL 239/04 (Legge 23 agosto 2004, n. 239. Riordino del settore energetico, nonché delega al Governo per il riassetto delle disposizioni vigenti in materia di energia - Act on the Reorganisation of the Energy Sector)
- L 79/99 (Decreto Legislativo 16 marzo 1999, n. 79. Attuazione della direttiva 96/92/CE recante norme comuni per il mercato interno dell'energia elettrica, „Decreto Bersani“ – Decree for the Regulation of the Electricity Market)
- DL 387/03 (Decreto Legislativo 29 dicembre 2003, n. 387. Attuazione della direttiva 2001/77/CE relativa alla promozione dell'energia elettrica prodotta da fonti energetiche rinnovabili nel mercato interno dell'elettricità – Decree for the Promotion of Renewable Energy)
- DPR 633/72 (Decreto del Presidente della Repubblica 26 ottobre 1972 n. 633. Istituzione e disciplina dell'imposta sul valore aggiunto – Act on the Value-Added Tax)
- DM 18/12/08 (Decreto 18 dicembre 2008. Incentivazione della produzione di energia elettrica da fonti rinnovabili. “Decreto Rinnovabili” – Decree on Renewable Energy)
- DM 14/03/03 (Decreto 14 marzo 2003. Attivazione del mercato elettrico, limitatamente alla contrattazione dei certificati verdi – Decree on the Green Certificates)
- AEEG 34/05 (Delibera n. 34/05. Modalità e condizioni economiche per il ritiro dell'energia elettrica – Conditions on Electricity Supply to the Grid)
- AEEG 280/07 (Delibera n. 280/07. Modalità e condizioni tecnico-economiche per il ritiro dell'energia elettrica – Conditions on Electricity Imports to the Grid)
- ARG/elt 199/11 (Delibera n. 199/11. Testo integrato delle disposizioni dell'Autorità per l'energia elettrica



	<p>e il gas per l'erogazione dei servizi di trasmissione, distribuzione e misura dell'energia elettrica per il periodo di regolazione 2012-2015 e disposizioni in materia di condizioni economiche per l'erogazione del servizio di connessione – Resolution on the Transmission and Distribution of Electricity)</p> <ul style="list-style-type: none"><li>• AEEG 111/06 (Delibera n. 111/06 Condizioni per l'erogazione del pubblico servizio di dispacciamento dell'energia elettrica sul territorio nazionale – Resolution on the Dispatch of Electricity on the National Level)</li><li>• ARG/elt 181/10 (Delibera n. 181/10. Attuazione del decreto del Ministro dello Sviluppo Economico, di concerto con il Ministro dell'Ambiente e della Tutela del Territorio e del Mare 6 agosto 2010, ai fini dell'incentivazione della produzione di energia elettrica mediante impianti fotovoltaici – Actuation of the Decree of 6 August 2010 on Incentives for the Generation of Electricity from PV Plants)</li><li>• ARG/elt 74/08 (Deliberazione 3 giugno 2008 - ARG/elt 74/08. Testo integrato delle modalità e delle condizioni tecnico-economiche per lo scambio sul posto. "TISP" – Conditions for Net Metering)</li><li>• ARG/elt 1/09 (Delibera n. 1/09. Attuazione dell'articolo 2, comma 153, della legge n. 244/07 e dell'articolo 20 del decreto ministeriale 18 dicembre 2008, in materia di incentivazione dell'energia elettrica prodotta da fonti rinnovabili tramite la tariffa fissa onnicomprensiva e di scambio sul posto - Implementation of Art. 1, c. 153 of L 244/07 and Art. 20 of DM 18/12/08 as regards Promotion of Electricity Produced by Renewable Energy Sources through the "All-in-One-Tariff")</li><li>• DM 11/04/08 (Criteri e modalità per incentivare la produzione di energia elettrica da fonte solare mediante cicli termodinamici – criteria to incentivise production of electric energy from solar sources through thermodynamic cycles)</li><li>• ARG/elt 95/08 (attuazione del decreto del Ministro dello Sviluppo Economico, di concerto con il Ministro dell'Ambiente e della Tutela del Territorio e del Mare 11 aprile 2008, ai fini dell'incentivazione della produzione di energia elettrica da fonte solare mediante cicli termodinamici – enactment of DM 11/04/08)</li></ul>
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**Basic information on legal sources**

<b>Name of legal source (original language)</b>	Decreto Ministeriale 5 maggio 2011. Incentivazione della produzione di energia elettrica da impianti solari fotovoltaici.	Decreto Legislativo 3 marzo 2011, n. 28. Attuazione della direttiva 2009/28/CE sulla promozione dell'uso dell'energia da fonti rinnovabili recante modifica e successiva abrogazione delle direttive 2001/77/CE e 2003/30/CE	Legge 23 luglio 2009, n. 99. Disposizioni per lo sviluppo e l'internazionalizzazione delle imprese, nonché in materia di energia
<b>Full name</b>			
<b>Name (English)</b>	Ministerial Decree of 5 May 2011. Incentivation of electricity production from solar photovoltaic installations.	Legislative Decree 3 March 2011, no. 28. Implementation of Directive 2009/28/CE on Promotion of Use of Energy from Renewable Energy Sources modifying and repealing Directives 2001/77/CE and 2003/30/CE	Act of 23 July 2009. Provisions for the development and the internationalisation of enterprises and the energy sector
<b>Abbreviated form</b>	DM 05/05/11	DL 28/11	L 99/09
<b>Entry into force</b>	05.05.2011	29.03.2011	31.07.2009
<b>Last amended on</b>		24.01.2012	29.12.2011
<b>Future amendments</b>			
<b>Purpose</b>	Establishing a support system for PV installations.	To define instruments, mechanisms, incentives and the institutional, financial and legal frameworks necessary for	This act aims to reform existing incentives and provide new incentives for enterprises, especially for



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		achieving the 2020 goals as regards the total quota of renewable energy in final consumption and in transports.  This legislative decree is the framework for changes in the Italian support schemes.	enterprises in the energy sector.
<b>Relevance for renewable energy</b>	Criteria for the promotion of photovoltaic energy.	This decree initiates changes in the support schemes for renewable energy in Italy.	Art. 27 and 42 introduce new regulations on the existing support schemes for electricity from renewable sources.
<b>Link to full text of legal source (original language)</b>	<a href="http://www.sviluppoeconomico.gov.it/images/stories/normativa/DM_PV_firmato.pdf">http://www.sviluppoeconomico.gov.it/images/stories/normativa/DM_PV_firmato.pdf</a>	<a href="http://www.governo.it/Governo/Provvedimenti/testo_int.asp?d=62612">http://www.governo.it/Governo/Provvedimenti/testo_int.asp?d=62612</a>	<a href="http://www.parlamento.it/parlam/leggi/09099l.htm">http://www.parlamento.it/parlam/leggi/09099l.htm</a>
<b>Link to full text of legal source (English)</b>			



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<b>Name of legal source (original language)</b>	Legge 24 Dicembre 2007, n. 244. Disposizioni per la formazione del bilancio annuale e pluriennale dello Stato. Legge finanziaria 2008	Legge 23 agosto 2004, n. 239. Riordino del settore energetico, nonchè delega al Governo per il riassetto delle disposizioni vigenti in materia di energia. („Legge Marzano“)	Decreto Legislativo 16 marzo 1999, n. 79. Attuazione della direttiva 96/92/CE recante norme comuni per il mercato interno dell'energia elettrica. „Decreto Bersani“
<b>Full name</b>			
<b>Name (English)</b>	Act No. 244 of 24 December 2007. Provisions on the formation of the annual budget. Budget Act of 2008	Act No. 239 of 23rd August 2004 on the reorganisation of the energy sector and the review of existing provisions in the field of renewable energy by the government.	Legislative Decree No. 79 of 16 March 1999 implementing European Directive 96/92/EC Concerning Common Rules for the Internal Market in Electricity. “Decreto Bersani
<b>Abbreviated form</b>	L 244/07	L 239/04	DL 79/99
<b>Entry into force</b>	01.01.2008	28.09.2004	01.04.1999
<b>Last amended on</b>	02.03.2012	24.01.2012	20.07.2011
<b>Future amendments</b>			
<b>Purpose</b>	Budget act of 2008	This act mainly defines the rights and duties of the state as regards renewable energy and establishes regulations on fossil fuels.	Liberalising the energy market.
<b>Relevance for renewable energy</b>	Article 2, paragraphs 143 to 176 of the Budget Act introduces changes in the promotion of electricity from renewable	Article 41 includes provisions for Feed-in tariff II.	The decree is the legal basis for the promotion of renewable energy through the quota system. It stipulates that



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	sources and its supply to the grid.		producers and importers shall feed a certain quota of electricity from renewable sources to the grid from 2001 onwards. They can either produce this electricity themselves or purchase it. Furthermore, the decree includes provisions on access to the grid.
<b>Link to full text of legal source (original language)</b>	<a href="http://www.parlamento.it/parlam/leggi/07244l.pdf">http://www.parlamento.it/parlam/leggi/07244l.pdf</a>	<a href="http://www.parlamento.it/parlam/leggi/04239l.htm">http://www.parlamento.it/parlam/leggi/04239l.htm</a>	<a href="http://www.camera.it/parlam/leggi/deleghe/testi/99079dl.htm">http://www.camera.it/parlam/leggi/deleghe/testi/99079dl.htm</a>
<b>Link to full text of legal source (English)</b>			



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<b>Name of legal source (original language)</b>	Decreto Legislativo 29 dicembre 2003, n. 387. Attuazione della direttiva 2001/77/CE relativa alla promozione dell'energia elettrica prodotta da fonti energetiche rinnovabili nel mercato interno dell'elettricità.	Decreto del Presidente della Repubblica 26 ottobre 1972 n. 633 e successive modificazioni ed integrazioni. Istituzione e disciplina dell'imposta sul valore aggiunto	Decreto Ministeriale 18 dicembre 2008. Incentivazione della produzione di energia elettrica da fonti rinnovabili, ai sensi dell'articolo 2, comma 150, della legge 24 dicembre 2007, n. 244 – „Decreto Rinnovabili“
<b>Full name</b>			
<b>Name (English)</b>	Legislative Decree of 29 December 2003 implementing European Directive 2001/77/EC on the promotion of electricity produced from renewable energy sources in the internal electricity market	Decree No. 633 of the President of the Republic as of 26 October 1972 and subsequent amendments and addenda. Implementation and regulation of the value added tax.	Ministerial Decree of 18 December 2008 on the promotion of renewable electricity generation according to art. 2 par. 150 of L 244/07
<b>Abbreviated form</b>	DL 387/03	DPR 633/72	DM 18/12/2008
<b>Entry into force</b>	15.02.2004	06.11.1972	02.01.2009
<b>Last amended on</b>	28.03.2011	02.03.2012	
<b>Future amendments</b>			
<b>Purpose</b>	Implementing EU directive 2001/77/EC and promoting renewable energy.	Act on the value-added tax	Promoting renewable electricity generation.
<b>Relevance for renewable energy</b>	The decree creates a basic framework for the promotion of renewable energy. It establishes an observatory for renewable energy (Osservatorio nazionale sulle fonti	Table A, Part 3, 127-quinquies provides for a reduction in the VAT for photovoltaic installations and wind energy plants.	This decree introduces changes to the existing support system for electricity from renewable sources. The most important changes are related to the



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	rinnovabili e l'efficienza negli usi finali dell'energia).		Certificati Verdi and the Tariffa Omnicomprensiva.
<b>Link to full text of legal source (original language)</b>	<a href="http://efficienzaenergetica.acs.enea.it/doc/dlgs_387-03.pdf">http://efficienzaenergetica.acs.enea.it/doc/dlgs_387-03.pdf</a>	<a href="http://www.unisi.it/ammin/uffragi/Fisco/DPR633-72.htm">http://www.unisi.it/ammin/uffragi/Fisco/DPR633-72.htm</a>	<a href="http://www.camera.it/temiap/dm%20008-12-18.pdf">http://www.camera.it/temiap/dm%20008-12-18.pdf</a>
<b>Link to full text of legal source (English)</b>			



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<b>Name of legal source (original language)</b>	Decreto Ministeriale 14 marzo 2003. Ministero delle Attività Produttive. Attivazione del mercato elettrico, limitatamente alla contrattazione dei certificati verdi	Delibera n. 34/05. Modalità e condizioni economiche per il ritiro dell'energia elettrica di cui all'articolo 13, commi 3 e 4, del decreto legislativo 29 dicembre 2003, n. 387, e al comma 41 della legge 23 agosto 2004, n. 239	Delibera n. 181/10. Attuazione del decreto del Ministro dello Sviluppo Economico, di concerto con il Ministro dell'Ambiente e della Tutela del Territorio e del Mare 6 agosto 2010, ai fini dell'incentivazione della produzione di energia elettrica mediante impianti fotovoltaici
<b>Full name</b>			
<b>Name (English)</b>	Ministerial Decree of 14 March 2003 on the trade of green certificates.	Resolution No. 34/05. Modalities and economic conditions on the grid import of renewable energy.	Regulation No. 181/10. Implementation of DM 06/08/10 on Photovoltaic Electricity Generation
<b>Abbreviated form</b>	DM 14/03/03	AEEG 34/05	ARG/elt 181/10
<b>Entry into force</b>	20.03.2003	01.03.2005	25.10.2010
<b>Last amended on</b>		06.12.2007	29.04.2011
<b>Future amendments</b>			
<b>Purpose</b>	This decree regulates the trade of green certificates via the GME (Gestore Mercato Elettrico).	This resolution regulates the import of electricity by the grid operator.	Implementing DM 06/08/10
<b>Relevance for renewable energy</b>	The decree regulates the trade of green certificates between electricity producers.	This regulation includes provisions on the grid import of electricity generated from	Promotion of photovoltaic installations.



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		renewable energy sources.	
<b>Link to full text of legal source (original language)</b>	<a href="http://www.interno.it/dip_ps/dia/normative/di%2014%20marzo%202003.pdf">http://www.interno.it/dip_ps/dia/normative/di%2014%20marzo%202003.pdf</a>	<a href="http://www.autorita.energia.it/it/docs/05/034-05.htm">http://www.autorita.energia.it/it/docs/05/034-05.htm</a>	<a href="http://www.autorita.energia.it/allegati/docs/10/181-10argallnew.pdf">http://www.autorita.energia.it/allegati/docs/10/181-10argallnew.pdf</a>
<b>Link to full text of legal source (English)</b>			



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<b>Name of legal source (original language)</b>	Delibera n. 280/07. Modalità e condizioni tecnico-economiche per il ritiro dell'energia elettrica ai sensi dell'articolo 13, commi 3 e 4, del decreto legislativo 29 dicembre 2003, n. 387/03, e del comma 41 della legge 23 agosto 2004, n. 239/04	Delibera n. 199/11. Testo integrato delle disposizioni dell'Autorità per l'energia elettrica e il gas per l'erogazione dei servizi di trasmissione, distribuzione e misura dell'energia elettrica per il periodo di regolazione 2012-2015 e disposizioni in materia di condizioni economiche per l'erogazione del servizio di connessione	Delibera n. 111/06. Condizioni per l'erogazione del pubblico servizio di dispacciamento dell'energia elettrica sul territorio nazionale e per l'approvvigionamento delle relative risorse su base di merito economico, ai sensi degli articoli 3 e 5 del decreto legislativo 16 marzo 1999, n. 79
<b>Full name</b>			
<b>Name (English)</b>	Regulation No. 280/07. Technical and economic provisions on the grid import of electric energy.	Regulation No. 199/11. Consolidated text of the provisions of AEEG on the supply of electricity through transmission, distribution and metering services in the period from 2012 to 2015 and the provisions on the economic conditions for connection services.	Resolution No. 111/06. Provisions for the supply by the public service regarding the distribution of electric energy on national territory and the supply of energy on an economic basis in pursuance of Articles 3 and 5 of DL 79/99
<b>Abbreviated form</b>	AEEG 280/07	ARG/elt 199/11	AEEG 111/06
<b>Entry into force</b>	01.01.2008	30.12.2011	01.01.2007
<b>Last amended on</b>	29.07.2011		30.12.2011
<b>Future amendments</b>	Annual price adjustments		



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<b>Purpose</b>	Amendment of Annex A of L 239/04	Conditions on the transmission and distribution of energy and the connection of plants to the grid.	Regulation of the distribution (dispacciamento) of energy in the national grid.
<b>Relevance for renewable energy</b>	This resolution establishes indirect access to the market and a price regulation system.	Funding of the plant for the promotion of renewable energy as set out in the "Conto per nuovi impianti da fonti rinnovabili e assimilate"	Giving renewable energy priority access to the grid.
<b>Link to full text of legal source (original language)</b>	<a href="http://www.autorita.energia.it/it/docs/07/280-07.htm">http://www.autorita.energia.it/it/docs/07/280-07.htm</a>	<a href="http://www.autorita.energia.it/it/docs/11/199-11arg.htm">http://www.autorita.energia.it/it/docs/11/199-11arg.htm</a>	<a href="http://www.autorita.energia.it/docs/06/111-06.htm">http://www.autorita.energia.it/docs/06/111-06.htm</a>
<b>Link to full text of legal source (English)</b>			



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<b>Name of legal source (original language)</b>	Deliberazione 3 giugno 2008 - ARG/elt 74/08. Testo integrato delle modalità e delle condizioni tecnico-economiche per lo scambio sul posto (TISP)	Delibera n. 1/09 Attuazione dell'articolo 2, comma 153, della legge n. 244/07 e dell'articolo 20 del decreto ministeriale 18 dicembre 2008, in materia di incentivazione dell'energia elettrica prodotta da fonti rinnovabili tramite la tariffa fissa onnicomprensiva e di scambio sul posto	
<b>Full name</b>			
<b>Name (English)</b>	Resolution of 3 June 2008 - ARG/elt 74/08. Consolidated text on the technical and economic requirements for net metering/scambio sul posto	Regulation 1/09.Implementation of Art. 1, c. 153 of L 244/07 and Art. 20 of DM 18/12/08 as regards promotion of electricity produced by renewable energy sources through the Tariffa Omnicomprensiva.	
<b>Abbreviated form</b>	ARG/elt 74/08	ARG/elt 1/09	
<b>Entry into force</b>	09.07.2008	12.01.2009	
<b>Last amended on</b>	13.12.2010	06.08.2010	
<b>Future amendments</b>			
<b>Purpose</b>	This regulation contains detailed provisions on net metering (Scambio Sul Posto).	This regulation contains detailed provisions on the “Tariffa Omnicomprensiva” (all-in-one tariff).	
<b>Relevance for renewable energy</b>	This regulation contains detailed provisions on net metering (Scambio Sul Posto). On 04/02/2009, a transitional provision on net	This regulation defines modalities and economic conditions for the grid-import of renewable energy according to the incentive system known	



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	metering came into force:  "Delibera ARG/elt 184/08. Disposizioni transitorie in materia di scambio sul posto di energia elettrica."	as "tariffa omnicomprensiva".	
<b>Link to full text of legal source (original language)</b>	<a href="http://www.autorita.energia.it/it/docs/08/074-08arq.htm">http://www.autorita.energia.it/it/docs/08/074-08arq.htm</a>	<a href="http://www.autorita.energia.it/it/docs/09/001-09arq.htm">http://www.autorita.energia.it/it/docs/09/001-09arq.htm</a>	
<b>Link to full text of legal source (English)</b>			



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<b>Name of legal source (original language)</b>	Decreto Ministeriale 11 Aprile 2008	Delibera 95/08
<b>Full name</b>	Decreto Ministeriale 11 Aprile 2008, Criteri e modalità per incentivare la produzione di energia elettrica da fonte solare mediante cicli termodinamici	Delibera 95/08, attuazione del decreto del Ministro dello Sviluppo Economico, di concerto con il Ministro dell'Ambiente e della Tutela del Territorio e del Mare 11 aprile 2008, ai fini dell'incentivazione della produzione di energia elettrica da fonte solare mediante cicli termodinamici
<b>Name (English)</b>	Ministerial Decree 11 April 2008, criteria to incentivise production of electric energy from solar sources through thermodynamic cycles	Deliberation 95/08, enactment of DM 11/04/08
<b>Abbreviated form</b>	DM 11/04/08	ARG/elt 95/08
<b>Entry into force</b>	30.04.2008	18.07.2008
<b>Last amended on</b>		
<b>Future amendments</b>		
<b>Purpose</b>	To incentivise production of electric energy from solar sources.	To incentivise production of electric energy from solar sources.
<b>Relevance for renewable energy</b>	To incentivise production of electric energy from solar sources.	To incentivise production of electric energy from solar sources.
<b>Link to full text of legal source (original language)</b>	<a href="http://www.reteambiente.it/normativa/1437/">http://www.reteambiente.it/normativa/1437/</a>	<a href="http://www.autorita.energia.it/it/docs/08/095-08arg.htm">http://www.autorita.energia.it/it/docs/08/095-08arg.htm</a>



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Link to full text of legal source (English)		
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Further information

Institution (name)	Website	Name of contact person (optional)	Telephone number (head office)	E-mail (optional)
Ministero dello Sviluppo Economico – Ministry of Economic Development	<a href="http://www.sviluppoeconomico.gov.it">http://www.sviluppoeconomico.gov.it</a>		+39 06 47051	urp@sviluppoeconomico.gov.it
Ministero dell'Ambiente e della Tutela del Territorio e del Mare – Ministry of Environment	<a href="http://www.minambiente.it/">http://www.minambiente.it/</a>		+39 065 72 21	URP@minambiente.it
Autorità per l'energia elettrica e il gas (AEEG) – Regulatory Authority for Electricity and Gas	<a href="http://www.autorita.energia.it/it/inglese/index.htm">http://www.autorita.energia.it/it/inglese/index.htm</a>		+39 068 01 11	info@autorita.energia.it
APER – Associazione Produttori di energie rinnovabili – Association of renewable energy producers	<a href="http://www.aper.it/">http://www.aper.it/</a>		+39 02 6692 673	info@aper.it
Legambiente per le Energie Rinnovabili – Association for the promotion of renewable energy	<a href="http://www.fonti-rinnovabili.it/">http://www.fonti-rinnovabili.it/</a>		+39 056 448 771	info@fonti-rinnovabili.it
Federazione Italiani Produttori di Energia da Fonti Rinnovabili (Fiper) – Italian Producer of Renewable Energy Federation	<a href="http://www.fiper.it/en.html">http://www.fiper.it/en.html</a>		+39 034 270 62 78	info@fiper.it
Nextville: Energie rinnovabili ed efficienza energetica –	<a href="http://www.nextville.it/home.php">http://www.nextville.it/home.php</a>			redazione@nextville.it





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Information website on renewable energy				
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**Support schemes**

**Feed-in tariff I (tariffa onnicomprensiva)**

<p><b>Abbreviated form of legal source(s)</b></p>	<ul style="list-style-type: none"> <li>• L 99/09</li> <li>• ARG/elt 1/09</li> <li>• L 244/07</li> <li>• DL 28/11</li> <li>• ARG/elt 199/11</li> </ul>	
<p><b>Summary</b></p>	<p>In accordance with the Budget Act of 2008 and ARG/elt 1/09, generators with an installed power between 1kW and 1 MW (0,2 MW for wind energy) are entitled to a guaranteed feed-in tariff as an alternative to green certificates (Art. 2 par. 145 L 244/07 and Art 2 par. 3 ARG/elt 1/09).</p> <p>This support scheme will support eligible plants put into operation prior to or on 31 December 2012. All the provisions described in this section apply to these plants (Art. 25, c. 6, 11, l. b DL 28/11). From 1 January 2013, a new incentive system will be in place. This support system was supposed to be published through a ministerial decree before 30 September 2011 (Art. 24, c. 5,6 DL 28/11). However, up to date this decree has not been published.</p>	
<p><b>Eligible technologies</b></p>	<p><b>General information</b></p>	<p>This tariff is explicitly designed to promote small plants, except for photovoltaic installations. Photovoltaic installations are subject to the provisions of DL 387/03 (Art. 2 par. 145 L 244/07). To be able to apply for the tariff, a given plant operator must present a certificate classifying his plant as a renewable energy plant (Impianto Alimentato da Fonti Rinnovabili – IAFR). Such a certificate is issued by GSE (Gestore Servizi Elettrici) and is subject to charges, which depend on the size of the plant (Art. 4 DM 18/12/08).</p>
	<p><b>Wind energy</b></p>	<p>Eligible if the capacity is between 1 kW and 0.2 MW (Art. 2 par. 145 L 244/07 and Art. 2 par. 3 ARG/elt 1/09).</p>
	<p><b>Solar energy</b></p>	<p>Not eligible (Art. 2 par. 3 ARG/elt 1/09).</p>



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	<b>Geothermal energy</b>	Eligible if the capacity is between 1 kW and 1 MW (Art. 2 par. 145 L 244/07 and Art. 2 par. 3 ARG/elt 1/09).
	<b>Biogas</b>	Eligible if the capacity is between 1 kW and 1 MW (Art. 2 par. 145 L 244/07 and Art. 2 par. 3 ARG/elt 1/09).
	<b>Hydro-power</b>	Eligible (hydro, wave and tidal) if the capacity is between 1 kW and 1 MW (Art. 2 par. 145 L 244/07 and Art. 2 par. 3 ARG/elt 1/09).
	<b>Biomass</b>	Eligible if the capacity is between 1 kW and 1 MW (Art. 2 par. 145 L 244/07 and Art. 2 par. 3 ARG/elt 1/09).
<b>Amount</b>	<b>General information</b>	The amount of payment differs for each source of energy (Art. 2 par. 145 L 244/07):
	<b>Wind energy</b>	€ct 30 per kWh (Art. 2 par. 145 L 244/07)
	<b>Solar energy</b>	
	<b>Geothermal energy</b>	€ct 20 per kWh (Art. 2 par. 145 L 244/07)
	<b>Biogas</b>	€ct 28 per kWh (Art. 2 par. 145 L 244/07) <b>Landfill gas and gas resulting from purification processes:</b> €ct 18 per kWh (Art. 2 par. 145 L 244/07).
	<b>Hydro-power</b>	€ct 22 per kWh. <b>Wave and tidal energy:</b> €ct 34 per kWh (Art. 2 par. 145 L 244/07)
	<b>Biomass</b>	€ct 28 per kWh (Art. 2 par. 145 L 244/07) <b>Fluid biofuels:</b> €ct 18 per kWh (Art. 2 par. 145 L 244/07).
<b>Degression</b>	<b>General information</b>	Statutory law does not provide for any adjustment mechanism. Yet, the tariff levels may be adjusted by a decree of the Ministry of



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		Economic Development every three years (Art. 2 par. 145 L 244/07). The tariffs were last amended by L 99/09 in late 2010.
	<b>Wind energy</b>	
	<b>Solar energy</b>	
	<b>Geothermal energy</b>	
	<b>Biogas</b>	
	<b>Hydro-power</b>	
	<b>Biomass</b>	
<b>Cap</b>		
<b>Eligibility period</b>	The period of payment is limited in time. It amounts to 15 years and starts at the date of commissioning (Art. 2 par. 145 L 244/07).	
<b>Addressees</b>	<p><b>Entitled party.</b> The persons entitled are the producers of electricity from renewable sources with plants with a yearly average nominal power lower than 1 MW (lower than 0,2 MW for wind energy), provided that they export electricity to the grid and apply for the tariff (art 2 par. 145 L 244/07). Plants must be commissioned after 31 December 2007 to be eligible for the tariff (Art. 3 par. 2 DM 18/12/08). Plants commissioned after 30 June 2009 are eligible for the tariff as long as they do not receive incentives other than the Tariffa Onnicomprensiva (Art. 2 par. 152 L 244/07).</p> <p><b>Obligated party.</b> GSE (Gestore Servizi Elettrici) is obligated to pay the tariff (Art. 3 DM 18/12/08).</p>	
<b>Procedure</b>	<b>Process flow</b>	The plant operator shall request the incentive from the grid operator within three years from the commissioning of the plant. If the grid operator does not provide an answer within 90 days, the request is considered to have been accepted (Art. 4 DM 18/12/08).



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	<b>Competent authority</b>	GSE (Gestore Servizi Elettrici) is obligated to pay the tariff (Art. 3 DM 18/12/08).
<b>Flexibility Mechanism</b>		
<b>Distribution of costs</b>	<b>State</b>	
	<b>Consumers</b>	The costs of the feed-in tariff are borne by the consumers via their electricity bills.
	<b>Plant operator</b>	
	<b>Grid operator</b>	
	<b>European Union</b>	
	<b>Distribution mechanism</b>	The system costs paid by the consumers are transferred to a fund for the promotion of renewable energy plants (Conto per nuovi impianti da fonti rinnovabili ed assimilate). The fund is managed by GSE (Gestore Servizi Elettrici), which uses the money to cover the cost arising from the feed-in tariff (Art. 49.2q Annex A ARG/elt 199/11).



**Feed-in tariff II (Ritiro dedicato)**

<p><b>Abbreviated form of legal source(s)</b></p>	<ul style="list-style-type: none"> <li>• L 239/04</li> <li>• DL 387/03</li> <li>• AEEG 34/05</li> <li>• AEEG 280/07</li> <li>• ARG/elt 199/11</li> </ul>	
<p><b>Summary</b></p>	<p>"Ritiro Dedicato" is the regulation of the sale of electricity in Italy rather than a "classical" feed-in tariff. GSE (Gestore Servizi Elettrici) manages the sale on behalf of the producers, who thus need not sell their energy on the free market in person. For this reason, GSE can be considered a mediator between the producers and the market. This system enables renewable energy to access the market indirectly and more easily. Producers of up to 2,000,000 kWh of electricity from renewable sources may choose between the minimum tariff (prezzo minimo garantito) determined by the energy authority and the market prices (Art. 7 AEEG 280/07 in connection with Art. 4 AEEG 34/05). If production exceeds 2.000.000 kWh, the surplus is subject to the market price (Art. 7 AEEG 280/07).</p>	
<p><b>Eligible technologies</b></p>	<p><b>General information</b></p>	<p>All technologies are eligible (Art. 13, c. 3,4 DL 387/03 and Art. 1 par. 41 L 239/04).</p>
	<p><b>Wind energy</b></p>	<p>Eligible (Art. 13, c. 3,4 DL 387/03 and Art. 1 par. 41 L 239/04).</p>
	<p><b>Solar energy</b></p>	<p>Eligible (Art. 13, c. 3,4 DL 387/03 and Art. 1 par. 41 L 239/04).</p>
	<p><b>Geothermal energy</b></p>	<p>Eligible (Art. 13, c. 3,4 DL 387/03 and Art. 1 par. 41 L 239/04).</p>
	<p><b>Biogas</b></p>	<p>Eligible below a capacity of 10 MVA (Art. 13, c. 3,4 DL 387/03 and Art. 1 par. 41 L 239/04).</p>
	<p><b>Hydro-power</b></p>	<p>Wave and tidal power stations and run-of-river plants are eligible (Art. 13, c. 3,4 DL 387/03 and Art. 1 par. 41 L 239/04).</p>
	<p><b>Biomass</b></p>	<p>Eligible (Art. 13, c. 3,4 DL 387/03 and Art. 1 par. 41 L 239/04).</p>
<p><b>Amount</b></p>	<p><b>General information</b></p>	<p>The amount of payment decreases with increasing output (Art. 7 par. 5 AEEG 280/07).</p>



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	<b>Wind energy</b>	<ul style="list-style-type: none"> <li>• For outputs up to 2,000,000 kWh: € 76.2 € per MWh (Art. 7 par. 5 AEEG 280/07).</li> <li>• For outputs above 2,000,000 kWh: Market price (Art. 7 par. 2 AEEG 280/07).</li> </ul>
	<b>Solar energy</b>	<ul style="list-style-type: none"> <li>• For outputs up to 3,750 kWh: € 100 per MWh (Art. 7 par. 5 AEEG 280/07).</li> <li>• For outputs between 3,750 and 25,000 kWh: € 90 per MWh (Art. 7 par. 5 AEEG 280/07).</li> <li>• For outputs between 25,000 and 2,000,000 kWh: € 76.2 per MWh (Art. 7 par. 5 AEEG 280/07).</li> <li>• For outputs above 2,000,000 kWh: Market price (Art. 7 par. 2 AEEG 280/07).</li> </ul>
	<b>Geothermal energy</b>	<ul style="list-style-type: none"> <li>• For outputs up to 2,000,000 kWh: € 76.2 per MWh (Art. 7 par. 5 AEEG 280/07).</li> <li>• For outputs above 2,000,000 kWh: Market price (Art. 7 par. 2 AEEG 280/07).</li> </ul>
	<b>Biogas</b>	<ul style="list-style-type: none"> <li>• For outputs up to 2,000,000 kWh: € 113 per MWh (Art. 7 par. 5 AEEG 280/07).</li> <li>• For outputs above 2,000,000 kWh: Market price (Art. 7 par. 2 AEEG 280/07).</li> </ul>
	<b>Hydro-power</b>	<ul style="list-style-type: none"> <li>• For outputs up to 250,000 kWh: € 150 per MWh (Art. 7 par. 5 AEEG 280/07).</li> <li>• For outputs between 250,000 and 500,000 kWh: € 95 per MWh (Art. 7 par. 5 AEEG 280/07).</li> <li>• For outputs between 500,000 and 1,000,000 kWh: € 82 per MWh (Art. 7 par. 5 AEEG 280/07).</li> <li>• For outputs between 1,000,000 and 2,000,000 kWh: € 76.2 per MWh (Art. 7 par. 5 AEEG 280/07).</li> <li>• For outputs above 2,000,000 kWh: Market price (Art. 7 par. 2 AEEG 280/07).</li> </ul>
	<b>Biomass</b>	<ul style="list-style-type: none"> <li>• For outputs up to 2,000,000 kWh: € 113 per MWh (Art. 7 par. 5 AEEG 280/07).</li> </ul>



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		<ul style="list-style-type: none"> <li>For outputs above 2,000,000 kWh: Market price (Art. 7 par. 2 AEEG 280/07).</li> </ul>
Degression	<b>General information</b>	Only the statutory minimum tariff is subject to adjustments. This tariff is re-assessed every year and is based on the ISTAT's (office for statistics') calculation of the consumption costs of families of workers and employees (Art. 7 par. 5 AEEG 280/07).
	<b>Wind energy</b>	
	<b>Solar energy</b>	
	<b>Geothermal energy</b>	
	<b>Biogas</b>	
	<b>Hydro-power</b>	
	<b>Biomass</b>	
<b>Cap</b>	The tariff level depends on a plant's output, see "Amount"	
<b>Eligibility period</b>	The guaranteed minimum prices are applicable for one year (Art. 7 par. 2 AEEG 280/07).	
<b>Addressees</b>	<p><b>Entitled party.</b> All eligible operators of plants that generate electricity from renewable energy sources (Art. 13, c. 3,4 DL 387/03 and Art. 1 par. 41 L 239/04).</p> <p><b>Obligated party.</b> The obligated parties are, alternatively, the plant operators or GSE (Gestore Servizi Elettrici) (Art. 3, c. 2 and 11 AEEG 34/05).</p>	
<b>Procedure</b>	<b>Process flow</b>	A given producer shall submit an application within 60 days from commissioning and conclude a contract, which may be renewed annually, with GSE. Payment starts on a date agreed by the parties, provided that the plant is deemed admissible by GSE in the verification process (Arts. 3 and 14 AEEG 280/07).



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	<b>Competent authority</b>	GSE checks the information and data submitted by the producers (Art. 14 par. 3 AEEG 280/07).
<b>Flexibility Mechanism</b>		
<b>Distribution of costs</b>	<b>State</b>	
	<b>Consumers</b>	Part of the costs is paid by the consumers via the electricity price (Art. 49.2h Annex A ARG/elt 199/11).
	<b>Plant operator</b>	The plant operators also bear part of the costs. They shall pay to the grid operator a fee for the services regarding the sale of electricity. This fee amounts to 0.5 % of the value of the energy fed in, the maximum being € 3,500 per year and plant (Art. 4 par. 2 e AEEG 280/07). The fee is levied to cover the GSE's administrative costs.
	<b>Grid operator</b>	
	<b>European Union</b>	
	<b>Distribution mechanism</b>	The grid operator receives the difference between the minimum tariff, which he shall pay to the plant operators, and the price he achieves on the market, from the fund for the promotion of plants generating electricity from renewable energy sources (Conto per nuovi impianti da fonti rinnovabili ed assimilate), which is in turn financed from a charge listed on the electricity bills of the consumers (Componente A3) (Artt. 38.2b, 47.1b 49.2h Annex A ARG/elt 199/11).

**Premium tariff I (Conto Energia IV)**

<b>Abbreviated form of legal source(s)</b>	<ul style="list-style-type: none"> <li>• L 99/09</li> <li>• ARG/elt 181/10</li> <li>• ARG/elt 199/11</li> <li>• DM 05/05/11</li> </ul>
<b>Summary</b>	<p>In Italy, photovoltaic installations are promoted through a premium tariff (conto energia per il solare fotovoltaico). Operators of photovoltaic installations receiving a premium tariff under this scheme are neither eligible for green certificates nor for the tariffa omnicomprensiva. PV installations commissioned before 31.12.2012 (Art. 5, c. 5 DM 05/05/11), however, may be eligible for selling their electricity on the free market, for selling electricity within the regulatory system of “Ritiro Dedicato” (purchase by Gestore dei Servizi Elettrici at a fixed price), or, if their capacity is below 200 kW, for net-metering (“scambio sul posto”) (Art. 5, c. 5 DM 05/05/11).</p> <p>This support system applies to installations put into operation between 1 June 2011 and 31 December 2016 (Art. 1, c. 2 DM 05/05/11).</p> <p>DM 05/05/11 distinguishes between the following categories of PV installations:</p> <ul style="list-style-type: none"> <li>• <b>PV installations</b> <ul style="list-style-type: none"> <li>○ Small installations:           <ul style="list-style-type: none"> <li>▪ building-mounted PV installations with a capacity below 1000 kW;</li> <li>▪ PV installations with a capacity below 200 kW operating under "Scambio Sul Posto" (net-metering)</li> <li>▪ PV installations of any capacity operating on buildings and in areas of public administrations (Art. 3, c.1, l. u DM 05/05/11),</li> </ul> </li> <li>○ Large plants:           <ul style="list-style-type: none"> <li>▪ Any plant that is not considered a “small plant” (Art. 3, c.1, l. v DM 05/05/11).</li> </ul> </li> </ul> </li> <li>• <b>Integrated PV installations with innovative characteristics</b></li> <li>• <b>Concentration PV plants</b></li> </ul>



<b>Eligible technologies</b>	<b>General information</b>	Only electricity generated by photovoltaic installations is eligible.
	<b>Wind energy</b>	
	<b>Solar energy</b>	<p><b>PV installations</b> are eligible under the following conditions:</p> <ul style="list-style-type: none"> <li>• Their nominal power shall exceed 1 kW (Art. 11, c.2, l.a DM 05/05/11).</li> <li>• They shall comply with the technical requirements laid down in Annex 1 of DM 05/05/11 and in Art. 10, DL 28/11 (Art. 11, c.2, l.b, e, f DM 05/05/11). Only new components or components which were not used in other installations shall be used (Art. 11, c.2, l.c DM 05/05/11)</li> <li>• The PV installations shall be connected to the electricity grid or to a small, isolated grid so that each plant has a single connection point to the grid (Art. 11, c.2, l.d DM 05/05/11).</li> <li>• The components and the installations themselves are implemented in compliance with the minimum technical requirements defined in DM 05/05/11 and the fulfillment of these requirements is certified by labs accredited by institutions belonging to or recognised by the European Co-operation for Accreditation (EA) (Art. 10, c. 1 DL 28/11 in conjunction with art. 4 and 7, Annex 2, DL 28/11) and</li> <li>• The modules have a guarantee of at least 10 years (Art. 11, c. 5 DM 05/05/11 in conjunction with Art. 4, Annex 2, DL 28/11).</li> </ul> <p><b>Integrated PV plants with innovative characteristics</b> are eligible under the following conditions:</p> <ul style="list-style-type: none"> <li>• Nominal power between 1 kW and 5 MW (Art. 15, c.2, l.a DM 05/05/11);</li> <li>• They shall comply with the technical requirements laid down in Annexes 1 and 4 of DM 05/05/11 and in Art. 10, DL 28/11</li> </ul>



		<p>(Art. 15, c.2, l.b, c DM 05/05/11).</p> <ul style="list-style-type: none"><li>• Only new components or components which were not used in other installations shall be used (Art. 15, c.2, l.d DM 05/05/11).</li><li>• The PV installations shall be connected to the electricity grid or to a small, isolated grid so that each plant has a single connection point to the grid (Art. 15, c.2, l.e DM 05/05/11).</li></ul> <p>GSE (Gestore Servizi Elettrici) publishes an updated version of the guidelines for these installations (Art. 15, c.3 DM 05/05/11).</p> <p><b>High-concentration PV installations</b> are eligible under the following conditions:</p> <ul style="list-style-type: none"><li>• They shall be owned by legal entities of public entities (Art. 17, c. 1 DM 05/05/11);</li><li>• Nominal power between 1 kW and 5 MW (Art. 17, c.2, l.a DM 05/05/11);</li><li>• They shall comply with the technical requirements laid down in Annex 1 of DM 05/05/11 and in Art. 10, DL 28/11 (Art. 17, c.2, l.b DM 05/05/11).</li><li>• Only new components or components which were not used in other installations shall be used (Art. 17, c.2, l.c DM 05/05/11).</li><li>• The PV installations shall be connected to the electricity grid or to a small, isolated grid so that every installation has a single connection point to the grid (Art. 17, c.2, l.d DM 05/05/11).</li></ul> <p>Ground-mounted plants in agricultural areas are not eligible for this scheme (Art. 65, c. 1, DL 24/01/12).</p> <p><b>Tariffs are not applicable</b> to installations that were supported by one of the following incentives:</p>
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		<ul style="list-style-type: none"><li>• Construction grants of more than 30 % of the investment cost for:<ul style="list-style-type: none"><li>○ installations below 20 kW;</li><li>○ installations on public buildings or on buildings owned by non-profit organisations of public utilities providing social services;</li><li>○ installations in reclaimed areas;</li><li>○ integrated PV installations with innovative characteristics</li><li>○ high-concentration PV installations; (Art. 5, c. 1, DM 05/05/11).</li></ul></li><li>• Construction grants of more than 60 % of the investment cost for installations on schools, public healthcare buildings or administrative public buildings (Art. 5, c. 1, DM 05/05/11);</li><li>• Tax reductions other than the VAT reduction established by DPR 633/72 and DM 29/12/1999 (Art. 5, c. 2, DM 05/05/11)..</li><li>• Previous premium tariffs (Art. 5, c. 3, DM 05/05/11).</li></ul> <p><b>From 30.06.2012 onwards</b>, PV installation operators must provide the following certificates to GSE:</p> <ul style="list-style-type: none"><li>• A certificate of the producer of the PV modules, confirming its affiliation to a European system or consortium that guarantees recycling of the PV modules at the end of their life cycle (Art.11, c. 6, l.a DM 05/05/11);</li><li>• A certificate released by the producer of the PV modules, indicating compliance with the following standards: ISO 9001:2008, OHSAS 18001, ISO 14000 (Art. 11, c. 6, l.b DM 05/05/11);</li><li>• A certificate of inspection of the facility, released by a body certified at the European or national level, shall verify the</li></ul>
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		<p>quality of the production process and the used materials, confirm compliance with the above-mentioned standards and prove that at least 60 % of the investment costs (excluding labour costs) were caused by production processes within the EU (Art. 11, c. 6, l.c DM 05/05/11 in conjunction with Art. 14, c. 1, l.d).</p> <p><b>From 01.01.2013 onwards:</b></p> <ul style="list-style-type: none"> <li>• Inverters of PV installations (Art. 11, c. 3 DM 05/05/11), of integrated PV installations with innovative characteristics (Art. 15, c.4, DM 05/05/11) and of concentration PV installations (Art. 17, c. 3 DM 05/05/11) shall have the following functions when they are put into operation: <ul style="list-style-type: none"> <li>○ Resistance to sudden voltage drops;</li> <li>○ Remote disconnection from the grid;</li> <li>○ Highly selective protective mechanism to avoid premature disconnection of the PV installation;</li> <li>○ Possibility of limiting the production or absorption of reactive power;</li> <li>○ Possibility of limiting the power exported to the grid;</li> <li>○ Protective mechanism to prevent that the inverters power the electric loads of the grid in case of low voltage on the transforming station (Art. 11, c.3 DM 05/05/11)</li> </ul> </li> </ul> <p>Other incentives that may be received on top of the premium tariff are set out in Arts. 24, c.5 and 26 DL 28/11 (Art. 5, c. 4, DM 05/05/11).</p>
	<b>Geothermal energy</b>	
	<b>Biogas</b>	



	<b>Hydro-power</b>	
	<b>Biomass</b>	
<b>Amount</b>	<b>General information</b>	Tariff rates are provided only for solar technologies, being the only eligible ones, For the exact rates see below.
	<b>Wind energy</b>	
	<b>Solar energy</b>	<p>The amount of payment depends on the installation type, its location and capacity. The tariff applicable at the time of commissioning will apply for the whole eligibility period (20 years from commissioning) (Art. 12, c. 2 DM 05/05/11).</p> <p>Annex 5 of DM 05/05/11 lists the detailed adjustments per month or semester up to 2013. The following tariff ranges apply to PV installations:</p> <ul style="list-style-type: none"> <li>• 1st semester 2012: € 0.148 – 0.274 per kWh</li> <li>• 2nd semester 2012: € 0.133 – 0.252 per kWh</li> </ul> <p><b>From 2013 onwards</b>, this tariff scheme will undergo a change: The tariff for electricity exported to the grid will be equal to the sum of the value of electricity and the incentive. Self-consumed electricity will be eligible for a premium tariff. The tariff levels for the first semester of 2013 will range from € 0.121 to 0.375 per kWh.</p> <p>Under certain conditions, the tariff may be increased. Where more than one of the following conditions applies, only one of the corresponding benefits may be received. Up to 31 December 2012, the increased tariff will be based on the full tariff. From 1 January</p>



		<p>2013, it will be calculated on the value of the premium tariff for self-consumption tariff (Art. 12, c. 3 in conjunction with Annex 5 DM 05/05/11):</p> <ul style="list-style-type: none"> <li>• PV installations not mounted on buildings and located in industrial or commercial areas, exhausted quarries or landfills or contaminated areas are eligible for a 5 % increase in the applicable tariff (Art. 14, c. 1, l. a DM 05/05/11).</li> <li>• Small PV installations installed in municipalities with less than 5,000 inhabitants (the municipality shall be responsible for the PV installation) are eligible for an increase of 5 % in the applicable premium tariff (Art. 14, c. 1, l. b DM 05/05/11).</li> <li>• Building-mounted PV installations replacing building parts containing asbestos receive a premium of € 0.05 per kWh (Art. 14, c. 1, l. c DM 05/05/11).</li> <li>• PV installations for which at least 60 % of the investment costs (excluding labour costs) were caused by production processes within the EU are eligible for an increase of 10 % in the applicable premium tariff (Art. 14, c. 1, l.d DM 05/05/11).</li> </ul> <p>The operators of small building-mounted installations receive a bonus ("premio") of up to 30 % of the applicable tariff if they implement additional energy-saving measures in the building (Art. 13 DM 05/05/11).</p>
	<p><b>Geothermal energy</b></p>	
	<p><b>Biogas</b></p>	



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	<b>Hydro-power</b>	
	<b>Biomass</b>	
<b>Degression</b>	<b>General information</b>	Annex 5 of DM 05/05/11 lists the tariffs for the coming years, though not specifying a specific degression rate but actually writing the precise tariffs for the coming years.
	<b>Wind energy</b>	
	<b>Solar energy</b>	The tariff decreases over time according to the tables presented in Annex 5 of DM 05/05/11. In case the actual costs calculated for the premium tariff in a semester exceed the estimated costs for the same semester, as presented in Art 4 DM 05/05/11, the tariffs for the coming periods are reduced according to the calculation in Annex 5 DM 05/05/11.
	<b>Geothermal energy</b>	
	<b>Biogas</b>	
	<b>Hydro-power</b>	
	<b>Biomass</b>	
<b>Cap</b>	The aim of this support scheme is to reach 13,100 MW of installed PV capacity by 2016 (Art 4 DM 05/05/11), which corresponds to a required budget of € 1.94 billion. The overall target has been set at 23,000 MW of installed capacity by 2016 (Art. 1, c. 2 DM 05/05/11).	
<b>Eligibility period</b>	The period of payment is limited in time. It starts at the date of commissioning and lasts for 20 years (Arts. 12, c. 2; 16, c. 2; 18, c. 2 DM 05/05/11).	



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<p><b>Addressees</b></p>	<p><b>Entitled party.</b> The persons entitled are the plant operators. Plant operators are natural persons, legal entities or public entities that use high-concentration PV, (Art. 17, c. 1 DM 05/05/11) or the operators of plants on multi-family buildings and blocks of flats ("condomini") (Arts. 11, 15 c. 1 DM 05/05/11) Operators of plants mounted on residential buildings are eligible only if they own the building or have been authorised by the owner to operate a plant. Furthermore, they shall obtain all necessary authorisations (e.g. building permits) before constructing a plant (Art. 7 par. 3 ARG/elt 181/10).</p> <p><b>Obligated party.</b> The obligated party is GSE S.p.a. – Manager of electricity services.</p>	
<p><b>Procedure</b></p>	<p><b>Process flow</b></p>	<p>Plant operators are contractually entitled to the premium tariff. Eligible plant operators shall apply for the tariff to Gestore Servizi Elettrici (GSE) within 15 days after commissioning (Art. 10, c. 1 DM 05/05/11). Large PV installations shall be registered in a special register (Art. 8 DM 05/05/11). GSE checks and monitors the eligible plants and informs the plant operator about his decision within 120 days from the date of the receipt of the application (Art. 10, c. 3 DM 05/05/11). If a plant operator does not comply with the existing provisions, GSE may reclaim the premium tariff or the increased payment (Art. 14 par. 3 ARG/elt 181/10).</p>
	<p><b>Competent authority</b></p>	<p>GSE (Art. 10, c. 3 DM 05/05/11).</p>
<p><b>Flexibility Mechanism</b></p>		
<p><b>Distribution of costs</b></p>	<p><b>State</b></p>	
	<p><b>Consumers</b></p>	<p>The costs of the premium tariff are borne by the consumers via the electricity bill.</p>
	<p><b>Plant operator</b></p>	



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	<b>Grid operator</b>	
	<b>European Union</b>	
	<b>Distribution mechanism</b>	The system costs paid by the consumers are transferred to the Fund for the Promotion of Renewable Energy Plants (Conto per nuovi impianti da fonti rinnovabili ed assimilate). The fund is managed by GSE (Gestore Servizi Elettrici), which uses the money to cover the costs arising from the premium tariff (Art. 49.2s Annex A ARG/elt 199/11).



**Premium tariff II (Meccanismo incentivante per la corretta previsione delle unità di produzione rilevanti alimentate da fonti rinnovabili non programmabili)**

<p><b>Abbreviated form of legal source(s)</b></p>	<ul style="list-style-type: none"> <li>• AEEG 111/06</li> </ul>	
<p><b>Summary</b></p>	<p>This incentive system provides a bonus for the producers of intermittent renewable energy sources in case their actual production is in line with their prognosis. The amount of the bonus paid out is proportional to the accuracy of the prognosis.</p>	
<p><b>Eligible technologies</b></p>	<p><b>General information</b></p>	<p>All intermittent RES-E plants (Art. 40 bis par. 1 AEEG 111/06).</p>
	<p><b>Wind energy</b></p>	<p>Eligible (Art. 1, c. 1 and Art. 40 bis par. 1 AEEG 111/06).</p>
	<p><b>Solar energy</b></p>	<p>Eligible (Art. 1, c. 1 and Art. 40 bis par. 1 AEEG 111/06).</p>
	<p><b>Geothermal energy</b></p>	<p>Eligible (Art. 1, c. 1 and Art. 40 bis par. 1 AEEG 111/06).</p>
	<p><b>Biogas</b></p>	<p>Eligible (landfill gas and residual gas from biogas depuration processes) (Art. 1, c. 1 and Art. 40 bis par. 1 AEEG 111/06).</p>
	<p><b>Hydro-power</b></p>	<p>Eligible (run-of-river, wave and tidal) (Art. 1, c. 1 and Art. 40 bis par. 1 AEEG 111/06).</p>
	<p><b>Biomass</b></p>	
<p><b>Amount</b></p>	<p><b>General information</b></p>	<p>For each dispatching point, Terna calculates the difference between the energy actually produced and the production estimate on an hourly basis. In case this difference is lower, in absolute value, than the produced energy multiplied by the Srif parameter (0.15), Terna pays the producer an amount equal to a premium (€ 3 per MWh) multiplied by the difference between the Srif parameter multiplied by the produced energy and the misalignment in absolute value between</p>



		the produced and the programmed energy (Art. 40bis par 2 AEEG 111/06).
	Wind energy	
	Solar energy	
	Geothermal energy	
	Biogas	
	Hydro-power	
	Biomass	
Degression	General information	The Srif parameter is 0.15 from 2012 onwards, no further degression is set (Art. 40 bis par. 2 AEEG 111/06).
	Wind energy	
	Solar energy	
	Geothermal energy	
	Biogas	
	Hydro-power	
	Biomass	
Cap		
Eligibility period		



<b>Addressees</b>		
<b>Procedure</b>	<b>Process flow</b>	Terna calculates the corresponding premium on an hourly basis (Art. 40bis par 1, 2 AEEG 111/06).
	<b>Competent authority</b>	Terna (grid operator)
<b>Flexibility Mechanism</b>		
<b>Distribution of costs</b>	<b>State</b>	
	<b>Consumers</b>	The costs for this incentive system are considered to be grid use costs, and as such they are borne by the consumers through their electric bills.
	<b>Plant operator</b>	
	<b>Grid operator</b>	
	<b>European Union</b>	
	<b>Distribution mechanism</b>	<ul style="list-style-type: none"> <li>• The grid operator pays the corresponding amount to the eligible producers</li> <li>• The amounts are redistributed to producers within the grid use costs</li> <li>• Producers cover such costs through the sale of electricity</li> <li>• Consumers cover the costs through their purchase of electricity.</li> </ul>



Premium tariff III (Conto energia per il solare termodinamico)

<b>Abbreviated form of legal source(s)</b>	<ul style="list-style-type: none"> <li>DM 11/04/08</li> <li>ARG/elt 95/08</li> </ul>	
<b>Summary</b>	<p>In this premium tariff scheme, plants are granted a tariff which depends on the percentage of electricity actually produced from solar energy (in case of hybrid installations, i.e. plants that pair CSP with another source for electricity production).</p>	
<b>Eligible technologies</b>	<b>General information</b>	CSP only.
	<b>Wind energy</b>	
	<b>Solar energy</b>	<p>Eligible (CSP only), also in case of hybrid installations.</p> <ul style="list-style-type: none"> <li>For non-hybrid installations: any capacity.</li> <li>For hybrid installations: eligible if their capacity is up to 10 MVA (Art. 4 ARG/elt 95/08).</li> </ul>
	<b>Geothermal energy</b>	
	<b>Biogas</b>	
	<b>Hydro-power</b>	
	<b>Biomass</b>	
<b>Amount</b>	<b>General information</b>	<p>The tariff varies according to the amount directly attributable to the solar source (Art. 6, c. 2, DM 11/04/08).</p>
	<b>Wind energy</b>	
	<b>Solar energy</b>	<p>Tariffs vary depending on the amount of the integration fraction (% of how much of the produced energy is not attributable to the solar</p>



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		<p>source):</p> <ul style="list-style-type: none"> <li>• 0 % to 15 % - € 0.28 per kWh</li> <li>• 15 % to 50 %, - € 0.25 per kWh</li> <li>• 50 % or more - € 0.22 per kWh (Art. 6, c. 2, DM 11/04/08).</li> </ul>
	<b>Geothermal energy</b>	
	<b>Biogas</b>	
	<b>Hydro-power</b>	
	<b>Biomass</b>	
<b>Degression</b>	<b>General information</b>	For plants commissioned in 2013 and in 2014, the tariffs are cut by 2 % for each year after 2012 (Art. 6, c. 3, DM 11/04/08). Tariffs of installations commissioned after 2014 will be re-defined in 2013 (Art. 6, c. 4, DM 11/04/08).
	<b>Wind energy</b>	
	<b>Solar energy</b>	
	<b>Geothermal energy</b>	
	<b>Biogas</b>	
	<b>Hydro-power</b>	
	<b>Biomass</b>	
<b>Cap</b>	The cap is set at 1,500,000 m <sup>2</sup> of captive surface (Art. 12, c. 1, DM 11/04/08)	



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<b>Eligibility period</b>	Tariffs are provided for 25 years (Art. 6, c. 1, DM 11/04/08).	
<b>Addressees</b>	<b>Entitled Party:</b> Operators of CSP installations (physical and juridical entities) (Art. 3, DM 11/04/08). <b>Obligated party:</b> The obligated party is GSE S.p.a. – Manager of electricity services (Art. 1 ARG/elt 95/08)	
<b>Procedure</b>	<b>Process flow</b>	The plant operator files a request. Subsequently, and in agreement with the regulator and the grid operator, the plant operator builds a plant and a connecting line, and communicates the end of works to the GSE. Within 60 days, the plant operator must send in all documentation indicated in Annex 1 of DM 11/04/08. Within 60 days, the GSE communicates the tariff to the plant operator (Art. 5 DM 11/04/08).
	<b>Competent authority</b>	GSE S.p.a. – Manager of electricity services (Art. 1 ARG/elt 95/08)
<b>Flexibility Mechanism</b>		
<b>Distribution of costs</b>	<b>State</b>	
	<b>Consumers</b>	The costs of the premium tariff are borne by the consumers via the electricity bill.
	<b>Plant operator</b>	
	<b>Grid operator</b>	
	<b>European Union</b>	



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	<b>Distribution mechanism</b>	The system costs paid by the consumers are transferred to the Fund for the Promotion of Renewable Energy Plants (Conto per nuovi impianti da fonti rinnovabili ed assimilate), which is managed by GSE (Art. 11, c.1 ARG/elt 95/08).
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### Quota system (Certificati verdi)

<b>Abbreviated form of legal source(s)</b>	<ul style="list-style-type: none"> <li>• L 99/09</li> <li>• L 244/07</li> <li>• DL 79/99</li> <li>• DL 387/03</li> <li>• DM 18/12/08</li> <li>• DM 14/03/03</li> </ul>
<b>Summary</b>	<p>Under this system, producers and importers of electricity are obliged to prove that a certain quota of the electricity supplied by them was generated from renewable energy sources. On the one hand, electricity producers may satisfy this obligation by generating "green electricity", which is rewarded with tradable green certificates (certificati verdi). On the other hand, they may satisfy the quota by purchasing green certificates. The producers are obliged to prove to GSE (Gestore Servizi Elettrici) that they have satisfied the quota. The certificates are issued by GSE, which acts as a supervisor and regulates the market by purchasing excess certificates or selling additional certificates (Art. 14 DM 18/12/08). The certificate system may be combined with other support instruments, except for the premium tariff for photovoltaic installations (conto energia) and the feed-in tariff for electricity from renewable energy (except photovoltaic energy below 1 MW per year, tariffa omnicomprensiva), (Art. 2 par. 145 L 244/07).</p> <p>This scheme will not be applicable for plants put into operation from 1 January 2013 (Art. 25, c. 11, l. b DL 28/11). A ministerial decree outlining a new support system and provisions related to the transition from this system to the other was supposed to be published no later than on 30 September 2011 (Art. 24, c. 5, 6 DL 28/11), however up to date this decree has not been published. Eligible plants put into operation prior to 31 December 2012 will still receive incentives under this scheme for the</p>



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	whole eligibility period (Art. 25, c. 7, 8 DL 28/11).	
<b>Eligible technologies</b>	<b>General information</b>	Except for solar energy generation, all renewable energy generation technologies are eligible for the green certificate system. Hybrid plants are also eligible (Art. 9 DM 18/12/08). Certificates are issued only if the power generation plant has received an IAFR (impianto a fonti rinnovabili) certificate from the GSE (Art. 3 par. 3 DM 18/12/08).
	<b>Wind energy</b>	Eligible; the annual output must exceed 200 kW (Art. 2 par. 144 L 244/07).
	<b>Solar energy</b>	Photovoltaic installations commissioned after 31 December 2007 are eligible for Conto Energia only (Art. 2 par. 143 L 244/07).
	<b>Geothermal energy</b>	Eligible (Art. 2 par. 144 L 244/07).
	<b>Biogas</b>	Eligible (Art. 2 par. 144 L 244/07).
	<b>Hydro-power</b>	Eligible (hydro, tidal and wave) (Art. 2 par. 144 L 244/07).
	<b>Biomass</b>	Eligible (Art. 2 par. 144 L 244/07).
<b>Amount</b>	<b>Amount of quota and period of application</b>	<p>The percentage of renewable energy in electricity production for 2012 is 7.55 % per 100 GWh (see homepage of GSE: <a href="http://www.gse.it/it/comunicazione/GSE_Documenti/Guida%20Fonti%20Rinnovabili.pdf">http://www.gse.it/it/comunicazione/GSE_Documenti/Guida%20Fonti%20Rinnovabili.pdf</a>).</p> <p>The eligibility period depends on the date of commissioning (this also applies to plant renewal, capacity upgrades and re-commissioning):</p> <ul style="list-style-type: none"> <li>Plants commissioned between 1 April 1999 and 31 December</li> </ul>



		<p>2007 receive certificates for a period of 12 years (Art. 2 par. 151 L 244/07).</p> <ul style="list-style-type: none"> <li>Plants commissioned after 31 December 2007 whose yearly average nominal power exceeds 1 MW (0,2 MW for wind energy) receive certificates for a period of 15 years (Art. 2 par. 143, 144 L 244/07 and Art. 10 par 1 DM 18/12/08).</li> <li>Plants commissioned after 30 June 2009 will be eligible for the same eligibility period, unless they receive other national, regional, local or European public subsidies (Art. 2 par. 152 L 244/07).</li> <li>Plants commissioned after 1 January 2013 will not be eligible for this support scheme. The new support scheme for such plants was supposed to be published in a ministerial decree before 30 September 2011 (Art. 24, c. 5, 6 DL 28/11), however this decree has not yet been published.</li> </ul>
	<p><b>Adjustment of quotas</b></p>	<ul style="list-style-type: none"> <li><b>2007 to 2012.</b> The quota increases by 0.75 percentage points and depends on the electricity produced and imported in the previous year.</li> <li><b>Every three years,</b> the quota system is planned to be amended by the GSE (Art. 2 par 143 L 244/07)</li> <li><b>From 2012 onwards,</b> the quota (7.55 % in 2012) will be subject to a linear decrease until becoming equal to 0 in 2015 (Art. 25, c. 3 DL 28/11).</li> </ul>
	<p><b>Number of certificates according to technology</b></p>	<p><b>Value of certificates.</b> Since 2008, the value of one certificate has been 1 MWh. However, the value of a certificate may be altered by a decree of the Ministry of Economic Development. For plants put into</p>



		<p>operation in 2008, the number of certificates is based on the net production in the previous year, which is multiplied with a certain coefficient (Art. 2 par 147, 148 L 244/07).</p> <ul style="list-style-type: none"><li>• Wind energy: The coefficient is 1 for plants whose output exceeds 200 kW (Art. 2 par.144 L 244/07). The coefficient for offshore plants (no minimum kW requirement) is 1.5 (Art. 42 par. 4 a L 99/09).</li><li>• Geothermal energy: The coefficient is 0.9 (Art. 2 par. 144 L 244/07).</li><li>• Biomass:<ul style="list-style-type: none"><li>○ The coefficient is 1.3 for biomass that does not come under the categories mentioned below and is not recyclable waste (Art. 42 par. 4 L 99/09).</li><li>○ Biomass and biogas from agricultural, livestock and forestry products produced within 70 kilometers of a given power station (filiera corta) have a coefficient of 1.8 (see homepage of GSE: <a href="http://www.gse.it/it/comunicazione/GSE_Documenti/Guida%20Fonti%20Rinnovabili.pdf">http://www.gse.it/it/comunicazione/GSE_Documenti/Guida%20Fonti%20Rinnovabili.pdf</a>).</li><li>○ Landfill gas, gas resulting from exhaust purification, and other types of biogas have a coefficient of 0.8 (Art. 2 par.144 L 244/07).</li></ul></li><li>• Hydro-electricity: The coefficient is 1.8 for wave and tidal power stations and 1 for hydraulic power stations (Art. 2 par.144 L 244/07).</li></ul>
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	<b>Minimum price per certificate</b>	
	<b>Fees and penalty charges</b>	Where the obligated party fails to submit the required amount of certificates and to buy them ex post, GSE (Gestore Servizi Elettrici) will inform the energy authority (Art. 13 par. 4 DM 18/12/08), which issues a warning and may even impose sanctions (Art. 4, par 2 DL 387/03). Sanctions are subject to the provisions of Regulation No. 481 of 14 November 1995 and its amendments (Art. 4 par. 2 DL 387/03). GSE shall report the names of those electricity producers that fail to satisfy the quota to the regulatory authority AEEG, which can impose sanctions (Art. 13 par. 4 DM 18/12/08).
	<b>Yearly Average Certificate Price</b>	The average prices for 2010 and 2011 have been <ul style="list-style-type: none"> <li>• 2010: € 85.85 per MWh</li> <li>• 2011: € 81.06 per MWh</li> <li>• 2012 (provisional): € 72.20 per MWh</li> </ul>
<b>Eligibility period</b>		
<b>International applicability</b>	<b>International certificate trade</b>	
	<b>Flexibility Mechanism</b>	
<b>Addressees</b>	All those importing or producing more than 100 GWh of electricity per year are obliged to satisfy the national quota (Art. 11 par. 1, 2 DL 79/99).	
<b>Procedure</b>	<b>Process flow</b>	Electricity producers and importers shall submit to the supervising authority GSE the number of certificates necessary to satisfy their quota of produced or imported energy (Art. 7.1 DM 24/10/05) by March 31st each year. They shall attach to the certificates a



declaration stating the amount of non-renewable energy imported or produced (Art. 8 par. 1 DM 18/12/08). The quota obligation may be satisfied as follows:

- **Own generation of electricity.** Enterprises may generate the electricity required for the green certificates themselves (Art. 2 par. 144 L 244/07).
- **Purchase of certificates ex ante.** Obligated persons may purchase green certificates either directly from private producers of electricity from renewable sources or in the market. Certificates are traded at GME (Gestore dei Mercati Energetici) every week (Art. 87 DM 14/03/03, see homepage of [www.mercatoelettrico.org/En/Mercati/CV/ComeOperareCV.aspx](http://www.mercatoelettrico.org/En/Mercati/CV/ComeOperareCV.aspx)). Only those certificates registered in GSE's index may be purchased and sold (Art. 88 par. 5 DM 14/03/03). The transaction procedure is described in detail in statutory law. GME plays an important mediating role (Art. 91-93 DM 14/03/03). Since 30 September 2009, plant operators have been obliged to submit to GSE "a preventivo" guarantees for the equivalent amount of energy or a bank guarantee to be able to purchase green certificates (Art. 11 par. 1 l. b, and arts. 5-9 DM 18/12/08).
- **Purchase of certificates ex post.** If GSE notices that the number of certificates submitted by a given producer is insufficient, the producer shall compensate for the difference by purchasing additional certificates (Art. 11 par. 1 a, and art.



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		4 DM 18/12/08).
	<b>Competent authority</b>	GSE
<b>Distribution of costs</b>	<b>State</b>	
	<b>Consumers</b>	Green certificates create additional costs to producers and importers. These costs are mirrored by the market prices for electricity.
	<b>Plant operator</b>	
	<b>Grid operator</b>	
	<b>European Union</b>	
	<b>Distribution mechanism</b>	

### Net-Metering (scambio sul posto)

<b>Abbreviated form of legal source(s)</b>	<ul style="list-style-type: none"> <li>• L 99/09</li> <li>• DL 387/03</li> <li>• ARG/elt 74/08</li> </ul>
<b>Summary</b>	<p>In Italy, RES-E producers can make use of net-metering ("Scambio Sul Posto") if their plant's capacity is lower than 20 kW (20 kW to 200 kW if commissioned after 31 December 2007) This possibility may be taken instead of the tariffa onnicomprensiva or the sale of electricity in the free market or in the market governed by "Ritiro Dedicato". Scambio Sul Posto may be combined with the green certificates and the Conto Energia scheme (see <a href="http://www.nextville.it/index/668">www.nextville.it/index/668</a>). The principle of Scambio sul Posto is not based on direct payments but on the balance of the energy fed in and consumed (Art. 1, 2 ARG/elt 74/08). Scambio sul posto in accordance with ARG/elt 74/08 differs from traditional net metering, as the plant operator pays the supplier for the electricity consumed, while GSE (Gestore Servizi Elettrici) gives credit for the electricity fed in. This method can lead to a surplus on behalf of the plant operator (Art. 1 par. 1 a ARG/elt 74/08). The balance is calculated once a year (Art. 6 par. 2 ARG/elt</p>



	<p>74/08). Precisely, the owner of such plants will receive a compensation equal to the difference between the value of electricity exported to the grid (e.g. for PV installations the energy fed in during daytime) and the value of the electricity consumed in a different period. If more energy is fed in than is consumed, this positive balance can compensate for a possible negative balance in the following years (Art. 5 ARG/elt 74/08). Generators who feed in more electricity than they consume do not receive any payment under the net metering scheme. If they feed in less than they consume, the difference is subject to a payment. Plant operators receive credit for electricity produced but not consumed. This credit will be available for an unlimited period of time (Art. 5 par. 6 ARG/elt 74/08).</p>	
<p><b>Eligible technologies</b></p>	<p><b>General information</b></p>	<p>All plants generating up to 20 kW are eligible, regardless of the technology used. Furthermore, plants generating 20 kW to 200 kW are eligible if commissioned after 31 December 2007. Since 1 January 2009, Scambio Sul Posto also applies to CHP stations with an output of up to 200 KW (Art. 2 par. 2 ARG/elt 74/08).</p> <p>In order for Scambio Sul Posto to apply, electricity must be supplied to and received from the grid at one and the same connection point (Art. 1 ARG/elt 74/08). L 99/09 was introduced to enable municipalities with less than 20,000 inhabitants to make use of net metering without being obliged to use the same connection point to supply and receive electricity (Art. 27 par. 4 L 99/09).</p>
	<p><b>Wind energy</b></p>	<p>Eligible (Art. 2 DL 387/03).</p>
	<p><b>Solar energy</b></p>	<p>Eligible (Art. 2 DL 387/03).</p>
	<p><b>Geothermal energy</b></p>	<p>Eligible (Art. 2 DL 387/03).</p>
	<p><b>Biogas</b></p>	<p>Eligible (Art. 2 DL 387/03).</p>



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	<b>Hydro-power</b>	Eligible (hydro, tidal and wave) (Art. 2 DL 387/03).
	<b>Biomass</b>	Eligible (Art. 2 DL 387/03).
<b>Amount</b>	Plant operators receive as much energy for free as they produce (Art. 5 par. 2 ARG/elt 74/08). For this reason, scambio sul posto is cost-effective only if the amount of electricity produced does not substantially exceed the amount consumed. In case the electricity fed in the grid is more than the one taken from the grid, plant operators are entitled to have an economic compensation, based on the formulas in Art. 5, ARG/elt 74/08.	
<b>Addressees</b>	<p><b>Entitled party.</b> The persons entitled are the operators of renewable energy plants with a capacity of up to 20 kW. Since 1 January 2009, operators of plants with a capacity of 20 kW to 200 kW and high-efficiency CHP stations with a capacity of up to 200 kW are also eligible (Art. 2 ARG/elt 74/08).</p> <p><b>Obligated party.</b> The obligated party is GSE (Gestore Servizi Elettrici) (Art. 3 par. 1 ARG/elt 74/08). GSE is also responsible for measuring the electricity exported to the grid (Art. 5 par. 1 ARG/elt 74/08).</p>	
<b>Procedure</b>	<b>Process flow</b>	A given plant operator is contractually entitled to net-metering against the grid operator. Plant operators shall submit an application as defined by the GSE. Applications are assessed by the directorate of the Regulatory Authority for Electricity and Gas (AEEG) (Art. 3 par. 2 ARG/elt 74/08).
	<b>Competent authority</b>	GSE assesses the information and data submitted by the producers (Art. 7 ARG/elt 74/08).
<b>Flexibility Mechanism</b>		
<b>Distribution of costs</b>	<b>State</b>	
	<b>Consumers</b>	



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	<b>Plant operator</b>	<p>The operators of renewable energy plants are obliged to pay an annual fee per connection point to cover the grid operator's administrative costs</p> <ul style="list-style-type: none"><li>• € 15 for plants with capacity below 3 kW</li><li>• € 30 for plants with capacity between 3 and 20 kW</li><li>• € 45 for plants with capacity above 20 kW (Art. 6 par. 1 c ARG/elt 74/08).</li></ul>
	<b>Grid operator</b>	
	<b>European Union</b>	
	<b>Distribution mechanism</b>	



**Tax regulation mechanisms I (Reduction in value-added tax)**

<b>Abbreviated form of legal source(s)</b>	<ul style="list-style-type: none"> <li>DPR 633/72</li> </ul>	
<b>Summary</b>	<p>Since 1993, Italy has promoted the generation of electricity from wind and solar energy through a reduction of 10 % on the value-added tax (l'aliquota agevolata del 10 per cento) for deliveries and services related to investments in wind power plants and solar energy installations and investments in grids that distribute this electricity.</p>	
<b>Eligible technologies</b>	<b>General information</b>	<p>Investments in wind power plants and solar energy installations and investments in grids that distribute this electricity are eligible (Art. 127-quinquies DPR 633/72, table A).</p>
	<b>Wind energy</b>	<p>Eligible.</p>
	<b>Solar energy</b>	<p>Eligible.</p>
	<b>Geothermal energy</b>	
	<b>Biogas</b>	
	<b>Hydro-power</b>	
	<b>Biomass</b>	
<b>Amount</b>	<p>The reduced value-added tax rate is 10 % (instead of 20 %).</p>	



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<b>Addressees</b>	<b>Entitled party.</b> The entities entitled are private individuals (Art. 1 DPR 633/72).	
<b>Procedure</b>	<b>Process flow</b>	The entitled parties will be directly charged with the lower VAT.
	<b>Competent authority</b>	
<b>Flexibility Mechanism</b>		
<b>Distribution of costs</b>	<b>State</b>	The reduced VAT rate on deliveries and services related to investments in renewable energy plants leads to a lower state revenue, which is compensated for by other revenue.
	<b>Consumers</b>	
	<b>Plant operator</b>	
	<b>Grid operator</b>	
	<b>European Union</b>	
	<b>Distribution mechanism</b>	



**Tax regulation mechanisms II (Reduction in real estate tax)**

<b>Abbreviated form of legal source(s)</b>	<ul style="list-style-type: none"> <li>L 244/07</li> </ul>	
<b>Summary</b>	<p>The Budget Act of 2008 gives municipalities the opportunity to grant a reduction in real estate tax (imposta comunale sugli immobili, ICI) to buildings equipped with renewable energy plants from 2009 onwards. The amount of ICI depends on the value of the property and differs from municipality to municipality. The ICI is levied on secondary and luxury residences only.</p>	
<b>Eligible technologies</b>	<b>General information</b>	<p>All technologies used for the generation of electric and thermal energy for domestic use, provided that the energy produced within the property in question, are eligible for this tax benefit (Art. 1, c.6, l.a. L 244/07).</p>
	<b>Wind energy</b>	<p>Eligible.</p>
	<b>Solar energy</b>	<p>Eligible.</p>
	<b>Geothermal energy</b>	<p>Eligible.</p>
	<b>Biogas</b>	<p>Eligible.</p>
	<b>Hydro-power</b>	<p>Eligible.</p>
	<b>Biomass</b>	<p>Eligible.</p>
<b>Amount</b>	<p>The reduced real estate tax amounts to less than 0.4 percent. The reduction is valid for a maximum period of five years starting at the date of installation of the plant (Art. 1, c.6, l.a. L 244/07). This tax is determined at city council level.</p>	



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<b>Addressees</b>	<b>Entitled party.</b> The entitled party is the owner or proprietor of the property (soggetto passivo), even if neither his place of residence nor place of work nor administrative or principal company office is within Italy. In May 2008, the government abolished the real estate tax on principal residences. This means that the ICI is levied on secondary and luxury residences only.	
	<b>Obligated party.</b> The obligated entities are Italian municipalities.	
<b>Procedure</b>	<b>Process flow</b>	The real estate tax is levied annually.
	<b>Competent authority</b>	The entities obligated are Italian municipalities.
<b>Flexibility Mechanism</b>		
<b>Distribution of costs</b>	<b>State</b>	The real estate tax reduction causes revenue losses for municipalities.
	<b>Consumers</b>	
	<b>Plant operator</b>	
	<b>Grid operator</b>	
	<b>European Union</b>	
	<b>Distribution mechanism</b>	



## RES-E grid issues

### Overview

<b>Overview of grid issues</b>	In Italy, grid operators are obliged to give priority access to renewable energy plants in the operation of their grids. They are also obliged to give priority dispatch to electricity from renewable sources. Plant operators may request their grid operator to expand the grid if the connection of a plant requires this expansion.
<b>Connection to the grid</b>	Plant operators are contractually entitled against the grid operator to priority connection of a renewable energy plant. The grid operator is obliged to enter into this contract.
<b>Use of the grid</b>	Plant operators are contractually entitled to usage of the grid. Electricity from renewable sources shall be granted priority use of the grids, provided that the electricity achieves the same price on the market and the security of the national energy grid can be guaranteed.
<b>Grid expansion</b>	A plant operator applying for connection is contractually entitled against the grid operator to a grid expansion, if the expansion is necessary to satisfy the claim for connection to the grid. As renewable energy plants must be given priority connection, a grid expansion necessary to connect such a plant must also be given priority.
<b>Statutory provisions</b>	<ul style="list-style-type: none"> <li>• DL 28/11 (Decreto Legislativo 3 marzo 2011, n. 28. Attuazione della direttiva 2009/28/CE sulla promozione dell'uso dell'energia da fonti rinnovabili recante modifica e successiva abrogazione delle direttive 2001/77/CE e 2003/30/CE - Legislative Decree 3 March 2011, n. 28. Implementation of directive 2009/28/CE on Promotion of Use of Energy from Renewable Energy Sources modifying and repealing Directives 2001/77/CE and 2003/30/CE)</li> <li>• DL 79/99 (Decreto Legislativo 16 marzo 1999, n. 79. „Decreto Bersani“ – Legislative Decree containing Provisions on Access to the Grid)</li> <li>• DL 387/03 (Decreto Legislativo 29 dicembre 2003, n. 387. Attuazione della direttiva 2001/77/CE relativa alla promozione dell'energia elettrica prodotta da fonti energetiche rinnovabili nel mercato interno dell'elettricità – Decree for the Promotion of Renewable Energy)</li> <li>• AEEG 111/06 (Delibera n. 111/06 Condizioni per l'erogazione del pubblico servizio di dispacciamento dell'energia elettrica sul territorio nazionale – Resolution on the Dispatch of Electricity on the National Level)</li> <li>• AEEG 330/07 (Deliberazione 18 dicembre 2007 Condizioni per la gestione della prioritari di dispacciamento relativa ad</li> </ul>



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	<p>impianti di produzione da fonti rinnovabili – Resolution on Priority Dispatch for Renewable Energy)</p> <ul style="list-style-type: none"><li>• ARG/elt 99/08 (Deliberazione 23 luglio 2008 - ARG/elt 99/08. Testo integrato delle condizioni tecniche ed economiche per la connessione alle reti elettriche – Resolution on the Terms and Conditions for Access to the Grid)</li><li>• ARG/elt 123/08 (Delibera ARG/elt 123/08. Procedura per la risoluzione delle controversie tra produttori e gestori di rete – Resolution on the Settlement of Disputes Between Producers and Grid Operators)</li></ul>
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**Basic information on legal sources**

<b>Name of legal source (original language)</b>	Decreto Legislativo 3 marzo 2011, n. 28.	Decreto Legislativo 16 marzo 1999, n. 79.	Decreto Legislativo 29 dicembre 2003, n. 387.
<b>Full name</b>	Decreto Legislativo 3 marzo 2011, n. 28. Attuazione della direttiva 2009/28/CE sulla promozione dell'uso dell'energia da fonti rinnovabili recante modifica e successiva abrogazione delle direttive 2001/77/CE e 2003/30/CE	Decreto Legislativo 16 marzo 1999, n. 79. Attuazione della direttiva 96/92/CE recante norme comuni per il mercato interno dell'energia elettrica. „Decreto Bersani“	Decreto Legislativo 29 dicembre 2003, n. 387. Attuazione della direttiva 2001/77/CE relativa alla promozione dell'energia elettrica prodotta da fonti energetiche rinnovabili nel mercato interno dell'elettricità.
<b>Name (English)</b>	Legislative Decree 3 March 2011, no. 28. Implementation of Directive 2009/28/CE on Promotion of Use of Energy from Renewable Energy Sources modifying and Repealing Directives 2001/77/CE and 2003/30/CE	Legislative Decree No. 79 of 16 March 1999 implementing European Directive 96/92/EC Concerning Common Rules for the Internal Market in Electricity. “Decreto Bersani	Legislative Decree of 29 December 2003 implementing European Directive 2001/77/EC on the promotion of electricity produced from renewable energy sources in the internal electricity market
<b>Abbreviated form</b>	DL 28/11	DL 79/99	DL 387/03
<b>Entry into force</b>	29.03.2011	01.04.1999	15.02.2004
<b>Last amended on</b>	24.01.2012	20.07.2011	29.03.2011
<b>Future amendments</b>			
<b>Purpose</b>	To define instruments, mechanisms, incentives and the institutional, financial	Liberalising the energy market.	Implementing EU directive 2001/77/EC



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	<p>and legal frameworks necessary for achieving the 2020 goals as regards the total quota of renewable energy in final consumption and in transports.</p> <p>This legislative decree is the framework for radical changes in the Italian support schemes.</p>		and promoting renewable energy.
<b>Relevance for renewable energy</b>	This decree initiates changes in the support schemes for renewable energy in Italy.	The decree is the legal basis for the promotion of renewable energy through the quota system. It stipulates that producers and importers shall feed a certain quota of electricity from renewable sources to the grid from 2001 onwards. They can either produce this electricity themselves or purchase it. Furthermore, the decree includes provisions on access to the grid.	The decree creates a basic framework for the promotion of renewable energy. It establishes an observatory for renewable energy (Osservatorio nazionale sulle fonti rinnovabili e l'efficienza negli usi finali dell'energia).
<b>Link to full text of legal source (original language)</b>	<a href="http://www.governo.it/Governo/Provvedimenti/testo_int.asp?d=62612">http://www.governo.it/Governo/Provvedimenti/testo_int.asp?d=62612</a>	<a href="http://www.camera.it/parlam/leggi/deleghe/testi/99079dl.htm">http://www.camera.it/parlam/leggi/deleghe/testi/99079dl.htm</a>	<a href="http://www.camera.it/parlam/leggi/deleghe/testi/03387dl.htm">http://www.camera.it/parlam/leggi/deleghe/testi/03387dl.htm</a>
<b>Link to full text of legal source (English)</b>			



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<b>Name of legal source (original language)</b>	Delibera n. 111/06. Condizioni per l'erogazione del pubblico servizio di dispacciamento dell'energia elettrica sul territorio nazionale e per l'approvvigionamento delle relative risorse su base di merito economico, ai sensi degli articoli 3 e 5 del decreto legislativo 16 marzo 1999, n. 79	Deliberazione 18 dicembre 2007. Condizioni per la gestione della priorit� di dispacciamento relativa ad impianti di produzione da fonti rinnovabili in situazioni di criticita' del sistema elettrico nazionale (Deliberazione n. 330/2007)	Deliberazione 23 luglio 2008 - ARG/elt 99/08. Testo integrato delle condizioni tecniche ed economiche per la connessione alle reti elettriche con obbligo di connessione di terzi degli impianti di produzione di energia elettrica (Testo integrato delle connessioni attive – TICA)
<b>Full name</b>			
<b>Name (English)</b>	Resolution No. 111/06. Provisions for the supply by the public service regarding the distribution of electric energy on national territory and the supply of energy on an economic basis in pursuance of Articles 3 and 5 of DL 79/99	Resolution No. 330/07. Provisions for handling the priority dispatch of electricity from renewable sources in critical situations of the national electric system.	Resolution ARG/elt 99/08 of 23 July 2009. Integrated text on the technical and economic conditions for connection to the grid with the obligation of third parties to connect electricity generation plants (Integrated text of active connections – TICA)
<b>Abbreviated form</b>	AEEG 111/06	AEEG 330/07	ARG/elt 99/08
<b>Entry into force</b>	01.01.2007	21.12.2007	01.01.2009
<b>Last amended on</b>	30.12.2011		23.12.2011
<b>Future amendments</b>			
<b>Purpose</b>	Regulation of the distribution (dispacciamento) of energy in the national	Ensuring the priority of renewable energy whilst maintaining the security of the national	Annex A contains rules on access to the grid.



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	grid.	energy supply system.	
<b>Relevance for renewable energy</b>	Giving renewable energy priority access to the grid.	Giving renewable energy priority access to the grid.	This resolution also applies to the access of renewable energy plants to the grid.
<b>Link to full text of legal source (original language)</b>	<a href="http://www.autorita.energia.it/docs/06/111-06.htm">http://www.autorita.energia.it/docs/06/111-06.htm</a>	<a href="http://www.autorita.energia.it/docs/07/330-07.pdf">http://www.autorita.energia.it/docs/07/330-07.pdf</a>	<a href="http://www.autorita.energia.it/it/docs/08/099-08arg.htm">http://www.autorita.energia.it/it/docs/08/099-08arg.htm</a>
<b>Link to full text of legal source (English)</b>			



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<b>Name of legal source (original language)</b>	Delibera ARG/elt 123/08. Procedura per la risoluzione delle controversie tra produttori e gestori di rete, ai sensi dell'articolo 14, comma 2, lettera f-ter), del decreto legislativo 29 dicembre 2003, n. 387/03.		
<b>Full name</b>			
<b>Name (English)</b>	Resolution ARG/elt 123/08. Procedure for the settlement of disputes between producers and grid operators in accordance with art. 14 par. 2 item f-ter) of Legislative Decree No. 367/03 of 29 December 2003.		
<b>Abbreviated form</b>	ARG/elt 123/08		
<b>Entry into force</b>	17.09.2008		
<b>Last amended on</b>			
<b>Future amendments</b>			
<b>Purpose</b>	Annex A contains rules for the settlement of disputes between renewable electricity producers and grid operator about grid access.		
<b>Relevance for renewable energy</b>	The provisions apply to the producers of electricity from renewable sources.		
<b>Link to full text of legal source (original language)</b>	<a href="http://www.autorita.energia.it/it/docs/08/123-08arg.htm">http://www.autorita.energia.it/it/docs/08/123-08arg.htm</a>		
<b>Link to full text of legal source</b>			



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(English)			
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Further information

Institution (name)	Website	Name of contact person (optional)	Telephone number (head office)	E-mail (optional)
<b>Autorità per l'energia elettrica e il gas (AEEG) – Regulatory Authority for Electricity and Gas</b>	<a href="http://www.autorita.energia.it/it/inglese/index.htm">http://www.autorita.energia.it/it/inglese/index.htm</a>		+39 026 556 51	<a href="mailto:info@autorita.energia.it">info@autorita.energia.it</a>
<b>Terna S.p.A. Rete Elettrica Nazionale – transmission grid operator</b>	<a href="http://www.terna.it/default/home_en.aspx">http://www.terna.it/default/home_en.aspx</a>		+39 068 313 81 11	<a href="mailto:info@terna.it">info@terna.it</a>



**Grid issues**

**Connection to the grid**

<p><b>Abbreviated form of legal sources</b></p>	<ul style="list-style-type: none"> <li>• DL 79/99</li> <li>• ARG/elt 99/08</li> <li>• ARG/elt 123/08</li> <li>• DL 387/03</li> </ul>	
<p><b>Overview</b></p>	<p>Operators of renewable energy plants are entitled to be connected to the national electricity grid upon request (art. 3.1 and art. 9.1 DL 79/99). To this aim, the grid operator and a given plant operator conclude a contract (contratto per la connessione). The grid operator is obliged to enter into this contract (arts. 10.14 and 23.10 Annex 1 ARG/elt 99/08).</p> <p>All persons applying for connection are entitled to connection to the grid (art. 3.1 and art. 9.1 DL 79/99). This definition includes producers of electricity from renewable sources.</p> <p>The persons obligated are the transmission and distribution grid operators (art. 3.1 and 9.1 DL 79/99).</p>	
<p><b>Procedure</b></p>	<p><b>Process flow</b></p>	<p>Operators of renewable energy plants are entitled to be connected to the national electricity grid upon request (art. 3.1 and art. 9.1 DL 79/99). To this aim, the grid operator and a given plant operator conclude a contract (contratto per la connessione). The grid operator is obliged to enter into this contract (arts. 10.14 and 23.10 Annex 1 ARG/elt 99/08). The claim for connection to the grid arises at the date of the conclusion of the contract. When a given electricity producer comes into a conflict with the grid operator, he may request dispute resolution from the Market Directorate (Direzione Mercati) of the regulatory authority AEEG (art. 3 Annex A ARG/elt 123/08). The dispute settlement procedure is extensively described in Annex A ARG/elt 123/08.</p> <p>The procedure for connection consists of the following steps:</p> <ul style="list-style-type: none"> <li>• Application</li> <li>• Estimation of costs</li> <li>• Acceptance of cost estimate</li> <li>• Request for authorisation</li> <li>• Authorisation procedure</li> </ul>



	<p><b>Deadlines</b></p>	<ul style="list-style-type: none"> <li>• Commencement of works</li> <li>• Connection</li> </ul> <p><b>Response to applications with provision of estimate</b></p> <p>The grid operator must respond to applications for connection and submit an estimate of costs (preventivo per la connessione) within the following timescales:</p> <ul style="list-style-type: none"> <li>• 20 working days for capacities of up to 100 kW (art. 7.1 Annex A ARG/elt 99/08),</li> <li>• 45 working days for capacities from 100 kW to 1,000 kW(art. 7.1 Annex A ARG/elt 99/08),</li> <li>• 60 working days for capacities of more than 1,000 kW (art. 7.1 Annex A ARG/elt 99/08).</li> <li>• 90 working days for capacities of more than 10,000 kW (art. 19.3 Annex A ARG/elt 99/08 and Terna Network Code, art. 1A .5.2.1)</li> </ul> <p><b>Acceptance of the cost estimate</b></p> <p>The applicant must communicate the acceptance of the cost estimate within:</p> <ul style="list-style-type: none"> <li>• 45 days for capacities under 10,000 kW (art. 7.2 Annex A ARG/elt 99/08),</li> <li>• 120 days for capacities of more than 10,000 kW (art. 19.4 Annex A ARG/elt 99/08 and Terna Network Code, art. 1A .5.3.1)</li> </ul> <p><b>Requests of authorisations</b></p> <ul style="list-style-type: none"> <li>• Applicant             <ul style="list-style-type: none"> <li>○ Request of authorisation for construction and operation of the plant and/or request of initiation of the authorisation procedures                 <ul style="list-style-type: none"> <li>▪ Low voltage: within 60 working days (arts. 9.3, 9.5 Annex A ARG/elt 99/08);</li> <li>▪ Medium voltage: within 90 working days (arts. 9.3, 9.5 Annex A ARG/elt 99/08);</li> <li>▪ High voltage: within 120 working days (arts. 21.3, 21.5 Annex A ARG/elt 99/08);</li> </ul> </li> </ul> </li> </ul>
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		<ul style="list-style-type: none"><li>▪ Extra high voltage: within 180 working days (arts. 21.3, 21.5 Annex A ARG/elt 99/08).</li></ul> <ul style="list-style-type: none"><li>• Operator<ul style="list-style-type: none"><li>○ Request of authorisation for construction of the connection plant and grid expansion, where necessary<ul style="list-style-type: none"><li>▪ Low voltage: within 30 working days (art. 9.6 Annex A ARG/elt 99/08);</li><li>▪ Medium voltage: within 60 working days (art. 9.6 Annex A ARG/elt 99/08);</li><li>▪ High voltage: within 90 working days (art. 21.6 Annex A ARG/elt 99/08);</li><li>▪ Extra high voltage: within 120 working days (art. 21.6 Annex A ARG/elt 99/08).</li></ul></li></ul></li></ul> <p><b>Authorisation procedure</b></p> <p>The authorisation procedure is ruled under a comprehensive procedure (“procedimento unico”) in which all involved administrations participate. This procedure starts within 30 days from the date in which the request of authorisation is received (Art. 12, c. 3 DL 387/03) and can last up to a maximum of 90 days, excluding additional time needed for carrying out specific verifications, where necessary (Art. 12, c. 4 DL 387/03),</p> <p><b>Initiation of works</b></p> <p>The Applicant is obliged to start the construction of the production plant within</p> <ul style="list-style-type: none"><li>• 6 months for connections in low voltage;</li><li>• 12 months for connections in medium voltage;</li><li>• 18 months for connections in high or extra high voltage (art. 31.1 Annex A ARG/elt 99/08).</li></ul> <p><b>Connection</b></p> <ul style="list-style-type: none"><li>• The distribution grid operator must connect a plant within the following</li></ul>
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		<p>timescales:</p> <ul style="list-style-type: none"> <li>○ 30 working days for basic works (art. 10.1.a Annex A ARG/elt 99/08),</li> <li>○ 90 working days for complex procedures, plus 15 working days for every kilometre of connection line except the first kilometre (art. 10.1.a Annex A ARG/elt 99/08).</li> <li>● The transmission grid operator must connect a plant within the timescales specified in his terms and conditions (art. 23.1 Annex A ARG/elt 99/08 and Terna Network Code, art. 1A .5.8.4).</li> </ul>
	<b>Obligation to inform</b>	
<b>Priority to renewable energy (qualitative criteria)</b>	<input checked="" type="checkbox"/> Priority to renewable energy <input type="checkbox"/> Non-discrimination	Applications for the connection of renewable energy plants to the transmission or distribution grid must be given priority treatment and renewable energy plants must be given priority connection (arts. 13.1 and 29.1 Annex A ARG/elt 99/08).
<b>Capacity limits (quantitative criteria)</b>	Works on the grid aimed at allowing connection of a plant are automatically considered in the connection process (arts. 8.2.c and 20.2.c Annex A ARG/elt 99/08).	
<b>Distribution of costs</b>	<b>State</b>	
	<b>Consumers</b>	
	<b>Grid operator</b>	
	<b>Plant operator</b>	<p>The costs of connection are borne by the applicant for connection. Renewable energy plants are subject to lower connection fees than plants fuelled by conventional sources.</p> <ul style="list-style-type: none"> <li>● The fee to be paid for connection to the <b>distribution grid</b> is calculated by the formulas set out in art. 12 Annex A ARG/elt 99/08.</li> <li>● The following fees must be paid for connection to the <b>transmission grid</b>:             <ul style="list-style-type: none"> <li>○ a fee for the development of the technical solution (art. 25.1 Annex A ARG/elt 99/08)</li> </ul> </li> </ul>



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		○ a fee for connection to the grid (art. 25.2 Annex A ARG/elt 99/08).
	<b>European Union</b>	
	<b>Distribution mechanism</b>	

### Use of the grid

<b>Abbreviated form of legal sources</b>	<ul style="list-style-type: none"> <li>• AEEG 111/06</li> <li>• AEEG 330/07</li> <li>• DL 79/99</li> </ul>	
<b>Overview</b>	<p>Plant operators are contractually entitled against the grid operator – TERNA (contratto per il servizio di dispacciamento) for the transmission of electricity (art. 4 AEEG 111/06).</p> <p><b>Entitled party.</b> All energy producers whose application for connection to the grid was accepted are eligible.</p> <p><b>Obligated party.</b> Transmission and distribution grid operators are obligated to transmit electricity (art. 4 AEEG 111/06).</p>	
<b>Procedure</b>	<b>Process flow</b>	Plant operators are contractually entitled against grid operator TERNA (contratto per il servizio di dispacciamento) to the transmission of electricity (art. 4 AEEG 111/06). The claim for connection to the grid arises at the date of the conclusion of the contract.
	<b>Deadlines</b>	
	<b>Obligation to inform</b>	
<b>Priority to renewable energy (qualitative criteria)</b>	<p>( x ) Priority to renewable energy</p> <p>( ) Non-discrimination</p>	The grid operator is obliged to grant priority transmission (utilizzazione prioritaria) to electricity from renewable sources (art. 3.3 DL 79/99). In detail, priority shall be granted as follows: If several plant operators offer their electricity at the same price, the transmission of electricity shall be given priority as long as grid security can be



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		maintained (diritti di utilizzo della capacità di trasporto nel mercato). Electricity generated from intermittent sources (wind, solar and geothermal energy, running waters, biogas) has the highest priority, fully controllable sources as used by CHP and CIP6 stations have the second highest priority (art. 30.7 and 31.7 Annex A AEEG 111/06).
<b>Curtailement</b>	For reasons of security of the national energy grid, capacity limits may be imposed (art. 3.a AEEG 330/07).	
<b>Distribution of costs</b>	<b>State</b>	
	<b>Consumers</b>	The costs of grid use are borne by final consumers in accordance with the provisions of Arts. 40-48 Annex A AEEG 111/06.
	<b>Grid operator</b>	
	<b>Plant operator</b>	
	<b>European Union</b>	
	<b>Distribution mechanism</b>	



Grid expansion

<p><b>Abbreviated form of legal source</b></p>	<ul style="list-style-type: none"> <li>• DL 79/99</li> <li>• ARG/elt 99/08</li> <li>• ARG/elt 123/08</li> </ul>	
<p><b>Overview</b></p>	<p>A given applicant is entitled against the grid operator to the expansion of the grid, if this expansion is required to satisfy the claim for connection to the grid (art 7.3 and art. 19.1 Annex A ARG/elt 99/08 in conjunction with art. 3.1 and art. 9.1 DL 79/99).</p> <p><b>Entitled party.</b> All persons applying for connection are entitled to connection to and by that also to the expansion of the grid, which might be necessary for connection (art. 3.1 and art. 9.1 DL 79/99). This definition includes producers of electricity from renewable sources.</p> <p><b>Obligated party.</b> The obligated party is the grid operator (art 3.1 and 9.1 DL 79/99).</p>	
<p><b>Procedure</b></p>	<p><b>Process flow</b></p>	<p>A given applicant is entitled against the grid operator to the expansion of the grid, if this expansion is required to satisfy the claim for connection to the grid (art 7.3 and art. 19.1 Annex A ARG/elt 99/08 in conjunction with art. 3.1 and art. 9.1 DL 79/99).</p>
	<p><b>Enforcement of claims</b></p>	<p>The claims for connection to the grid and for the expansion of the grid, which might be necessary for connection, arise on the date of conclusion of the contract with the grid operator. When a given electricity producer comes into a conflict with the grid operator, he may request dispute resolution from the Market Directorate (Direzione mercati) of regulatory authority AEEG (art. 3 Annex A ARG/elt 123/08). The dispute settlement procedure is extensively described in Annex A ARG7elt 123/08.</p>
	<p><b>Deadlines</b></p>	<ul style="list-style-type: none"> <li>• The distribution grid operator must connect a plant within the following timescales:             <ul style="list-style-type: none"> <li>○ 30 working days for basic works (art. 10.1.a Annex A ARG/elt 99/08),</li> <li>○ 90 working days for complex procedures, plus 15 working days for every kilometre of connection line except the first kilometre (art.</li> </ul> </li> </ul>



		<p>10.1.a Annex A ARG/elt 99/08).</p> <ul style="list-style-type: none"> <li>The transmission grid operator must connect a plant within the timescales specified in his terms and conditions (art. 23.1 Annex A ARG/elt 99/08 and Terna Network Code, art. 1A .5.8.4).</li> </ul>
	<b>Obligation to inform</b>	
<b>Regulatory incentives for grid expansion and innovation</b>		
<b>Distribution of costs</b>	<b>State</b>	
	<b>Consumers</b>	
	<b>Grid operator</b>	In the case of renewable energy sources, the grid operator bears the costs for expanding the grid. (Arts. 9, 21 and 26.2 ARG/elt 99/08).
	<b>Plant operator</b>	
	<b>European Union</b>	
	<b>Distribution mechanism</b>	
<b>Grid studies</b>		



## RES-H&C support schemes

### Summary of support schemes

<b>Overview</b>	In Italy, a tax regulation system is currently in place for the promotion of RES-H. In addition, a loan is also provided for the years 2012, 2013, 2014, for new installations.
<b>Summary of support schemes</b>	A tax regulation system is currently in place.
<b>Technologies</b>	<ul style="list-style-type: none"> <li>• Aerothermal</li> <li>• Biogas</li> <li>• Biomass</li> <li>• Geothermal</li> <li>• Solar Thermal</li> </ul>
<b>Statutory provisions</b>	<ul style="list-style-type: none"> <li>• Legge 27 Dicembre 2006, n. 296. Disposizioni per la formazione del bilancio annuale e pluriennale dello Stato. Legge finanziaria 2007</li> <li>• Legge 24 Dicembre 2007, n. 244. Disposizioni per la formazione del bilancio annuale e pluriennale dello Stato. Legge finanziaria 2008</li> <li>• Legge 13 Dicembre 2010, n. 220. Disposizioni per la formazione del bilancio annuale e pluriennale dello Stato. Legge di stabilità 2011.</li> <li>• Decreto Legge 6 Dicembre 2011, n. 201. Disposizioni urgenti per la crescita, 'equità e il consolidamento dei conti pubblici.</li> <li>• Decreto Ministeriale 28 novembre 2011, Disciplina delle modalità di erogazione dei finanziamenti a tasso agevolato ai sensi dell'articolo 1, comma 1110-1115, della legge 27 dicembre 2007, n. 296 - Fondo Rotativo per il finanziamento delle misure finalizzate all'attuazione del Protocollo di Kyoto.</li> <li>• Circolare del 16 febbraio 2012. Circolare attuativa, ex articolo 2, comma 1, lettera s), del Decreto del</li> </ul>



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	25 novembre 2008.
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**Basic information on legal sources**

<b>Name of legal source (original language)</b>	Legge 13 Dicembre 2010, n. 220.	Decreto Legge 6 Dicembre 2011, n. 201.	Decreto Ministeriale 28 novembre 2011,
<b>Full name</b>	Legge 13 Dicembre 2010, n. 220. Disposizioni per la formazione del bilancio annuale e pluriennale dello Stato. Legge di stabilità 2011.	Decreto Legge 6 Dicembre 2011, n. 201. Disposizioni urgenti per la crescita, 'equità e il consolidamento dei conti pubblici.	Decreto Ministeriale 28 novembre 2011, Disciplina delle modalità di erogazione dei finanziamenti a tasso agevolato ai sensi dell'articolo 1, comma 1110-1115, della legge 27 dicembre 2007, n. 296 - Fondo Rotativo per il finanziamento delle misure fi nalizzate all'attuazione del Protocollo di Kyoto.
<b>Name (English)</b>	Act No. 220 of 13 December 2010. Provisions on the formation of the annual budget. Budget Act of 2011.	Act. No. 201 of 6 December 2011. Urgent provisions for growth, equity and public budget stabilisation.	Ministerial Decree 28 November 2011, Regulation of the granting modalities of the financing at a subsidized rate as scheduled by Art. 1, c. 1110-1115 of l. 296/06.
<b>Abbreviated form</b>	L 220/10	DL 201/11	DM 25/11/08.
<b>Entry into force</b>	01.01.2011	06.12.2011	21.04.09
<b>Last amended on</b>	02.03.2012	02.03.2012	
<b>Future amendments</b>			



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<b>Purpose</b>	Budget act of 2011	Introduction of urgent measures for the economy	Regulating the loan set by l. 296/06.
<b>Relevance for renewable energy</b>	Art. 1, c. 1110-1115 establishes the “Fondo Rotativo per Kyoto” loan.  Article 1 c. 48 introduces changes to the treatment of solar thermal plants with respect to the provisions of L 296/06	Article 4 extends tax regulation mechanisms until 31 December 2012.	This loan allows subsidies for new investments in RES plants.
<b>Link to full text of legal source (original language)</b>	<a href="http://www.normattiva.it/atto/caricaDettaglioAtto?atto.dataPubblicazioneGazzetta=2010-12-21&amp;atto.codiceRedazionale=010G0238&amp;currentPage=1">http://www.normattiva.it/atto/caricaDettaglioAtto?atto.dataPubblicazioneGazzetta=2010-12-21&amp;atto.codiceRedazionale=010G0238&amp;currentPage=1</a>	<a href="http://www.normattiva.it/atto/caricaDettaglioAtto?atto.dataPubblicazioneGazzetta=2011-12-06&amp;atto.codiceRedazionale=011G0247&amp;currentPage=1">http://www.normattiva.it/atto/caricaDettaglioAtto?atto.dataPubblicazioneGazzetta=2011-12-06&amp;atto.codiceRedazionale=011G0247&amp;currentPage=1</a>	<a href="http://www.cassaddpp.it/content/groups/public/documents/ace_documenti/011338.pdf">http://www.cassaddpp.it/content/groups/public/documents/ace_documenti/011338.pdf</a>
<b>Link to full text of legal source (English)</b>			



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<b>Name of legal source (original language)</b>	Circolare del 16 febbraio 2012.	Legge 27 Dicembre 2006, n. 296.	Legge 24 Dicembre 2007, n. 244.
<b>Full name</b>	Circolare del 16 febbraio 2012. Circolare attuativa, ex articolo 2, comma 1, lettera s), del Decreto del 25 novembre 2008.	Legge 27 Dicembre 2006, n. 296. Disposizioni per la formazione del bilancio annuale e pluriennale dello Stato. Legge finanziaria 2007	Legge 24 Dicembre 2007, n. 244. Disposizioni per la formazione del bilancio annuale e pluriennale dello Stato. Legge finanziaria 2008
<b>Name (English)</b>	Communication of 16 February 2012. Enactment of Decree 25/11/08.	Act No. 296 of 27 December 2006. Provisions on the formation of the annual budget. Budget Act of 2007	Act No. 244 of 24 December 2007. Provisions on the formation of the annual budget. Budget Act of 2008
<b>Abbreviated form</b>	C 16/02/12	L 296/06	L 244/07
<b>Entry into force</b>	01.03.2012	01.01.2007	01.01.2008
<b>Last amended on</b>		09.02.2012	28.10.2011
<b>Future amendments</b>			(Art. 2, c. 13, and art. 3, c. 36: entered into force on 28-12-2007)
<b>Purpose</b>	To enact the fund regulated by DM 25/08/12	Budget act of 2007	Budget act of 2008
<b>Relevance for renewable energy</b>	To allow loans at a subsidized rate for RES.	Article 1, paragraphs 345-348 provide indications for tax deductions for RES-H plant installations in buildings. Article 1, c. 1110-1115 provides for the	Article 2, paragraphs 143 to 176 of the Budget Act introduces changes in the promotion of electricity from renewable sources and its supply to the grid.



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		establishment of the Kyoto Fund.	
Link to full text of legal source (original language)	<a href="http://www.cassaddpp.it/content/groups/public/documents/ace_documenti/011516.pdf">http://www.cassaddpp.it/content/groups/public/documents/ace_documenti/011516.pdf</a>	<a href="http://www.normattiva.it/atto/caricaDettaglioAtto?atto.dataPubblicazioneGazzetta=2006-12-27&amp;atto.codiceRedazionale=006G0318&amp;currentPage=1">http://www.normattiva.it/atto/caricaDettaglioAtto?atto.dataPubblicazioneGazzetta=2006-12-27&amp;atto.codiceRedazionale=006G0318&amp;currentPage=1</a>	<a href="http://www.parlamento.it/parlam/leggi/07244l.pdf">http://www.parlamento.it/parlam/leggi/07244l.pdf</a>
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)
Gestore dei Servizi Energetici	<a href="http://www.gse.it/it/Pages/default.aspx">http://www.gse.it/it/Pages/default.aspx</a>		+39 06.8011.43.88	<a href="mailto:rinnovabili@gse.it">rinnovabili@gse.it</a>
Agenzia delle Entrate	<a href="http://www.agenziaentrate.gov.it/wps/portal/entrate/home">http://www.agenziaentrate.gov.it/wps/portal/entrate/home</a>		+39 848.800.444	



**Support schemes**

**Loan (Fondo Kyoto)**

<p><b>Abbreviated form of legal source(s)</b></p>	<ul style="list-style-type: none"> <li>• L 296/06</li> <li>• DM 25/11/08</li> <li>• C 16/02/12</li> </ul>	
<p><b>Summary</b></p>	<p>The fund has a total amount of € 600 million, broken down in three equal parts for three years: 2012, 2013, 2014 (Art. 1, c. 1113, l. 296/06 in connection with Art. 1, c. 1-3, C 16/02/2012). The fund supports Biomass, biogas, geothermal and solar thermal plants.</p>	
<p><b>Eligible technologies</b></p>	<p><b>General information</b></p>	<p>Only new investments in renewable energy plants are eligible (Art. 6, c. 1 DM 25/11/08).</p> <p>Biomass, biogas, geothermal and solar thermal are eligible for this loan.</p>
	<p><b>Aerothermal</b></p>	
	<p><b>Hydrothermal</b></p>	
	<p><b>Biogas</b></p>	<p>Eligible:</p> <ul style="list-style-type: none"> <li>• Co-generating plants only, with a maximum capacity of 50 kWe (Art. 6, c. 2, l. a, DM 25/11/08);</li> </ul>
	<p><b>Biomass</b></p>	<p>Eligible:</p> <ul style="list-style-type: none"> <li>• Solid vegetable biomass plants with nominal thermal capacity between 45 and 450 kWt (Art. 6, c. 2, l. b, n. 4, DM 25/11/08);</li> </ul>



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		<ul style="list-style-type: none"> <li>• Co-generating plants using solid vegetable biomass or liquid biofuels of vegetable origin with maximum capacity of 50 kWe (Art. 6, c. 2, l. a, DM 25/11/08);</li> <li>• Co-generating plants using solid vegetable biomass or liquid biofuels of vegetable origin, with maximum capacity of 500 kWe and used for district heating and whose investment includes the district heating network and the connection to buildings (Art. 6, c. 2, l. d, n. 2, I, DM 25/11/08);</li> </ul>
	<b>Geothermal energy</b>	<p>Eligible:</p> <ul style="list-style-type: none"> <li>• Low enthalpy plants used for climatisation up to a size of 1 MWt (Art. 6, c. 2, l. d, n. 2, II, DM 25/11/08);</li> </ul>
	<b>Solar Thermal</b>	<p>Eligible:</p> <ul style="list-style-type: none"> <li>• Installation size must be below 200 m<sup>2</sup> (Art. 6, c. 2, l. b, n. 3, DM 25/11/08).</li> </ul>
<b>Amount</b>	<p>The maximum available loan depends on the nature of the subject and on the plant and size technology. The maximum loans are calculated according to those variables with the provisions set out in Art. 10, DM 25/11/08.</p> <p>The yearly nominal interest rate is set at 0.5 % (Art. 15 C 16/02/12 in connection with Art. 19, c. 1, DM 25/11/08), regardless of the rates offered on the market.</p>	
<b>Addressees</b>	<p><b>Entitled party:</b> companies, physical and legal entities, public entities can benefit from the loan. Only public entities can benefit from the loan from investments in Solar Thermal plants (Art. 5, DM 25/11/08).</p> <p><b>Obligated Party:</b> Ministry of environment, and safeguard of territory and sea, (Art. 3, c. 2, DM 25/11/08).</p>	
<b>Procedure</b>	<b>Process flow</b>	<p>The phases of the procedures are set out in Art. 14, c. 2, DM 25/11/08 and are:</p>



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		<p>1 – Filing of request                  2a – Preliminary investigation                  2b – Technical investigation                  2c – economic and financial investigation                  3 – Grant or denial</p>
	<b>Competent authority</b>	The Cassa Depositi e Prestiti S.p.a. (Art. 1, c. 1115, l 296/06).
<b>Flexibility mechanism</b>	This scheme can be paired with other sources of support, as long as current European regulations on the maximum intensity of support is respected (Art. 13, c. 1, DM 25/11/08).	
<b>Distribution of costs</b>	<b>State</b>	Costs are borne by the State – specifically from the Ministry of environment and safeguard of territory and sea (Art. 3, c. 2, DM 25/11/08)..
	<b>Consumers</b>	
	<b>Plant operator</b>	
	<b>Grid operator</b>	
	<b>European Union</b>	
	<b>Distribution mechanism</b>	<ul style="list-style-type: none"> <li>• Ministry of environment provides funds to the Cassa depositi e prestiti S.p.a.</li> <li>• Cassa depositi e prestiti S.p.a. manages the funds and grants them to successful applicants.</li> </ul>



**Tax regulation mechanism (Tax deduction)**

<p><b>Abbreviated form of legal source(s)</b></p>	<ul style="list-style-type: none"> <li>• L 296/06</li> <li>• L 244/07</li> <li>• L 220/10</li> <li>• DL 201/11</li> </ul>	
<p><b>Summary</b></p>	<p>This scheme allows for a 55 % tax deduction (“detrazione”) for expenses related to refurbishment of existing buildings and / or energetic requalification of buildings and / or installation of RES-H technologies (Art. 1, c. 344 – 347, l. 296/06). This disposition is valid for works undertaken up to 31 December 2012 (Art. 4, c. 4, DL 201/11).</p>	
<p><b>Eligible technologies</b></p>	<p><b>General information</b></p>	<p>Aerothermal, geothermal and solar thermal are eligible.</p>
	<p><b>Aerothermal</b></p>	<p>Eligible (High Efficiency Heat Pumps) (Art. 1, c. 347, l. 296/06 in connection with Art. 1, c. 286, l. 244/07).</p>
	<p><b>Hydrothermal</b></p>	
	<p><b>Biogas</b></p>	
	<p><b>Biomass</b></p>	
	<p><b>Geothermal energy</b></p>	<p>Eligible (Low Enthalpy Geothermal Plants) (Art. 1, c. 347, l. 296/06 in connection with Art. 1, c. 286, l. 244/07).</p>
	<p><b>Solar Thermal</b></p>	<p>Eligible if aimed to the production of hot water for domestic or industrial use or for producing hot water for swimming pools, spot facilities, clinics, schools and universities (Art. 1, c. 346, l. 296/06).</p>



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<p><b>Amount</b></p>	<p>Aerothermal: € 30,000, to be distributed over three years with three quotas of equal amount (Art. 1, c. 347, l. 296/06 in connection with Art. 1, c. 286, l. 244/07).</p> <p>Geothermal: € 30,000, to be distributed over three years with three quotas of equal amount (Art. 1, c. 347, l. 296/06 in connection with Art. 1, c. 286, l. 244/07).</p> <p>Solar Thermal plants: € 60,000, to be distributed over ten years with ten quotas of equal amount (Art. 1, c. 346, l. 296/06 in connection with Art. 1, c. 48, l. 220/10).</p>	
<p><b>Addressees</b></p>	<p><b>Entitled party:</b> any party installing eligible plants.</p> <p><b>Obligated party:</b> the State.</p>	
<p><b>Procedure</b></p>	<p><b>Process flow</b></p>	<p>The tax deduction (“detrazione”) is conceded if:</p> <ul style="list-style-type: none"> <li>• A certified technician checks the plants and declares their conformity with the technical requirements (Art. 1, c. 346, l. 296/06)</li> <li>• The plant operator provides an energetic certificate for the building in accordance with legislative decree 192 of 2005, or a statement by a certified technician. This does not apply to Solar Thermal plants. (Art. 1, c. 346, l. 296/06 in connection with Art. 1, c. 24, l. c. l. 244/07).</li> </ul> <p>Plant operators, after obtaining such documents, have to transmit them to the National Agency for New Technologies, Energy and Sustainable Development (ENEA).</p>
	<p><b>Competent authority</b></p>	<p>The tax agency (“Agenzia delle Entrate”).</p>
<p><b>Flexibility Mechanism</b></p>		



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<b>Distribution of costs</b>	<b>State</b>	The State bears the cost, in terms of lower income from taxes.
	<b>Consumers</b>	
	<b>Plant operator</b>	
	<b>Grid operator</b>	
	<b>European Union</b>	
	<b>Distribution mechanism</b>	



## RES-H&C grid issues

### Overview

<b>Overview of grid issues</b>	In Italy, district heating and cooling networks are managed at local level. National legislation provides only the framework legislation. DL 28/11, Art. 6, c. 3 provides an obligation for all municipalities above 50.000 inhabitants to establish, in cooperation with Provincial authorities and coherently with the regional energy plans, development plans for district heating and cooling with the aim to increase usage of the energy produced also from RES. Municipalities below 50,000 inhabitants can also develop such plans, however there is no obligation in place.
<b>Connection to the grid</b>	
<b>Use of the grid</b>	
<b>Grid expansion</b>	
<b>Statutory provisions</b>	<ul style="list-style-type: none"><li>DL 28/11 (Decreto Legislativo 3 marzo 2011, n. 28. Attuazione della direttiva 2009/28/CE sulla promozione dell'uso dell'energia da fonti rinnovabili recante modifica e successiva abrogazione delle direttive 2001/77/CE e 2003/30/CE - Legislative Decree 3 March 2011, n. 28. Implementation of directive 2009/28/CE on Promotion of Use of Energy from Renewable Energy Sources modifying and repealing Directives 2001/77/CE and 2003/30/CE)</li></ul>

**Basic information on legal sources**

<b>Name of legal source (original language)</b>	Decreto Legislativo 3 marzo 2011, n. 28.		
<b>Full name</b>	Decreto Legislativo 3 marzo 2011, n. 28. Attuazione della direttiva 2009/28/CE sulla promozione dell'uso dell'energia da fonti rinnovabili recante modifica e successiva abrogazione delle direttive 2001/77/CE e 2003/30/CE		
<b>Name (English)</b>	Legislative Decree 3 March 2011, no. 28. Implementation of Directive 2009/28/CE on Promotion of Use of Energy from Renewable Energy Sources modifying and repealing Directives 2001/77/CE and 2003/30/CE		
<b>Abbreviated form</b>	DL 28/11		
<b>Entry into force</b>	29.03.2011		
<b>Last amended on</b>	24.01.2012		
<b>Future amendments</b>			
<b>Purpose</b>	To define instruments, mechanisms, incentives and the institutional, financial		



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	<p>and legal frameworks necessary for achieving the 2020 goals as regards the total quota of renewable energy in final consumption and in transports.</p> <p>This legislative decree is the framework for changes in the Italian support schemes.</p>		
<b>Relevance for renewable energy</b>	<p>This decree initiates changes in the support schemes for renewable energy in Italy, including some related to RES H&amp;C networks.</p>		
<b>Link to full text of legal source (original language)</b>	<p><a href="http://www.governo.it/Governo/Provvedimenti/testo_int.asp?d=62612">http://www.governo.it/Governo/Provvedimenti/testo_int.asp?d=62612</a></p>		
<b>Link to full text of legal source (English)</b>			



**Further information**

Institution (name)	Website	Name of contact person (optional)	Telephone number (head office)	E-mail (optional)
Autorità per l'energia elettrica e il gas (AEEG) – Regulatory Authority for Electricity and Gas	<a href="http://www.autorita.energia.it/it/index.htm">http://www.autorita.energia.it/it/index.htm</a>		+39 026 556 51	<a href="mailto:info@autorita.energia.it">info@autorita.energia.it</a>



## RES-T support schemes

### Summary of support schemes

<b>Overview</b>	A quota system for biofuels is currently in place in Italy. This system is the main tool through which the 10% goal of biofuels in consumption is to be reached by 2020.
<b>Summary of support schemes</b>	The current goal foresees 5 % of biofuels in consumption by 2014. The competent authority is the Ministry of Environment and the obligated parties are all parties that feed gasoline or diesel in the system. Each obligated party must prove compliance by providing a certain number of certificates, which are distributed by the Ministry. Each certificate is tradable and corresponds to 10 GCal.
<b>Technologies</b>	Biodiesel, bioethanol and derivatives, ETBE and bio hydrogen are eligible.
<b>Statutory provisions</b>	<ul style="list-style-type: none"> <li>• DL 3/11</li> <li>• D 110/08</li> <li>• D100/08</li> <li>• D 2/06</li> </ul>

**Basic information on legal sources**

<b>Name of legal source (original language)</b>	Decreto Legislativo 3 marzo 2011, n. 28.	Decreto 29 aprile 2008, n. 110.	Decreto 23 aprile 2008, n. 100.
<b>Full name</b>	Decreto Legislativo 3 marzo 2011, n. 28. Attuazione della direttiva 2009/28/CE sulla promozione dell'uso dell'energia da fonti rinnovabili recante modifica e successiva abrogazione delle direttive 2001/77/CE e 2003/30/CE	Decreto 29 Aprile 2008, n. 110. Regolamento recante criteri, condizioni e modalità per l'attuazione dell'obbligo di immissione in consumo nel territorio nazionale di una quota minima di biocarburanti	Decreto 23 aprile 2008, n. 100. Regolamento recante le sanzioni amministrative per il mancato raggiungimento dell'obbligo di immissione in consumo di una quota minima di biocarburanti
<b>Name (English)</b>	Legislative Decree 3 March 2011, n. 28. Implementation of Directive 2009/28/CE on Promotion of Use of Energy from Renewable Energy Sources modifying and Repealing Directives 2001/77/CE and 2003/30/CE	Decree 29 April 2008, n. 110. Regulation establishing criteria and modalities for the implementation of the immission of a minimum biofuel quota in the national consumption.	Decree 23 April 2008, n. 100. Regulation establishing administrative sanctions as regards the lack of compliance with the obligation of a minimum biofuel quota.
<b>Abbreviated form</b>	DL 28/11	D 110/08	DL 100/08
<b>Entry into force</b>	29.03.2011	20.06.2008	07.06.2008
<b>Last amended on</b>	24.01.2012		
<b>Future amendments</b>			



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<p><b>Purpose</b></p>	<p>To define instruments, mechanisms, incentives and the institutional, financial and legal frameworks necessary for achieving the 2020 goals as regards the total quota of renewable energy in final consumption and in transports.</p> <p>This legislative decree is the framework for changes in the Italian support schemes.</p>	<p>To define criteria and modalities for the implementation of the immission of a minimum biofuel quota in the national consumption.</p>	<p>To establish administrative sanctions as regards the lack of compliance with the biofuel quota obligation.</p>
<p><b>Relevance for renewable energy</b></p>	<p>This decree initiates changes in the support schemes for renewable energy in Italy.</p>	<p>Implementation of the biofuel obligation.</p>	<p>Establishing sanctions for the incompliance with biofuel quota obligations.</p>
<p><b>Link to full text of legal source (original language)</b></p>	<p><a href="http://www.governo.it/Governo/Provvedimenti/testo_int.asp?d=62612">http://www.governo.it/Governo/Provvedimenti/testo_int.asp?d=62612</a></p>	<p><a href="http://www.altalex.com/index.php?idnot=42028">http://www.altalex.com/index.php?idnot=42028</a></p>	<p><a href="http://www.assocostieri.it/normativa_biodiesel/Decreto%20MSE%2023-04-08%20n.%20100%20Biocarburanti-quota%20minima.pdf">http://www.assocostieri.it/normativa_biodiesel/Decreto%20MSE%2023-04-08%20n.%20100%20Biocarburanti-quota%20minima.pdf</a></p>
<p><b>Link to full text of legal source (English)</b></p>			



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<b>Name of legal source (original language)</b>	Decreto legge 10 gennaio 2006, n. 2		
<b>Full name</b>	Decreto legge 10 gennaio 2006, n. 2. Interventi urgenti per i settori dell'agricoltura, dell'agroindustria, della pesca, nonché in materia di fiscalità d'impresa.		
<b>Name (English)</b>	Decree-law 10 January 2006, n. 2. Urgent interventions for the agricultural, agricultural-industrial, fishery sector as well as regards tax regulations		
<b>Abbreviated form</b>	DL 2/06		
<b>Entry into force</b>	12.01.2006		
<b>Last amended on</b>	06.07.2011		
<b>Future amendments</b>			
<b>Purpose</b>	To introduce a number of urgent measures in different sectors.		
<b>Relevance for renewable energy</b>	This decree sets biofuel quotas for 2007 and 2008 and introduces a general framework to the obligation.		
<b>Link to full text of legal source (original language)</b>	<a href="http://www.ambientediritto.it/Legislazione/agricoltura/2006/dl%202006%20n.2.htm">http://www.ambientediritto.it/Legislazione/agricoltura/2006/dl%202006%20n.2.htm</a>		
<b>Link to full text of legal source (English)</b>			



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### Further information

Institution (name)	Website	Name of contact person (optional)	Telephone number (head office)	E-mail (optional)
Ministero dello Sviluppo Economico – Ministry of Economic Development	<a href="http://www.sviluppoeconomico.gov.it">http://www.sviluppoeconomico.gov.it</a>		+39 06 47051	<a href="mailto:urp@sviluppoeconomico.gov.it">urp@sviluppoeconomico.gov.it</a>
Ministero dell’Ambiente e della Tutela del Territorio e del Mare – Ministry of Environment	<a href="http://www.minambiente.it/">http://www.minambiente.it/</a>		+39 065 72 21	<a href="mailto:URP@minambiente.it">URP@minambiente.it</a>



**Support schemes**

**Biofuel quota (Obbligo di immissione)**

<p><b>Abbreviated form of legal source(s)</b></p>	<ul style="list-style-type: none"> <li>• DL 28/11</li> <li>• D 110/08</li> <li>• DL 100/08</li> </ul>	
<p><b>Summary</b></p>	<p>This scheme defines an amount of biofuels to be included in all petrol and gasoline destined to transport.</p>	
<p><b>Eligible technologies</b></p>	<p><b>General information</b></p>	<p>Biodiesel, bioethanol and derivatives, bio hydrogen and ETBE are eligible (Art. 2, c. 1 D 110/08).</p>
	<p><b>Biofuels</b></p>	<p>Biodiesel, bioethanol and derivatives and ETBE are eligible (Art. 2, c. 1 D 110/08).</p>
	<p><b>Electricity</b></p>	
	<p><b>Hydrogen</b></p>	<p>Bio hydrogen is eligible (Art. 2, c. 1, D 110/08).</p>
<p><b>Amount</b></p>	<p><b>Amount of quota and period of application</b></p>	<p>Every year, the quota is calculated with the formulas laid out in Art. 3, D 110/08. DL 28/11 established that the quota to be reached by 2014 is 5 %. Below some of the quotas for preceding years and the one for 2014 are reported:</p> <ul style="list-style-type: none"> <li>• 2007: 1 % (Art. 2-quarter, c. 2, DL 2/06)</li> <li>• 2008: 2 % (Art. 2-quarter, c. 2, DL 2/06)</li> <li>• 2009: 3 % (Art. 2, c. 139, L 244/07)</li> <li>• 2014: 5 % (Art. 33, c. 4, DL 28/11)</li> </ul>



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	<p><b>Adjustment of quotas</b></p>	<p>A new Ministerial Decree must be published by the Ministry of economic development, in connection with the Ministry of agricultural, alimentary and forestall policies, the Ministry of economics and finance and the Ministry of the environment and the safeguard of territory and sea (Art. 2, c. 140, L 244/07).</p>
	<p><b>Fees and penalty charges</b></p>	<p>The amount for non compliance with the obligation is fixed between € 600 and 900 per certificate, depending on the degree of non-compliance (Art. 1 DL 100/08)</p>
<p><b>Addressees</b></p>	<p>All subjects that, in the preceding year, fed gasoline or diesel for consumption in the system (art.2, c.1, l. d, D 110/08).</p>	
<p><b>Procedure</b></p>	<p><b>Process flow</b></p>	<p>Until 31 January of each year, the obligated parties communicate to the competent authority the total amount of gasoline, diesel and biofuels fed in the system in the previous year and the amount of biofuels they are to feed in the system in the current year, calculated according to the formulas of Art. 3, D 110/08 (Art. 3, D 110/08).</p> <p>Until 31 March of each year, the competent authority releases certificates to the entitled parties based on their declaration for the previous year and on its own estimates based on available data and on the data provided by the customs agency (Art. 3, c. 6, Art. 5, Art. 6 D 110/08). Each certificate has a value of 10 Gcal, the immission of 10 Gcal of biofuels gives rights to a certificate (Art. 5. c. 2, 4, D 110/08).</p> <p>Until 31 May of each year, each party provides the competent authority with all the certificates related to the previous year.</p> <p>Until 30 September, the competent authority verifies the amounts corresponding to the received certificates with the information received until 31 January and verifies compliance to the obligation.</p>



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	<b>Competent authority</b>	The Ministry of agricultural, alimentary and forestal policies (art. 5, c. 1, D 110/08).
<b>Flexibility Mechanism</b>		
<b>Distribution of costs</b>	<b>State</b>	
	<b>Consumers</b>	Biofuel immission certificates create additional costs to producers and importers. These costs are mirrored by gasoline prices.
	<b>European Union</b>	
	<b>Others</b>	
	<b>Distribution mechanism</b>	<ul style="list-style-type: none"> <li>• The Authority, through the obligation, creates additional costs to producers and importers</li> <li>• Producers increase their prices to withstand those costs</li> <li>• Costs are redistributed to consumers</li> </ul>



## Policies

### Summary of policies

<p><b>Overview</b></p>	<p>In Italy, training programmes are being developed at regional level, where they should be in place by 31 December 2012. Certification of installed plants is obligatory. All new or refurbished buildings must integrate RES, with an additional 10 % to the obligation level for public buildings. A guarantee fund is in place for supporting district heating network development. In addition, a loan can also be used for supporting investment in district heating infrastructure.</p>
<p><b>Summary of policies</b></p>	<p>In Italy training programmes for installers are regulated at central level but set up and managed at regional level. They are supposed to be all in place by 31 December 2012.</p> <p>Each installer, after having installed a plant on any building, is required by law to release a certificate of compliance with a set of Standards outlined in DM 37/08.</p> <p>All new buildings and all buildings undergoing major refurbishment are obliged to integrate RES-E and RES-H. There are different obligations depending on the building type and size, and for public buildings the obligations are increased by 10 %.</p> <p>A guarantee fund supporting the development of district heating networks is in place within the “Cassa congruaglio” for the electricity sector. An additional fee of € 0.05/Sm<sup>3</sup> (Sm<sup>3</sup> is a quantity measurement unit at specified pressure and temperature levels) is applied to the consumption of natural gas.</p> <p>The “Fondo Kyoto” allow loans at a subsidised rate for district heating infrastructure under certain conditions.</p>
<p><b>Technologies</b></p>	<p>The certification obligation applies to electricity production units and heating, cooling, air conditioning plants.</p> <p>The training programmes apply to boilers, fireplaces and biomass heaters, building-mounted PV and solar thermal installations, low enthalpy biomass plants and heat pumps.</p>



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	The obligation to integrate RES-H and RES-E in buildings does not specify technologies but only the criteria that have to be respected.
<b>Statutory provisions</b>	<ul style="list-style-type: none"><li>• DL 28/11</li><li>• DM 37/08</li><li>• DPR 380/01</li><li>• L 296/06</li><li>• DM 28/11/08</li><li>• C 16/02/12</li></ul>

**Basic information on legal sources**

<b>Name of legal source (original language)</b>	Decreto Legislativo 3 marzo 2011, n. 28.	Decreto 22 gennaio 2008, n. 37 del Ministero dello Sviluppo Economico.	Decreto del Presidente della Repubblica 6 giugno 2001, n. 380.
<b>Full name</b>	Decreto Legislativo 3 marzo 2011, n. 28. Attuazione della direttiva 2009/28/CE sulla promozione dell'uso dell'energia da fonti rinnovabili recante modifica e successiva abrogazione delle direttive 2001/77/CE e 2003/30/CE	Decreto 22 gennaio 2008, n. 37 del Ministero dello Sviluppo Economico. Regolamento concernente l'attuazione dell'articolo 11-quaterdecies, comma 13, lettera a) della legge n. 248 del 2 dicembre 2005, recante riordino delle disposizioni in materia di attivita' di installazione degli impianti all'interno degli edifici.	Decreto del Presidente della Repubblica 6 giugno 2001, n. 380. Testo unico delle disposizioni legislative e regolamentari in materia edilizia.
<b>Name (English)</b>	Legislative Decree 3 March 2011, no. 28. Implementation of Directive 2009/28/CE on Promotion of Use of Energy from Renewable Energy Sources modifying and Repealing Directives 2001/77/CE and 2003/30/CE	Decree of 22 January 2008, n. 37 of the Ministry of Economic Development. Regulation related to the enactment of Art. 11-quaterdecies, c. 13, l. a of law 248 of 2 December 2005, restructuring the dispositions related to activities of plant installation within buildings.	Decree of the President of the Republic of 6 June 2001, n. 380. Single text of legislative and regulatory dispositions in construction issues.
<b>Abbreviated form</b>	DL 28/11	DM 37/08	DPR 380/01
<b>Entry into force</b>	29.03.2011	27.03.2008	01.01.2002
<b>Last amended on</b>	24.01.2012	25.08.2008	06.12.2011



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Future amendments			
<b>Purpose</b>	<p>To define instruments, mechanisms, incentives and the institutional, financial and legal frameworks necessary for achieving the 2020 goals as regards the total quota of renewable energy in final consumption and in transports.</p> <p>This legislative decree is the framework for changes in the Italian support schemes.</p>	<p>To regulate activities related to the installation of plants in buildings. The term “plant” as used in this Decree relates to any installation, including whether energy-producing installations. RES plants are included in this definition.</p>	<p>To regulate fundamental and general principles and dispositions for the discipline of the building activity.</p>
<b>Relevance for renewable energy</b>	<p>This decree sets new conditions for the support schemes in the support schemes for renewable energy in Italy.</p>	<p>This Decree regulates how RES plants are to be installed into buildings, including certification issues, responsibilities and qualifications of installers.</p>	<p>Some dispositions of DL 28/11 make explicit reference to this Decree.</p>
<b>Link to full text of legal source (original language)</b>	<p><a href="http://www.normattiva.it/atto/caricaDettaglioAtto?atto.dataPubblicazioneGazzetta=2011-03-28&amp;atto.codiceRedazionale=011G0067&amp;currentPage=1">http://www.normattiva.it/atto/caricaDettaglioAtto?atto.dataPubblicazioneGazzetta=2011-03-28&amp;atto.codiceRedazionale=011G0067&amp;currentPage=1</a></p>	<p><a href="http://www.normattiva.it/atto/caricaDettaglioAtto?atto.dataPubblicazioneGazzetta=2008-03-12&amp;atto.codiceRedazionale=008G0060&amp;currentPage=1">http://www.normattiva.it/atto/caricaDettaglioAtto?atto.dataPubblicazioneGazzetta=2008-03-12&amp;atto.codiceRedazionale=008G0060&amp;currentPage=1</a></p>	<p><a href="http://www.normattiva.it/atto/caricaDettaglioAtto?atto.dataPubblicazioneGazzetta=2001-10-20&amp;atto.codiceRedazionale=001G0429&amp;currentPage=1">http://www.normattiva.it/atto/caricaDettaglioAtto?atto.dataPubblicazioneGazzetta=2001-10-20&amp;atto.codiceRedazionale=001G0429&amp;currentPage=1</a></p>
<b>Link to full text of legal source (English)</b>			



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<b>Name of legal source (original language)</b>	Legge 27 Dicembre 2006, n. 296.	Decreto Ministeriale 28 novembre 2011,	Circolare del 16 febbraio 2012.
<b>Full name</b>	Legge 27 Dicembre 2006, n. 296. Disposizioni per la formazione del bilancio annuale e pluriennale dello Stato. Legge finanziaria 2007	Decreto Ministeriale 28 novembre 2011, Disciplina delle modalità di erogazione dei finanziamenti a tasso agevolato ai sensi dell'articolo 1, comma 1110-1115, della legge 27 dicembre 2007, n. 296 - Fondo Rotativo per il finanziamento delle misure finalizzate all'attuazione del Protocollo di Kyoto.	Circolare del 16 febbraio 2012. Circolare attuativa, ex articolo 2, comma 1, lettera s), del Decreto del 25 novembre 2008.
<b>Name (English)</b>	Act No. 296 of 27 December 2006. Provisions on the formation of the annual budget. Budget Act of 2007	Ministerial Decree 28 November 2011, Regulation of the granting modalities of the financing at a subsidized rate as scheduled by Art. 1, c. 1110-1115 of l. 296/06.	Communication of 16 February 2012. Enactment of Decree 25/11/08.
<b>Abbreviated form</b>	L 296/06	DM 25/11/08.	C 16/02/12
<b>Entry into force</b>	01.01.2007	21.04.09	01.03.2012
<b>Last amended on</b>	09.02.2012		
<b>Future amendments</b>			
<b>Purpose</b>	Budget act of 2007	Regulating the loan set by l. 296/06.	To enact the fund regulated by DM 25/08/12



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<b>Relevance for renewable energy</b>	Article 1, c. 1110-1115 provide for the establishment of the Kyoto Fund.	This loan allows subsidies for new investments in RES plants.	To allow loans at a subsidized rate for RES.
<b>Link to full text of legal source (original language)</b>	<a href="http://www.normattiva.it/atto/caricaDettaglioAtto?atto.dataPubblicazioneGazzetta=2006-12-27&amp;atto.codiceRedazionale=006G0318&amp;currentPage=1">http://www.normattiva.it/atto/caricaDettaglioAtto?atto.dataPubblicazioneGazzetta=2006-12-27&amp;atto.codiceRedazionale=006G0318&amp;currentPage=1</a>	<a href="http://www.cassaddpp.it/content/groups/public/documents/ace_documenti/011338.pdf">http://www.cassaddpp.it/content/groups/public/documents/ace_documenti/011338.pdf</a>	<a href="http://www.cassaddpp.it/content/groups/public/documents/ace_documenti/011516.pdf">http://www.cassaddpp.it/content/groups/public/documents/ace_documenti/011516.pdf</a>
<b>Link to full text of legal source (English)</b>			

**Further information**

Institution (name)	Website	Name of contact person (optional)	Telephone number (head office)	E-mail (optional)
Ministry of Economic Development	<a href="http://www.sviluppoeconomico.gov.it/">http://www.sviluppoeconomico.gov.it/</a>		+39 06.4705.1	<a href="mailto:urp@sviluppoeconomico.gov.it">urp@sviluppoeconomico.gov.it</a>
ENEA – National Agency for new technologies, energy and sustainable development	<a href="http://www.enea.it/it">http://www.enea.it/it</a>		+39 0630484066	<a href="mailto:uca@enea.it">uca@enea.it</a>
ACCREDIA – Italian accreditation body	<a href="http://www.accredia.it/">http://www.accredia.it/</a>		+39 06 844099.1	<a href="mailto:info@accredia.it">info@accredia.it</a>
Cassa depositi e prestiti (Deposits and loans bank)	<a href="http://www.cassaddpp.it/cdp/index.htm">http://www.cassaddpp.it/cdp/index.htm</a>		+39 064221.1	



**Policy categories**

**Training programmes for Installers**

<b>Abbreviated form of legal source(s)</b>	<ul style="list-style-type: none"> <li>• DM 37/08</li> <li>• DL 28/11</li> </ul>	
<b>Description</b>	<p>Art. 15 of DL 28/11, in connection with DM 37/08, indicates that training programmes for obtaining the professional qualification of installer will have to be set up by regional authorities before 31 December 2012. Specific indications on the courses, such as mandatory examination and training period, are given in Annex 4 DL 28/11. Such courses are one of the possible ways of obtaining a professional qualification, the other ones being a related university diploma, a technical institute diploma with two years of experience afterwards, a period of three years as specialized installer working for a qualified company (Art. 4, c. 1, ll. a-d DL 37/08)</p>	
<b>Addressees</b>	<p>People wishing to obtain, through a course, a professional qualification of installer of boilers, fireplaces and biomass heaters, building-mounted PV and solar thermal plants, low enthalpy biomass plants and heat pumps (Art. 15, c. 1, DL 28/11).</p>	
<b>Competent authority</b>	<p>Authorities at regional level or, if they do not provide to set up such programmes before 31 December 2012, ENEA (National Agency for New Technologies, Energy and Sustainable Economic Development) (Art. 15, c. 4, DL 28/11).</p>	
<b>Further information</b>	<p><a href="http://www.enea.it">www.enea.it</a></p>	
<b>Distribution of costs</b>	<b>State</b>	
	<b>Private Financing</b>	
	<b>European Union</b>	
	<b>Others</b>	



**Certification Programmes for RES installations (Certification of RES installations)**

<b>Abbreviated form of legal source(s)</b>	<ul style="list-style-type: none"> <li>DM 37/08</li> </ul>	
<b>Description</b>	<p>After installing the plant, the installer must provide the owner of the building with a declaration certifying compliance with the legislation in force related to the realisation and the installation of the specific plant and with the standards of the Italian National Unification Body (UNI) and of the Italian Electrotechnical Committee (CEI) (Art. 6, c. 1, l. a DM 37/08).</p>	
<b>Addressees</b>	<p>This programme is addressed to any plant serving a building, regardless of its intended use, meaning it is also related to non-energy-generating plants (Art. 1, c. 1, DM 37/08). Among others the following plants are affected by this law:</p> <ul style="list-style-type: none"> <li>Electricity production units (Art. 1, c. 2, l. a DM 37/08);</li> <li>Heating, cooling, air conditioning plants (Art. 1, c. 2, l. c DM 37/08).</li> </ul>	
<b>Competent authority</b>	<p>This is a legal obligation.</p>	
<b>Further information</b>		
<b>Distribution of costs</b>	<b>State</b>	
	<b>Industry</b>	
	<b>System Producers</b>	
	<b>European Union</b>	
	<b>Others</b>	



**Exemplary role of public authorities in accordance with Art. 13 Abs, 5 RES Directive**

<p><b>Abbreviated form of legal source(s)</b></p>	<ul style="list-style-type: none"> <li>DL 28/11</li> </ul>
<p><b>Description</b></p>	<p>In general, all new buildings and buildings undergoing major refurbishment must take the use of integrated RES into consideration (Art. 11, c. 1 DL 28/11). The values below apply to all buildings, for public buildings, such obligations are increased by 10% (Art. 6, Annex 3, DL 28/11).</p> <p>RES-H plants must guarantee:</p> <ul style="list-style-type: none"> <li>50% coverage of the foreseen consumption of warm sanitary water; and</li> <li>Coverage of the following percentages of the cumulative foreseen consumption of warm sanitary water, heating and cooling.             <ul style="list-style-type: none"> <li>20 % if the request of the relevant building permit occurs between 31/05/2012 and 31/12/2012;</li> <li>35 % if the request of the relevant building permit occurs between 01/01/2014 and 31/12/2016;</li> <li>50 % if the request of the relevant building permit occurs after 01/01/2017 (Art. 1, Annex 3, DL 28/11)</li> </ul> </li> </ul> <p>RES-E plants must be integrated and installed with a capacity (P) calculated with the following formula:</p> $P = (1/k) * S$ <ul style="list-style-type: none"> <li>P being the plant's capacity;</li> <li>S being the surface, in terms of terrain covered, of the concerned building; and</li> <li>k being a coefficient (m<sup>2</sup>/kW) with the following values:             <ul style="list-style-type: none"> <li>80 if the request of the relevant building permit occurs between 31/05/2012 and 31/12/2012;</li> <li>65 if the request of the relevant building permit occurs between 01/01/2014 and 31/12/2016;</li> <li>50 if the request of the relevant building permit occurs after 01/01/2017 (Art. 3, Annex 3, DL 28/11)</li> </ul> </li> </ul> <p>These obligations do not apply:</p> <ul style="list-style-type: none"> <li>To certain buildings with historical value (Art. 11, c. 2 DL 28/11);</li> <li>To buildings connected to district heating networks that cover their entire need for heating and warm sanitary water (Art. 5, Annex 3, DL 28/11)</li> </ul>
<p><b>Addressees</b></p>	<p>All new buildings and buildings undergoing major refurbishment (Art. 11, c. 1 DL 28/11) and to public ones with an</p>



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	increase of 10 % in the obligation amount (Art. 6, Annex 3, DL 28/11).
<b>Competent authority</b>	The building permit is released by the relevant office of the city hall (Art. 13, c. 1, DPR 380/01). In case the RES building obligations are not respected, this permit is not provided (Art. 11, c. 3, DL 28/11).
<b>Further information</b>	

**RES-H building obligations**

<b>Abbreviated form of legal source(s)</b>	<ul style="list-style-type: none"> <li>• DL 28/11</li> <li>• DPR 380/01</li> </ul>
<b>Description</b>	<p>All new buildings and buildings undergoing major refurbishment must make use of integrated RES (Art. 11, c. 1 DL 28/11).</p> <p>RES-H plants must guarantee:</p> <ul style="list-style-type: none"> <li>• 50 % coverage of the foreseen consumption of warm sanitary water; and</li> <li>• Coverage of the following percentages of the cumulative foreseen consumption of warm sanitary water, heating and cooling. <ul style="list-style-type: none"> <li>○ 20 % if the request of the relevant building permit occurs between 31/05/2012 and 31/12/2012;</li> <li>○ 35 % if the request of the relevant building permit occurs between 01/01/2014 and 31/12/2016;</li> <li>○ 50 % if the request of the relevant building permit occurs after 01/01/2017 (Art. 1, Annex 3, DL 28/11)</li> </ul> </li> </ul> <p>This obligation does not apply:</p> <ul style="list-style-type: none"> <li>• To certain buildings with historical value (Art. 11, c. 2 DL 28/11);</li> <li>• To buildings connected to district heating networks that cover their entire need for heating and warm sanitary water (Art. 5, Annex 3, DL 28/11)</li> </ul>
<b>Obligated entities</b>	All new buildings and buildings undergoing major refurbishment (Art. 11, c. 1 DL 28/11).
<b>Competent authority</b>	The building permit is released by the relevant office of the city hall (Art. 13, c. 1, DPR 380/01). In case the RES building obligations (either the ones mentioned above or other ones related to RES-E) are not respected, this permit is not provided (Art. 11, c. 3, DL 28/11).
<b>Further information</b>	



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<b>Obligation on regional level</b>	Regions can increase the above-mentioned obligations through a regional law (Art. 11, c. 1, DL 28/11).
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### Support of RES-H infrastructure I (Fondo di garanzia per il teleriscaldamento – Guarantee fund for district heating)

<b>Abbreviated form of legal source(s)</b>	<ul style="list-style-type: none"> <li>DL 28/11</li> </ul>
<b>Description</b>	A guarantee fund supporting the development of district heating networks is in place within the “Cassa conguaglio” for the electric sector. An additional fee of € 0.05/Sm <sup>3</sup> (a standard measurement unit under specific conditions of pressure and temperature) is applied to the consumption of natural gas (Art. 22 DL 28/11).
<b>Addressees</b>	In general to the development of district heating networks. Specific subjects who can take advantage of the fund are not indicated in the law.
<b>Competent authority</b>	The regulator (Autorità per l’Energia Elettrica e il Gas – AEEG) is responsible for outlining the collection and application of the € 0.05/Sm <sup>3</sup> fee.
<b>Further information</b>	<a href="http://www.autorita.energia.it">http://www.autorita.energia.it</a>

**Support of RES-H infrastructure II (Fondo Kyoto)**

<b>Abbreviated form of legal source(s)</b>	<ul style="list-style-type: none"><li>• L 296/06</li><li>• DM 25/11/08</li><li>• C 16/02/12</li></ul>
<b>Description</b>	The Kyoto Fund has a wide scope, and within this fund RES-H infrastructure is also supported. The fund has a total amount of € 600 million, broken down in three equal parts for three years: 2012, 2013, 2014 (Art. 1, c. 1113, l. 296/06 in connection with Art. 1, c. 1-3, C 16/02/2012).
<b>Addressees</b>	Companies, physical and legal entities, public entities (Art. 5, c. 1, l. d, DM 25/11/08) are entitled to receive funding for investment in district heating systems. Specifically, the investment must be in the parallel construction of a RES-H plant, of a district heating network and of the connection of the network to buildings. Eligible plants are co-generating plants using solid vegetable biomass or liquid biofuels of vegetable origin, with maximum capacity of 500 kWe and used for district heating (Art. 6, c. 2, l. d, n. 2, l, DM 25/11/08);
<b>Competent authority</b>	The Cassa Depositi e Prestiti S.p.a. (Art. 1, c. 1115, l 296/06).
<b>Further information</b>	<a href="http://www.cassaddpp.it/cdp/index.htm">http://www.cassaddpp.it/cdp/index.htm</a>