


 Javna agencija RS za energijo
 

Andrej Špec, Tomaž Lah, Javna agencija RS za energijo


AIB and Certificate Schemes in Slovenia


Perspectives on Certification of Power Generation in the light of the new EU Energy Policy
AIB, RECS-I, HROTE Workshop
 Dubrovnik, 1 October 2010


Certificate schemes


- National GO
- EECS GO
- RECS


In the issuing procedure for the specific quantity the electricity producer has to specify if he is applying for National GO, EECS GO or RECS!

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National GO

Legislation
 Energy act, the Official Gazette of the Republic of Slovenia, Nos. 27/07 (EZ-UPB2), 70/08 (EZ-C), 22/10 (EZ-D)
 Regulation on issuing of the Declarations for the production units and of the Guarantees of Origin, The Official Gazette of the Republic of Slovenia, No. 8/09
 Act on using guarantees of origin registry and the method of the forwarding data of electricity production, The Official Gazette of the Republic of Slovenia, No. 33/09
 Regulation on measurements to be performed in production units which are receiving Guarantees of Origin and support for electricity produced, The Official Gazette of the Republic of Slovenia, No. 21/09
 Regulation on determination of the amount of electricity from cogeneration of heat and electricity which is generated with high efficiency and determination of efficiency of transformation of energy from biomass, The Official Gazette of the Republic of Slovenia, No. 21/09 37/09


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The procedure for obtaining a declaration


- RES or CHP production facility
- Adequate meter configuration for GO

Application has to include:

- Producer data
- Technical data on production device (type, capacity, the connection to the public grid...)
- Data on meter(s) (energy flow type, the name of the producer and type, a serial number, the year of installation, the name of the technical scheme, last calibration/validation)
- Attachments (the connection approval, the operating permit, the location of the production facility and network, a technical scheme of the facility, the chart of metering sites)

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Declaration document



DEKLARACIJA
za proizvodno napravo

SFE elektrarna 1, Prešernova ulica 51, 2000 Maribor

Je bila izdana proizvajalcu: Ime in priimek, Prešernova ulica 51, 2000 Maribor

In je vpisana v register deklaracij za proizvodne naprave pod številko: 666-05-1001/2010-0006

Velja od: 10.03.2010 do: 10.03.2015

Datum: 10.03.2010

JAVNA AGENCIJA RS ZA ENERGIJO

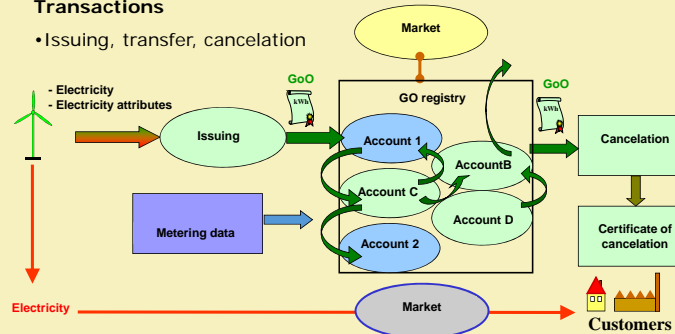
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National GO

Condition: valid declaration

Transactions

- Issuing, transfer, cancellation



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National GO registry

Register

- <https://poi.borzen.si>

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Pol Register potrdil o izvoru v RS

Domov | Dokumentacija | Seznanjeni | Slike

Novice

Za delo z registrom Pol priporočamo Microsoft® Int...

Obvestilni protovaj

V skladu s spremembo ugotovljeni kvalificirane za področje sistema (č. 42, členo)

Potrdila o OUVUŠETI

CERTIFICATE / POTRDILO

OF REDEMPTION OF GUARANTEES OF ORIGIN / O UNOVČENJU POTRDILO O IZVORU ELEKTRONE ENERGIJE

SERIAL NUMBER	07-0020	SERIALNA ŠTEVILKA	
TYPE	RES / OVE	VISTA POTRDILO	
REDEMPTION DATE WITHIN THE SLOVENIAN SYSTEM OF GUARANTEES OF ORIGIN	5.11.2005	DATUM UNOVČENJA V SLOVENSKEM SISTEMU POTRDILO O IZVORU	
67096000 kWh			
Podjetje			
Strossmayerjeva ulica 30, 2000 Maribor			
Slovenija			
REDEEMER	Podjetje	UNOVČITELJ	
ADDRESS	Strossmayerjeva ulica 30	NASLOV	
	2000 Maribor		
	Slovenija		

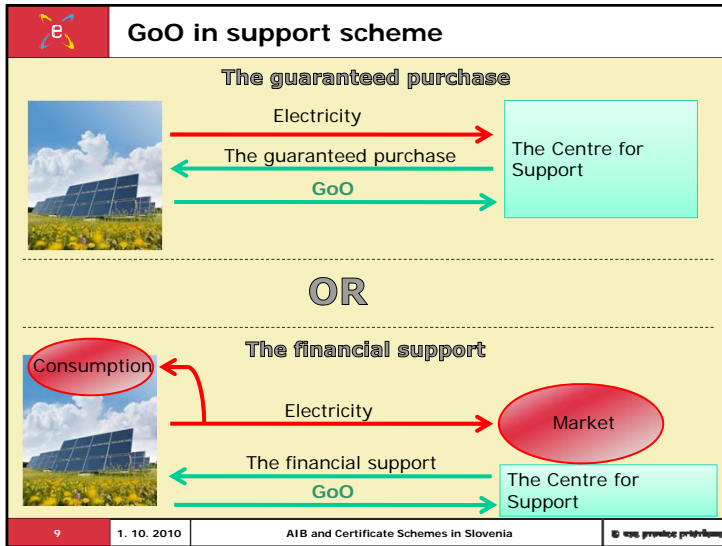
vsa pravica pridržana

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National GO use

- Support
- Trademarks
- Disclosure

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 vsa pravica pridržana



- ### Slovenia & AIB
- Slovenia's membership in the AIB since 2004
 - Slovenian RECS Domain Protocol, 2004
 - Slovenian GO RES-E Domain Protocol, 2009
 - Slovenian CHP RES-E Domain Protocol, ??
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- ### EECS GO
- Slovenian GO RES-E Domain Protocol, 2009
 - Connection to the HUB
 - Trading
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- ### RECS
- Slovenian RECS Domain Protocol
 - RECSCMO
 - TÜV
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Disclosure

- Act regarding the mode of determining the shares of individual electricity production sources, and the mode of their disclosure, the Official Gazette of the Republic of Slovenia, No. 47/05, 38/07
- The back side of the electricity bill

Sestava primarnih virov

V skladu z Aktom o spremembah in dopolnitvah Akta o načinu določanja deležev posameznih proizvodnih virov električne energije in načinu njihovega prikazovanja (Uradni list RS, 38/2007), Elektro Maribor d.d., Vetrinska ulica 2, 2000 Maribor, objavlja sestavo primarnih virov za proizvodnjo električne energije v skupni strukturi dobavljene električne energije v letu 2009 ter informacije o izpušnih in nastalih radioaktivnih odpadkih na proizvedeno kWh.

Primarni viri za proizvodnjo električne energije

Konvencionalni viri	Delež (%)
Premog in lignit	36,13
Zemeljski plin	7,74
Naftni derivati	0,25
Nedoločeno	0,06
Jedrsko gorivo	23,51
Obljavljivi viri	29,31
Večna energija	29,60
Vetro	0,68
Sončna energija	0,06
Biomasa	0,10
Geotermalna energija	0,00
Odprta/50% pin	0,00
Pin s komunalnih čistilnih naprav	0,00
Rogulj	1,78
Nedoločeno	0,59
Skupaj	100

Izpušni in nastali radioaktivni odpadki na proizvedeno kWh

Oglikov dioksid (kg/kWh)	0,391
Radioaktivni odpadki (kg/kWh)	668,536

Viri informacij o splošno okolje: www.emviretival.in in www.elektro-maribor.si (Odgovorni do okolja - brošura)

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Current numbers of valid declarations

Energy Source	Number of Valid Declarations
Hydro	399
PV	384
CHP	32
Others	24

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Capacity of PP with declaration (MW)

Energy Source	Capacity (MW)
Hydro	404
Wood biomass in co-firing with fuels of fossil origin	113
CHP	46
Others	28
PV	14

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Thank you for your attention!

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