### **MONITORING REPORT FOR 2012**

# Sreden Iskar Cascade HPP Portfolio Project Date 7<sup>th</sup> November, 2012, rev.0

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#### **Background and Objectives of Monitoring Report**

According to paragraph 36 of the JI guidelines project participants "shall submit to an accredited independent entity a report in accordance with the monitoring plan on reductions in anthropogenic emissions by sources or enhancements of anthropogenic removals by sinks that have already occurred. The report shall be made publicly available."

The objective of the present monitoring report is to provide the complete, consistent, clear, and accurate calculation of the emissions reductions, within the boundaries of the Sreden Iskar Cascade Hydro Power Plants, for the period 1<sup>st</sup> January 2012 – 31<sup>st</sup> October 2012.

### SECTION A. General Project activity information

### A.1. Title of the project:

Sreden Iskar Cascade HPP Portfolio Project, September 2006 ("The Project"), Rev.2, dated 15 October 2007.

### A.2. JI registration number:

The project reference number is 0063.

### A.3. Short description of the project activity:

The project envisages the establishment of nine Hydro Power Plants ("HPPs") on the river Iskar, about 40 km north of Sofia, with the overall objective to generate Emission Reduction Units ("ERUs"), reducing 370,970 tonnes of CO<sub>2</sub> equivalent in the period 2008 till 2012 (inclusive).

In year 2000, the Municipality of Svoghe carried out a feasibility study of the proposed HPPs. It attracted the interest of several energy companies that proposed to jointly develop the project with the city and in late 2003 the Municipality of Svoghe and Petrolvilla signed a Letter of Intent.

Based on the Memorandum of Understanding on co-operation between the Kingdom of the Netherlands and the Republic of Bulgaria in reducing emission of Greenhouse Gases ("GHGs") under article 6 of the KP, the proposed JI portfolio project aims at reducing GHGs by replacing electricity generated from fossil fuels with electricity generated from renewable hydraulic energy sources. Here below the project parties including the Carbon Credit purchaser, and the Project owner.

Party Involved	Legal entity project participant (as applicable)	Party involved wishes to be considered as project participant (Yes/No)
Bulgaria (Host Party)	Vez Svoghe AD Boulevard Cristopher Columbus, 41 1592 Sofia, Bulgaria	No
Netherlands	European Bank for Reconstruction and Development (EBRD) (on account of the Netherlands) One Exchange Square London EC2A 2JN, United Kingdom	No

**Table 1: Party involved** 

Project Design Document (PDD), including baseline and monitoring plan, has been prepared by the engineering consulting company MWH S.p.A.. The Letter of Approvals (LoA) has been issued by the Ministry of the Environment of the Republic of Bulgaria on 01.08.2007 and by the designated focal point of the State of the Netherlands on 28.11.2007.

"Sreden Iskar Cascade Hydro Power Plants" project has been approved by a provisionally accredited independent entity (AIE) and has been granted final determination on 03.12.2007. PDD and Determination Report are available on the UNFCCC website under project reference number 0063.

### A.4. Monitoring period:

- Monitoring period starting date: 01/01/2012;
- Monitoring period closing date: 31/10/2012<sup>1</sup>.

### A.5. Methodology applied to the project activity (incl. version number)

### A.5.1. Baseline methodology:

The ACM0002 "Consolidated monitoring methodology for grid-connected electricity generation from renewable sources" version 07, sectoral scope 01, 30th November, 2007 has been used to identify the baseline scenario of the proposed JI project. This methodology also refers to the "Tool for calculation of emission factor for electricity systems".

### A.5.2. Monitoring methodology:

The ACM0002 "Consolidated monitoring methodology for grid-connected electricity generation from renewable sources" version 07, sectoral scope 01, 30th November, 2007 has been used to monitor the proposed JI project.

### A.6. Time table for major project parts according to the PDD:

The project will be implemented in three phases: (i) implementation of the first two HPPs; (ii) implementation of three more HPPs; and (iii) implementation of last four HPPs.

The location of the nine HPPs, the start construction dates and the dates on which the individual HPPs will become operational according to the PDD are reported in the table below.

Location	Start Construction date according to PDD rev2	Commissioning Date according to PDD rev2
Lakatnik	July 2006	January 2008
Svrazhen	July 2006	January 2008
Opletnia	July 2009	April 2010
Levishte	July 2009	April 2010
Gavrovnitsa	July 2009	April 2010
Prokopanik	May 2010	July 2011

 $<sup>^{1}</sup>$  Both days were included. Monitoring period includes time from 00:00 01/01/12 up to 24:00 31/10/12.

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Location	Start Construction date according to PDD rev2	Commissioning Date according to PDD rev2
Tzerovo	May 2010	July 2011
Bov-Sud	May 2010	July 2011
Bov-Nord	May 2010	July 2011

Table 2: Scheduling of the Portfolio activities

### **A.7. Intended deviations or revisions to the registered PDD** (2<sup>nd</sup> version):

Since the preparation of the PDD, the project time schedule has been modified (see table 3). The latest time schedule and activities plan is quoted in the Detailed Investment Plan (DIP), a document Vez Svoghe has been requested to prepare by EBRD. The DIP, dated September 2010, follows the document "Industrial and Economic-Financial Plan in relation to the Construction of Nine Hydro-Electric Power Stations on the River Iskar in the Municipality of Svoghe in Bulgaria" prepared by Petrolvilla Group Energia e Ambiente and dated 18<sup>th</sup> May 2007.

According to this updated scheme, Phase II of the project consists of the construction of the hydropower stations of Opletnia, Tzerovo and Prokopanik, while Phase III will consist of the construction of the hydropower stations of Gavronitsa, Levishte, Bov-Sud and Bov-Nord.

For all the stations the construction works have been delayed if compared to the original plan quoted in the PDD (2<sup>nd</sup> version).

In the following table the operating hydropower stations are marked in green, including Tzerovo, which is connected to the grid since 20<sup>th</sup> April 2012. With respect to the Phase II stations Opletnia and Prokopanik are currently under construction.

Location	Start Construction date according to the actual plan	Commissioning Date according to the actual plan	Commissioning Date
Lakatnik	July 2006	June 2008	July 2008
Svrazhen	July 2006	June 2008	May 2009
Opletnia	October 2010	April 2013	Under construction
Tzerovo	May 2010	December 2012	April 2012
Prokopanik	March 2011	January 2013	Under construction
Gavrovnitsa	January 2013	June 2015	-
Levishte	January 2013	June 2015	-
Bov-Sud	January 2013	June 2015	-
Bov-Nord	January 2013	June 2015	-

Table 3: Updated scheduling of the Portfolio activities

# A.8. Intended deviations or revisions to the registered monitoring plan (Decision 17/CP.7, Annex H, paragraph 57 to be considered):

According to the Monitoring Plan checked and approved by DNV after the initial verification (3<sup>rd</sup> and 4<sup>th</sup> July 2008), "the electricity distributor send the read-off measurements to the engineer in charge of monitoring process who will verify the accuracy of the recorded energy data against the data recorded by SCADA System. Both values will be entered by the engineer in a special log book for that purpose on monthly basis (Annex II)". However, it must be observed that the electricity distributor does not send the read-off measurements to Vez

Svoghe. The procedure is the following: a person responsible for Vez Svoghe and a person responsible for CEZ read together the commercial electricity meter installed at Lakatnik hydro power plant, and they countersign the reading which will be the electricity generation included in the invoice issued by Vez Svoghe to the Electricity provider.

### A.9. Changes since last verification:

Since the last verification, the following changes occurred:

- One Internal Audit has been performed;
- The Audit Report has been drafted.

No forward action (FAR) has been required to Vez Svoghe by DNV in 2011

### A.10. Person(s) responsible for the preparation and submission of the monitoring report

The person(s) responsible for the preparation and submission of the monitoring report are:

- Vassil Shumanov, Vez Svoghe
- Dario Dilucia La Perna, Consultant MWH

SECTION B. <u>SECTION B. Key monitoring activities according to the monitoring plan for the monitoring period stated in A.4.</u>

### **B.1.** Monitoring equipment types

The measuring devices are implemented in accordance with the official "Electricity Metering Rules" and comply with the technical and metrological requirements, defined by the "Regulation for Metering Devices". The devices have to undergo regular inspection and supervision under the "Metering Law" and the "Regulation for Metering Devices".

The commercial electric energy meter, owned by the Electricity Distributor (CES), records active energy delivered to the grid (Actaris mod. SL7000, code 3X57.7/100-3x240/415V 1(10)A)). The Vez Svoghe Company is not allowed to have access at the commercial electric energy meter. The commercial measuring meter is not connected to the SCADA system, and consequently is not monitored remotely. The public provider will pay close attention to the correct operation of the measurement devices and the correct measuring values.

Further to the commercial electric energy meter, a static electric energy meter is installed in each Hydro Power Plant. It records the electricity generation only for verification purpose. The values recorded by the static electric energy meter are then transferred to the SCADA system (Monitoring System) in order to report the trend of the electricity generation. The electricity generation on SCADA system is different from the electricity generation booked by the Electricity Distributor (CEZ) because it includes auxiliary equipment of the plant whose electricity consumption is not paid by the Electricity Distributor.

### **B.2.** Data collection (accumulated data for the whole monitoring period):

As the amount of electricity supplied to the grid from the JI project is defined as the key activity to monitor for verification process, the main data collected during the monitoring period are the **electricity invoices** issued on monthly basis to the Electricity Distributor. The

electronic copy of the invoices is stored into "<u>GHG emission reduction\Invoices</u>" folder. Production data history is also stored at Main Grid, the owner of measuring devices, in form of electricity sale invoices issued by Vez Svoghe. The information flow is described in "Monitoring Plan" document at § 2.4.2.

Further to the copy of electricity invoices, the "monitoring annual report" is generated and collected during the monitoring period.

### **B.3.** Data processing and archiving:

A new folder called "GHG emission reduction" has been created into the SCADA server including all documents related to the Monitoring Process. In particular, the following documents are stored:

- Monitoring plan-pdf format;
- Annex I-excel format;
- Annex II-excel format;
- Annex IV-scanned copy;
- Invoices-pdf format;
- Audit Report-pdf format;
- Monitoring annual report-pdf format;
- Non-conformities registry-pdf format;

The folder is protected by password which is known only by the Chief operation & maintenance, and the engineer in charge of monitoring process. The "Monitoring process" folder is structured as follows:

- Sub-folder called "Monitoring plan" which includes the procedures, Annex I, and Annex II;
- Sub-folder called "Invoices" which gathers all the invoices sent to CEZ;
- Sub-folder called "Annual Report" which includes the "Monitoring annual report\_20xx", and:
- Sub-folder called "quality control and assurance procedures" which includes the training certificate of the auditor, "audit reports", and non-conformities registry.

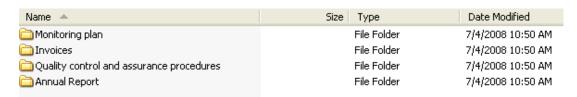


Figure 1: Structure of the "GHG emission reduction" folder

All records are maintained in paper and electronic form until 2014 (during the crediting period plus two years) for JI project purposes.

### SECTION C. Quality assurance and quality control measures

### C.1. Documented procedures and management plan

The "Monitoring Plan" is the most relevant document including all the procedures. It is stored in the SCADA server in the following folder: //GHG emission reduction/Monitoring Plan.

#### C.1.1. Roles and responsibilities:

The personnel involved in the Monitoring process and their responsibilities are the following:

- Shift operator of Sreden Iskar Cascade Hydro Power Plants: he is responsible to control the correct operation of the SCADA System and ensure the proper operation of the measurement instruments;
- Auditor: he is responsible to perform internal audit (he cannot be the same person who
  is charge of monitoring process);
- Engineer in charge of monitoring process: he is responsible to assess and validate the reliability and accuracy of the data recorded. Furthermore, he is responsible to calculate the total annual Emission Reductions (see Annex I), update the monthly document (see Annex II), and generate the "Monitoring Annual Report" on status of the yearly Monitoring plan progress. He has also to liaise with the Chief operation & maintenance about any non conformities;
- Chief operation & maintenance: responsible of the monitoring plan.

### C.1.2. Trainings:

The internal auditor(s) have been trained by MWH in order to elaborate and plan the annual internal audit plan, execute the audits according to the approved plans, elaborate, submit and distribute pertinent reports, and supervise the implementation and fitting of amendment and preventive actions, if any.

#### C.2. Internal audits and control measures

The procedure of internal auditing and control measures is included in the "Monitoring Plan". This procedure has the purpose to describe the established system for the programming and execution of internal audits of the Monitoring Plan of Sreden Iskar Cascade Hydro Power Plants. The Internal Auditor must comply with the following requirements:

- He has to be trained by an Independent Company with proven expertise in developing PDD projects;
- He must be certified by an Independent Company as auditor (see Annex 5);
- He must have participated to at least one audit as observer;
- He can't be the same person involved in the monitoring process.

The internal audit for 2012 was performed on the 31<sup>st</sup> October 2012. Annex 6 includes the audit report drafted after the completion of internal audit process.

### SECTION D. Calculation of GHG emission reductions

### **D.3.1. Project emissions**

Since the Project is a hydropower project; it does not give rise to direct GHG emissions. Therefore no formulae for calculation of direct emissions are provided here.

$$PEy = 0$$
;

#### **D.3.2.** Baseline emissions

Baseline emissions include only CO<sub>2</sub> emissions from electricity generation in fossil fuel fired power plants that are displaced due to the project activity, calculated as follows:

$$BE_y = (EG_y - EG_{baseline}) \times EF_{grid, CM, y}$$

Where

 $BE_v = Baseline emissions in year y (tCO<sub>2</sub>/yr).$ 

 $EG_v$  = Electricity supplied by the project activity to the grid (MWh).

 $EG_{baseline}$  = Baseline electricity supplied to the grid in the case of modified or retrofit facilities (MWh).

 $\mathsf{EF}_{\mathsf{grid},\mathsf{CM},\mathsf{y}} = \mathsf{Combined}$  margin  $\mathsf{CO}_2$  emission factor for grid connected power generation in year  $\mathsf{y}$ .

Being the Sreden Iskar Cascade Hydro Power Plants an installation of a new grid-connected hydro power plant, the methodology ("CBM") ACM0002 Version 07 assumes that all project electricity generation above baseline levels ( $EG_{baseline}$ ) would have otherwise been generated by the operation of grid-connected power plants and by the addition of new generation sources. As the project activity is the installation of a new grid-connected hydro power plant, the  $EG_{baseline}$  is equal to zero. Baseline emissions are calculated by the following formula:

$$BEy = \sum_{i=1}^{9} (EGyi \times EFyi);$$

### D.3.3. Leakage

The main emissions potentially giving rise to leakage (LE<sub>y</sub>) in the context of electric sector projects are emissions arising due to activities such as power plant construction, fuel handling (extraction, processing, and transport), and land inundation. Project participants do not need to consider these emission sources as leakage in applying the current methodology.

This project activity does not claim any credit for the project on account of reducing these emissions below the level of the baseline scenario.

$$Lv = 0$$

### D.3.4. Summary of the emissions reductions during the monitoring period

Emission reductions are calculated as follows:

$$ERy = BEy - PEy - Ly = BEy = \sum_{i=1}^{9} (EGyi \times EFyi)$$

Joint Implementation Projects will very likely have an impact on the operation of an existing and new plant in the short term (marginal operating costs) as well as delay the implementation of a new plant in the longer term (marginal build costs). It will be possible to use a power sector model for forecasting of the build margin as well as of the operating margin.

According to the "Monitoring Plan", the emission factor adopted for the CO<sub>2</sub> emission reductions comes from the document "Baseline Study of Joint Implementation projects in the Bulgarian energy sector" that have been carried out by the NEK in 2005 and it should be updated annually. The methodology used for Baseline Determination is developed on the basis of merit order dispatch analysis. This methodology does not consider the build margin as described in ACM0002. However, in case of Bulgaria it is appropriate to only consider the operating margin, because the combined margin concept was developed for CDM projects in developing countries where electricity demand exceeds electricity supply, and a CDM project will thus also potentially displace the construction of new power plants (reflected by the build margin). This is not the case of Bulgaria. The methodology adopted by the Ministry of Bulgaria is included in Annex 5.

The Ministry of Bulgaria has formally confirmed that the above mentioned document is taken into account while evaluating the CO<sub>2</sub> emission factor for JI projects developed in Bulgaria.

According to the PDD, the grid emission factor is evaluated ex-post. It means that the emission factor ex-post is considered in case the Ministry of Bulgaria updates the above mentioned Document including the new and updated emission factors. Otherwise, it will be used the latest value officially published.

The last update of the document "Baseline Study of Joint Implementation projects in the Bulgarian energy sector" dates back to 2005. The latest emission factor published by the NEK (May 5<sup>th</sup> 2005) has been considered since these values have been confirmed by the Ministry of Environment and Water (Annex 4). Two analyses are performed by the NEK:

- 1. Baseline emission factor for all plants, including nuclear and hydro-power plants;
- 2. Baseline emission factor for generation plants, less Nuclear, Pumped-Storage and Hydro-Power Plants;

The first approach is too imprecise to analyze the reduction of CO<sub>2</sub> emissions in a Joint-Implementation Project, because the operation of nuclear power plants and, to less extent, the operation of the four large hydro-power cascades of the power system are not influenced by the implementation of such projects. The second analysis has been considered in the current Monitoring Report. The next table summarises the latest emission factors published by the NEK for two scenarios; minimum demand and maximum demand.

<sup>&</sup>lt;sup>2</sup> See Annex 5 and <a href="http://www.moew.government.bg/recent\_doc/climate/Baseline%20CEF%20Summary.pdf">http://www.moew.government.bg/recent\_doc/climate/Baseline%20CEF%20Summary.pdf</a>

Scenarios	UoM	2008	2009	2010	2011	2012
Scenario Stagnation – Minimum Demand	t <sub>C02</sub> /MWh	1.078	0.956	0.917	0.902	0.899
Scenario Prosperity - Maximum Demand	t <sub>C02</sub> /MWh	1.059	0.947	0.908	0.884	0.833

Table 4: Dispatch data adjusted operating margin emission factor (latest emission factors)

In order to be conservative the maximum demand scenario, which is resulting in lower carbon emission factors, has been considered (as in PDD calculations). The emission factor used to quantify the  $CO_2$  emission reduction is 0.833  $t_{CO2}$ /MWh. The table below summarise the achieved emission reductions in 2012.

Year	Hydro Power Plant	Annual energy generation <sup>3</sup> (MWh)	Carbon Emission Factor <sup>4</sup> (tco2/MWh)	Amount of achieved emission reduction (t <sub>CO2</sub> )
2012	Lakatnik (Until 31 <sup>th</sup> October)	9,539		7,946
2012	Svrazhen (Until 31 <sup>th</sup> October)	11,564	0.833	9,633
2012	Tzerovo (20 <sup>th</sup> April – 31 <sup>th</sup> October)	4,716		3,928
Total	HPPs	25,819		21,507

Table 5: Achieved emission reductions in 2012 (until 31<sup>th</sup> October)

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<sup>&</sup>lt;sup>3</sup> See Annex 1, 2 and 3;

<sup>&</sup>lt;sup>4</sup> See Annex 4, 5;

## Annex 1

## **Monthly invoices**

## **LAKATNIK**

## **JANUARY**

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according to Protocol from 31.01.2012				-	
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## **FEBRUARY**

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## MARCH

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Към фактура № Дата на издаване:	5	31.3.2	2012	r.				
To invoice No. Date of issuance								
№ Наименование на стоките или услугите		Іярка			ество	Един. цена		Стойност в BGN
Name of goods or services		asure	9		entity	Unit price	Discount	Value BGN
Произведена електроенергия от МВЕЦ Лакатник за	K	Втч		1	599 495	0.21309		340 836.39
м. Март по отчетен протокол от 31.03.2012 Energy production from HPP Lakatnik for March								
according to protocol from 31.03.2012								
according to protocor from 51.00.2012								
Основание за нулева ставка или неначисляване на ДДС:						Данъчна осно	sa / Tax base	340 836.39
Legal ground for 0% VAT rate or nonapplication of VAT				Да	нъчна ст	авка ДДС % /	Tax rate VAT	20%
Словом всичко: четиристотин и девет хиляди и три лв. и 0.67	7					Стойност н	ia ДДС / VAT	68 167.28
								400.000.07
Say four hundred nine thousand and three and 0.67 BGN and 0.03	lev		_				CUNUKO / Total	409 003.67 409 003.67
Вым алд 0.03 Словом сума за плащане: четиристотин и девет хиляди и три л	0 6	07		C	ума за пл	пащане / <i>Ат</i> то	unt to be para	409 003.67
словом сума за плащане. четиристотин и девет хилиди и три л	в. и о.с	07						
Amount to be paid say four hundred nine thousand and three and	0.67 lev	,	-					
Дата на данъчното събитие: 31.3.2012 г.	Г	Ίлащ	ане:		П	в брой [√]	с преводно н	нареждане
Date of the tax event		Payme			_	in cash	bank transfer	
	Г	To IB	AN	BG33UI	NCR763	010VZSVBGI	N1_BIC_UNC	CRBGSF
	_		dentiti					
Съставил: Пламен Дилков/ Plamen Dilkov			анка:		Уникре,	дит Булбанк	АД, София, І	4У, офис Св. Неделя
Prepared by (име и фамилия) (подлис) / (name) (signature)	E	Bank II	nstituti	on	Unicred	it Bulbank AD	, Sofia, branc	h Sv. Nedelia

## **APRIL**

Вец Своге АД         VEZ SVOGHE AD         Доставчик / Supplier         Адрес гр. София, бул. Христофор Колумб №41         Address         Sofia, 41 Christopher Columbus Blvd.         Идентификационен номер по ДДС / VAT indetification nimber         В В В 2 0 1 3 0 7 9 1 9 1 9         ЕИК/ЕГН / UIC/PIN         2 0 1 3 0 7 9 1 9 1 9	Ад Adi	рес Соф ress	ия, ул. °Г.С.Рако номер по ДДС / VA 5   1   3   3	7 indetification nim	ber
ФАКТУРА / INVOICE     Дебитно известие / Debit note     Кредитно известие / Credit note     Кым фактура № Дата на издаване:     То invoice No. Date of issuance	30.4.2012		Иясто на сделк Place of the deal		
№ Наименование на стоките или услугите	Мярка	Количество	Един. цена	Отстъпка	Стойност в BGN
Name of goods or services	Measure	Quantity	Unit price	Discount	Value BGN
Произведена електроенергия от МВЕЦ Лакатник за	кВтч	1 965 1	77 0.21309		418 759.57
м. Април по отчетен протокол от 30.04.2012					
Energy production from HPP Lakatnik for April					
according to protocol from 30.04.2012					
Основание за нулева ставка или неначисляване на ДДС:		1 11	Данъчна осно	Ba / Tax base	418 759.57
to a large of the 200 MAT and an advantable of MAT			DBC 0/ /	Tay sate MAT	20%
Legal ground for 0% VAT rate or nonapplication of VAT		данъчна	ставка ДДС %/		83 751.91
Словом всичко: петстотин и две хиляди петстотин и единаде	сет лв. и 0.48		Стоиност н	на ДДС / VAT	83 /51.91
	A DON				500 544 40
Say five hundred two thousand five hundred and ele	even BGN	-		Всичко / Total	502 511.48
and 0.48		Сума за	плащане / Ато	unt to be paid	502 511.48
Словом сума за плащане: петстотин и две хиляди петстотин и и 0.48  Amount to be paid say five hundred two thousand five hundred and					
and 0.48					
Дата на данъчното събитие: 30.4.2012 г.  Date of the tax event  Съставил: Пламен Дилков/ Plamen Dilkov	Плащане: Payment По IBAN Bank identifi	cation	in cash 63010VZSVBGN	A VI	
Prepared by (име и фамилия) (подпис) / (name) (signature)	Bank institut		edit Bulbank AD		
2 NOITATE	575 J				00 00 00 00 00 00 00 00 00 00 00 00 00

## MAY

Вец Своге АД	_	ЧЕ	3 ЕЛЕК	тро бъ	ЛГАРИЯ АД		
VEZ SVOGHE AD  Доставчик / Supplier  Адрес гр. София, бул. Христофор Колумб №41  Address Sofia, 41 Christopher Columbus Blvd.  Идентификационен номер по ДДС / VAT indetification nimber  В G 2 0 1 3 0 7 9 1 9  ЕИК/ЕГН / UIC/PIN  2 0 1 3 0 7 9 1 9	О О Р R И І Г G И І Н N А А Д Л L	Аd Ид В	iress ентифика: G 1	UIC/PIN	ул. Т.С.Рако	T indetification n	
✓ ΦAKTYPA / INVOICE				Мяс	то на сделк	ата: <u>Българи</u>	19
☐ Дебитно известие / Debit поте Номе	0000	000086		Plac	ce of the deal	1	
■ Кредитно известие / Credit поте Number							
Към фактура № Дата на издаване: To invoice No. Date of issuance	31.5	5.2012	r.				
№ Наименование на стоките или услугите	Мярк	a	Колич	ество	Един. цена	Отстъпка	Стойност в BGN
Name of goods or services	Measu			ntity	Unit price	Discount	Value BGN
Произведена електроенергия от МВЕЦ Лакатник за	кВтч	1	1	449 048	0.21309		308 777.64
м. Май по отчетен протокол от 31.05.2012							
Energy production from HPP Lakatnik for May							
according to protocol from 31.05.2012							
Основание за нулева ставка или неначисляване на ДДС:					Јанъчна осно	Ba / Tax base	308 777.64
Legal ground for 0% VAT rate or nonapplication of VAT			Да	нъчна ст	авка ДДС % /	Tax rate VAT	20%
Словом всичко: триста и седемдесет хиляди петстотин три, и 0.17	цесет и три	лева			Стойност н	на ДДС / VAT	61 755.53
Say three hundred seventy thousand five hundred	thirtythree				E	Всичко / Total	370 533.17
BGN and 0.17		_ [	С	ума за пл	пащане / Ато	unt to be paid	370 533.17
Словом сума за плащане: триста и седемдесет хиляди петсто три лева и 0.17	тин тридео	ети					
Amount to be paid say three hundred seventy thousand five hund BGN and 0.17	red thirtythn	ee					
Дата на данъчното събитие: 31.5.2012 г.	Плаг	щане:			в брой 🗸	с преводно і	нареждане
Date of the tax event	Payn			_	In cash	bank transfer	
				NCR763	010VZSVBGI	N1_BIC_UNC	CRBGSF
Communication Co		Identific		V	F	A.D. C-+	IIV admi Ca Haasaa
Съставил: Пламен Дилков/ Plamen Dilkov  Prepared by (име и фамилия) (подпис) / (name) (signature)	_	банка: Instituti		Uniored	цит Булоанк. # Bulbank AF	АД, София, I	ЦУ, офис Св. Неделя ch Sv. Nedelia
Prepared by (MME и фамилил) (подпис) / (name) (signature)	Dalik	таши	UTT .	omored	t Dalbarik AL	r, cona, prant	ui ov. Neuella

## JUNE

м. Юни по отчетен протокол от 30.06.2012  Елегду production from HPP Lakathik for June according to protocol from 30.06.2012  Основание за нулева ставка или неначисляване на ДДС:  Данъчна основа / Тах base 268 101.74  Legal ground for 0% VAT rate or nonapplication of VAT Словом всичко: триста двадесет и една хиляди седемстотин двадесет и два лв. и 0.09  Иттее hundred twentyone thousand seven hundred twentytwo ВGN and 0.09 Словом сума за плащане: триста двадесет и една хиляди седемстотин двадесет и рва лв. и 0.09  Атоилт to be paid say  Дата на данъчното събитие: З0.6.2012  Плащане: Раутелт По IBAN ВG33UNCR763010VZSVBGN1 ВIC UNCRBGSF Валк Identification При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя	Вец Своге АД		ч	ЕЗ ЕЛЕ	ктро Б	ЬЛГАРИЯ АД	Į .	
Дебитно известие / Debit note   Number   Num	Доставчик / Supplier  Адрес гр. София, бул. Христофор Колумб №41  Address Sofia, 41 Christopher Columbus Blvd.  Идентификационен номер по ДДС / VAT indetification nimber  В G 2 0 1 3 0 7 9 1 9 1 9  ЕИК/ЕГН / UIC/PIN	P R И I Г G И I Н N A A	P R Адрес София, ул."Г.С.Раковски"№140  И I Аdress Г G И I Идентификационен номер по ДДС / VAT indetfication nimber  Н N   B   G   1   7   5   1   3   3   8   2   7        A A ЕИКЛЕГН / UIC/PIN					
Reputino известие / Credit note   Number		0000	000000					IA .
Към фактура № Дата на издаване: 30.6.2012 г.  № Наименование на стоките или услугите мезиге мезиге Quantity Unit price Discount Value BGN Messure Quantity Quantit		0000	000092		1.0	oc or the ocu		
Произведена електроенергия от МВЕЦ Лакатник за кВтч 1258 162 0.21309 268 101.74  М. Юни по отчетен протокол от 30.06.2012  Епегру production from HPP Lakatnik for June according to protocol from 30.06.2012  Основание за нулева ставка или неначисляване на ДДС:  Данъчна основа / Тах base 268 101.74  Legal ground for 0% VAT rate or nonapplication of VAT Словом всичко: триста двадесет и една хиляди седемстотин двадесет и два лв. и 0.09  Say three hundred twentyone thousand seven hundred twentytwo BGN and 0.09  Словом сума за плащане: триста двадесет и една хиляди седемстотин двадесет и два лв. и 0.09  Атоилт to be paid say three hundred twentyone thousand seven hundred twentytwo BGN and 0.09  Дата на данъчното събитие: 30.6.2012 г. Плащане: раутелт по авл bank transfer По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF  Вак Identification При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя	Към фактура № Дата на издаване: То invoice No. Date of issuance	30.6	3.2012	r.				
Произведена електроенергия от МВЕЦ Лакатник за кВтч 1 258 162 0.21309 268 101.74  М. Юни по отчетен протокол от 30.06.2012								
М. Юни по отчетен протокол от 30.06.2012  Елегду production from HPP Lakathik for June  аccording to protocol from 30.06.2012  Основание за нулева ставка или неначисляване на ДДС:  Данъчна основа / Тах base  268 101.74  Legal ground for 0% VAT rate or nonapplication of VAT  Словом всичко: триста двадесет и една хиляди седемстотин двадесет и два лв. и 0.09  Вал в. и 0.09  Вал в. и 0.09  Словом сума за плащане: триста двадесет и една хиляди седемстотин двадесет ин два лв. и 0.09  Атоилт to be paid say  Дата на данъчното събитие: 30.6.2012 г. Плащане: в брой опреводно нареждане винительного събитие: 30.6.2012 г. Плащане: в брой опреводно нареждане валь в нак transfer по IBAN ваз Uncr763010VZSVBGN1 в IC UNCRBGSF  Валк Identification При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя	Name of goods or services						Discount	
Energy production from HPP Lakatnik for June  according to protocol from 30.06.2012  Основание за нулева ставка или неначисляване на ДДС:  Данъчна основа / Тах base  Данъчна основа / Тах base  268 101.74  Данъчна основа / Тах base  268 101.74  Данъчна ставка ДДС % / Тах rate VAT  20%  Стоявом всичко: триста двадесет и една хиляди седемстотин двадесет и  два лв. и 0.09  Зау  Велико / Тота!  Велико / Тота!  Велико / Тота!  З21 722.09  Сума за плащане / Аттоит to be paid 321 722.09  Сума за плащане / Аттоит to be paid 321 722.09  Дата на данъчното събитие:  Дата на данъчното събитие:  З0.6.2012  Г.  Плащане:  Раутелт  В брой ✓ с преводно нареждане  В брой ✓ с преводно на		KDI	•	- '	200 102	0.21308		200 101.74
Основание за нулева ставка или неначисляване на ДДС:  Данъчна основа / Тах base  268 101.74  Legal ground for 0% VAT rate or nonapplication of VAT  Словом всичко: триста двадесет и една хиляди седемстотин двадесет и два лв. и 0.09  Say three hundred twentyone thousand seven hundred twentytwo ВGN and 0.09  Словом сума за плащане: триста двадесет и една хиляди седемстотин двадесет и два лв. и 0.09  Аточит to be paid say three hundred twentyone thousand seven hundred twentyone thousand seven hundred twentytwo BGN and 0.09  Дата на данъчното събитие:  З0.6.2012 г.  Плащане: раутелт в брой с преводно нареждане Раутелт в саsh bank transfer По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF Валк Identification При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя								
Данъчна основа / Тах base 268 101./4  Legal ground for 0% VAT rate or nonapplication of VAT Данъчна ставка ДДС % / Тах rate VAT 20%  Словом всичко: триста двадесет и една хиляди седемстотин двадесет и два лв. и 0.09  Say three hundred twentyone thousand seven hundred twentytwo BGN and 0.09  Словом сума за плащане: триста двадесет и една хиляди седемстотин двадесет и два лв. и 0.09  Атоилт to be paid say three hundred twentyone thousand seven hundred twentytwo BGN and 0.09  Дата на данъчното събитие: 30.6.2012 г. Плащане: в брой с преводно нареждане раумент по саѕ bank transfer  По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF  Валк Identification  Пламен Дилков/ Plamen Dilkov При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя	according to protocol from 30.06.2012							
Данъчна основа / Тах base 268 101./4  Legal ground for 0% VAT rate or nonapplication of VAT Данъчна ставка ДДС % / Тах rate VAT 20%  Словом всичко: триста двадесет и една хиляди седемстотин двадесет и два лв. и 0.09  Say three hundred twentyone thousand seven hundred twentytwo BGN and 0.09  Словом сума за плащане: триста двадесет и една хиляди седемстотин двадесет и два лв. и 0.09  Атоилт to be paid say three hundred twentyone thousand seven hundred twentytwo BGN and 0.09  Дата на данъчното събитие: 30.6.2012 г. Плащане: в брой с преводно нареждане раумент по саѕ bank transfer  По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF  Валк Identification  Пламен Дилков/ Plamen Dilkov При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя								
Данъчна основа / Тах base 268 101./4  Legal ground for 0% VAT rate or nonapplication of VAT Данъчна ставка ДДС % / Тах rate VAT 20%  Словом всичко: триста двадесет и една хиляди седемстотин двадесет и два лв. и 0.09  Say three hundred twentyone thousand seven hundred twentytwo BGN and 0.09  Словом сума за плащане: триста двадесет и една хиляди седемстотин двадесет и два лв. и 0.09  Атоилт to be paid say three hundred twentyone thousand seven hundred twentytwo BGN and 0.09  Дата на данъчното събитие: 30.6.2012 г. Плащане: в брой с преводно нареждане раумент по саѕ bank transfer  По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF  Валк Identification  Пламен Дилков/ Plamen Dilkov При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя								
Словом всичко: триста двадесет и една хиляди седемстотин двадесет и два лв. и 0.09  Say three hundred twentyone thousand seven hundred twentytwo BGN and 0.09  Словом сума за плащане: триста двадесет и една хиляди седемстотин двадесет и два лв. и 0.09  Атоилт to be paid say three hundred twentyone thousand seven hundred twentytwo BGN and 0.09  Дата на данъчното събитие: 30.6.2012 г. Плащане: В брой от с преводно нареждане раумент по саѕ валк transfer по IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF  Валк Identification  Съставил: Пламен Дилков/ Plamen Dilkov При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя	Основание за нулева ставка или неначисляване на ДДС:				ı	Данъчна осно	sa / Tax base	268 101.74
Словом всичко: триста двадесет и една хиляди седемстотин двадесет и два лв. и 0.09  Say three hundred twentyone thousand seven hundred twentytwo BGN and 0.09  Словом сума за плащане: триста двадесет и една хиляди седемстотин двадесет и два лв. и 0.09  Атоилт to be paid say three hundred twentyone thousand seven hundred twentytwo BGN and 0.09  Дата на данъчното събитие: 30.6.2012 г. Плащане: В брой от с преводно нареждане раумент по саѕ валк transfer по IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF  Валк Identification  Съставил: Пламен Дилков/ Plamen Dilkov При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя	Legal ground for 0% VAT rate or nonapplication of VAT			Ла	нъчна ст	авка ЛЛС %/	Tax rate VAT	20%
Say		двадесет	и					
BGN and 0.09  Словом сума за плащане: триста двадесет и една хиляди седемстотин двадесет и два лв. и 0.09  Аточит to be paid say  Триста двадесет и една хиляди седемстотин двадесет и два лв. и 0.09  Триста двадесет и два лв. и 0.09  Трай двадесет и два лв. и 0.09  Триста двад	два лв. и 0.09							
Словом сума за плащане: триста двадесет и една хиляди седемстотин двадесет и два лв. и 0.09 three hundred twentyone thousand seven hundred twentytwo BGN and 0.09  Дата на данъчното събитие: 30.6.2012 г. Плащане: в брой с преводно нареждане Date of the tax event Payment По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF Bank Identification Съставил: Пламен Дилков/ Plamen Dilkov При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя		red twentyt	wo					
Дата на данъчното събитие: 30.6.2012 г. Плащане: В брой ✓ с преводно нареждане  Date of the tax event По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF  Bank Identification  Съставил: Пламен Дилков/ Plamen Dilkov При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя				C	ума за пл	пащане / Amo	unt to be paid	321 722.09
Дата на данъчното събитие: 30.6.2012 г. Плащане: В брой ✓ с преводно нареждане  Payment In cash bank transfer По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF  Bank Identification При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя	двадесет и два лв. и 0.09 Amount to be paid say three hundred twentyone thousand seven h							
Date of the tax event     Payment     In cash     bank transfer       По IBAN     BG33UNCR763010VZSVBGN1     BIC UNCRBGSF       Валк Identification     Валк Identification       Пламен Дилков/ Plamen Dilkov     При банка:     Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя	•	Пото				- e×		
По IBAN         BG33UNCR763010VZSVBGN1         BIC UNCRBGSF           Валк Identification         Валк Identification         При банка:         Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя								нареждане
Валк Identification  Съставил: Пламен Дилков/ Plamen Dilkov При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя	Date of the tax event			BG33UI	NCR763			RRGSE
					10.1700	0.01201001		
	Съставил: Пламен Дилков/ Plamen Dilkov	При	банка:		Уникре,	дит Булбанк	АД, София, І	<b>ДУ, офис Св. Неделя</b>
trepase of the expension polyment parameter being institution of the cut of t	Prepared by (име и фамилия) (подпис) / (name) (signature)	Bank	institutio	on	Unicred	it Bulbank AD	, Sofia, brand	h Sv. Nedelia

## **JULY**

Вец Своге АД			Ч <u>ЕЗ ЕЛЕ</u>	ктро Б1	ЫЛГАРИЯ АД	ı			
VEZ SVOGHE AD  Доставчик / Supplier  Адрес гр. София, бул.Христофор Колумб №41  Address Sofia, 41 Christopher Columbus Blvd.  Идентификационен номер по ддс / VAT induffication nimbor  В G 2 0 1 3 0 7 9 1 9 1 9  ЕИК/ЕГН / UIC/PIN  2 0 1 3 0 7 9 1 9	Р F И Г Г С И Г А А	Р R Адрес София, ул."Г.С.Раковски"№140 И I Аdress Г G И I Идентификационен номер по ддс / VAT indutification nimbor Н N В G 1 1 7 5 1 1 3 3 8 2 7							
☑ ΦΑΚΤΥΡΑ / INV OICE		-			сто на сделка		я		
☐ Дебитно известие / Debit note Номер	00	000000	96	Pla	ce of the deal				
Към фактура № Дата на издаване:	3	1.7.201	2 г.						
To invoice No. Date of issuance									
№ Наименование на стоките или услугите	Ma	ярка	Колич	ество	Един. цена	Отстыпка	Стойност в BGN		
Name of goods or services		asure	Qua	antity	Unit price	Discount	Value BGN		
Произведена електроенергия от МВЕЦ Лакатник за	κE	Втч		708 066	0.21309		150 881.78		
м. Юли по отчетен протокол от 31.07.2012									
Energy production from HPP Lakatnik for July									
according to protocol from 31.07.2012									
Основание за нулева ставка или неначисляване на ДДС:					Данъчна осно	sa / Tax base	150 881.78		
Legal ground for 0% VAT rate or nonapplication of VAT			١.,		гавка ДДС %/	Tay safe MAT	20%		
Словом всичко: сто осемдесет и една хиляди и петдесет и о	COM DD		- 4	аньчна с		на ДДС / VAT	30 176.36		
и 0.14	CEM JIB		$\vdash$		CTONHOCT	на дщот улт	30 17 0.30		
Say one hundred eightyone thousand and fiftyeight						Всичко / Total	181 058.14		
BGN and 0.14			Cyma sa плащане / Amount to be paid				181 058.14		
Словом сума за плащане: сто осемдесет и една хиляди и петд и 0.14	есет и о	сем лв		,					
Amount to be paid say one hundred eightyone thousand and fiftye BGN and 0.14	ight		-						
Дата на данъчното събитие: 31.7.2012 г.	Пг	лащане			в брой 🔽	с преводно н	нареждане		
Date of the tax event	Pa	ay ment			In cash	bank transfer			
	По	o IBAN	BG33U	NCR7630	010VZSVBGN	N1_BIC:UNC	RBGSF		
		ank Ideni							
Съставил: Пламен Дилков/ Plamen Dilkov	- 1	ри банк					ЈУ, офис Св. Неделя		
Prepared by (име и фамилия) (подлис) / (патю) (signature)	Ba	ank instit	ution	Unicred	it Bulbank AD	, Sofia, branc	ch Sv. Nedelia		

## **AUGUST**

Вец Своге АД         VEZ SVOGHE AD         Доставчик / Supplier         Адрес гр. София, бул.Христофор Колумб №41         Address Sofia, 41 Christopher Columbus Blvd.         Идентификационен номер по ДДС / VAT indetification nimber         В G 2 0 1 3 0 7 9 1 9 1 9         EUK/EFH / UIC/PIN         2 0 1 3 0 7 9 1 9	О О Р R И I Г G И I Н N A A A Л L	Ад Adi Иде В	рес( ress энтификаци   G   1   К/ЕГН / U	София, 10нен ном 7   5 JIC/PIN	ул."Г.С.Рако	Tindetification nin	mber	
		00000100	r.		сто на сделка ce of the deal	ата: <u>България</u>	1	
№ Наименование на стоките или услугите  Name of goods or services		арка asure	Количе Quar		Един. цена Unit price	Отстъпка Discount	Стойност в BGN Value BGN	
Произведена електроенергия от МВЕЦ Лакатник за м. Август по отчетен протокол от 31.08.2012 Energy production from HPP Lakatnik for August according to protocol from 31.08.2012	KE	Зтч	4	463 991	0.21309		98 871.84	
Основание за нулева ставка или неначисляване на ДДС:					Данъчна основ	Ba / Tax base	98 871.84	
Legal ground for 0% VAT rate or nonapplication of VAT  Словом всичко: сто и осемнадесет хиляди шестстотин четир лв. и 0.21	идесет и	Данъчна ставка ДДС идесет и шест Стойн				C % / Tax rate VAT 20% ност на ДДС / VAT 19 774.37		
Say one hundred and eighteen thousand six hundre	d fortysix	k BGN		VM2 22 F	пащане / <i>Ато</i>	Всичко / Total	118 646.21 118 646.21	
and 0.21  Словом сума за плащане: сто и осемнадесет хиляди шестстоти и шест лв. и 0.21  Amount to be paid say one hundred and eighteen thousand six hundred and 0.21	ALCO, HAST A PARK		,	ума за П.	rougane i Allion	an to be pale	370.21	
Дата на данъчното събитие: 31.8.2012 <del>г.</del> Date of the tax event	Pay	јащане: yment IBAN	BG33UN	_	in cash	с преводно н bank transfer N1 BIC UNC	Ot 1990 Management	
Съставил: Пламен Дилковт Plamen Dilkev Prepared by (мме и фаммия) (подпис) I (name) (signature)	Ваг	nk identifica и банка: nk institution	tion	Уникре,	дит Булбанк	АД, София, L	ДУ, офис Св. Неделя th Sv. Nedelia	
B WOOM DIRTO 3 CO								

## **SEPTEMBER**

Вец Своге АД		ЧЕ	3 ЕЛЕКТ	РО БЪ	ЛГАРИЯ АД			
VEZ SVOGHE AD  Доставчик / Supplier Адрес пр. София, бул. Христофор Колуиб №41 Аddress Sofia, 41 Christopher Columbus Blvd.  Идентификационен номер по ДДС / VAT indetification nimber В G 2 0 1 3 0 7 9 1 9  ЕИК/ЕПН / UIC/PIN 2 0 1 3 0 7 9 1 9	О О Р R И I Г G И I Н N А А	Р R						
	<del>-</del>					ата: Българи	я	
☐ Дебитно известие / Debit note  Номер	0000	0000105	_	Pla	ce of the deal			
Към фактура № Дата на издаване:	30.	9.2012	г.					
To invoice No. Date of issuance  № Наименование на стоките или услугите	Мяр		Колич		Един. цена	Отстъпка	Стойност в BGN	
Name of goods or services	Меаs		Qua		Unit orice	Discount	Value BGN	
Произведена електроенергия от МВЕЦ Лакатник за	кВт			223 288			47 580.44	
м. Септември по отчетен протокол от 30.09.2012								
Energy production from HPP Lakatnik for September								
according to protocol from 30.09.2012								
Основание за нулева ставка или неначисляване на ДДС:					Данъчна осно	Ba / Tax base	47 580.44	
Legal ground for 0% VAT rate or nonapplication of VAT					TONS DDC 9/ /	Tax cata I/AT	20%	
Словом всичко: петдесет и седем хиляди деветдесет и шест	пе и 0.53	ž .	Данъчна ставка ДДС % / Tax rate VAT  Стойност на ДДС / VAT				9 516.09	
Transport in Statement Agent Agent Agent in account					O COMPOSITION I		0 0 10.00	
Say fiftyseven thousand ninetysix BGN and 0.53						Всичко / Total	57 096.53	
			С	ума за п	лащане <i>I Ат</i> ю	unt to be paid	57 096.53	
Словом сума за плащане: петдесет и седем жиляди деветдесе 0.53  Amount to be paid say fiftyseven thousand ninetysix BGN and 0.5		В. И						
Дата на данъчното събитие: 30.9.2012 г.	Пла	щане:			в брой 🔽	с преводно н	нареждане	
Date of the tax event	Payn	nent		_	In cash	bank transfer		
				ICR763	010VZSVBGI	N1_BICUNC	RBGSF	
Communic Flaguery Busines Pillery		Identificat		Vinner	num Euroferon	All Coduce !	IV adva Ca Harres	
Съставил: Пламен Дилков/ Plamen Dilkov  Prepared by (име и фамилил) (подпис) / (name) (signature)		банка: Institution					ЦУ, офис Св. Неделя ch Sv. Nedelia	
Lichard n. (use a demand (uddate), frame) (alternate)	Derik	mounus(III)		Giliaeu	it Dulbarik AL	, Jona, Drank	ar ov. Neuclia	

## **OCTOBER**

Вец Своге АД		ЧE	3 ЕЛЕКТ	РО БЪ	ЛГАРИЯ АД		
VEZ SVOGHE AD           Доставчик / Supplier           Адрес         гр. София, бул. Христофор Колумб №41           Address         Sofia, 41 Christopher Columbus Blvd.           Идентификационен номер по ДДС / VAT Indetification nimber           В G 2 0 1 3 0 7 9 1 9 1 9           EUK/EIT-I / UIC/PIN           2 0 1 3 0 7 9 1 9	О О Р R И I Г G И I Н N А А	Adr Vige B	ess нтификац G 1 1	ионен ног 7   5 UIC/PIN	ул. Т.С.Ракс	Tindetification n	
☑ ΦΑΚΤΥΡΑ / INVOICE	•			Мя	сто на сделк	ата: Българи	я
☐ Дебитно известие / Debit поте Номер	0000	0000109		Pla	ce of the deal		
■ Кредитно известие / Credit note Number			_				
Към фактура № Дата на издаване: To invoice No. Date of issuance	31.1	10.2012	г.				
№ Наименование на стоките или услугите	Мяр		Колич		Един. цена		Стойност в BGN
Name of goods or services Произведена електроенергия от МВЕЦ Лакатник за	//leas кВт		Qua	noty 407 853	Unit price 0.21309	Discount	Value BGN 86 909 40
м. Октомври по отчетен протокол от 31.10.2012	KDI	4		<del>1</del> 07 000	0.21308		00 808.40
Energy production from HPP Lakatnik for October							
according to protocol from 31.10.2012							
Основание за нулева ставка или неначисляване на ДДС:					Данъчна осно	Ba / Tax base	86 909.40
Legal ground for 0% VAT rate or nonapplication of VAT			Ла	нъчна ст	гавка ДДС %/	Tax rate VAT	20%
Словом всичко: сто и четири хиляди двеста деветдесет и еди	ин лв. и О.	28	-			на ДДС / VAT	17 381.88
Say one hundred and four thousand two hundred nin	netyone B	GN				Всичко / Total	104 291.28
and 0.28 Словом сума за плащане: сто и четири хиляди двеста деветде			C	ума за п	лащане <i>I Ат</i> ю	unt to be paid	104 291.28
0.28	оет и един	I JIB. W					
Amount to be pald say one hundred and four thousand two hundre BGN and 0.28	d ninetyon	ne					
Дата на данъчното събитие: 31.10.2012 г.	Пла	щане:			в брой 🕡	с преводно і	нареждане
Date of the tax event	Payn				in cash	bank transfer	
				ICR763	U10VZSVBGI	N1_BICUNO	RBGSF
Съставил: Пламен Дилков/ Plamen Dilkov		Identificati банка:		Vuurna	nurr Evn6auv	ΔΠ Corbus	ЦУ, офис Св. Неделя
Prepared by (име и фамилия) (подпис) / (name) (signature)		Institution		Unicred	it Bulbank AD	), Sofia, branc	ch Sv. Nedelia
			-				

## **Monthly invoices**

## **SVRAZHEN**

## **JANUARY**

Вец Своге АД		ЧЕЗ ЕЛЕ	ктро/ба	ЬЛГАРИЯ АД	1	1
VEZ SVOGHE AD			/	11000	11 0.0	
Доставчик / Supplier			AL	Mais	nolar	A
Адрес гр. София, бул.Христофор Колумб №41		Адрес	Cochun	, ул. "Г.С.Рак	ел / Recipien	Huu
Address Sofia, 41 Christopher Columbus Blvd.		Adress	София	, yri. I.C.Paki	овски №140	4
		Erenteni				
Идентификационен номер по ДДС / VAT indetification nimber  В G 2 0 1 3 0 7 9 1 9 1 9		Идентифика	ационен но	мер по ДДС / V	AT indetification n	nimber
EUK/ECH / UIC/PIN		B G 1	7 5	1 3 3	8 2 7	
2 0 1 3 0 7 9 1 9		ENK/ETH	1 1 1 3	3 8 2	171 1 1	1 1
	L	11/13	1113	3 0 2	/	
			Мя	сто на сделка	ата: Българи	g
☐ Дебитно известие / Debit note Номер	000000	0063		ce of the deal		
☐ Кредитно известие / Credit note Number						
Към фактура № Дата на издаване:	31.1.2	012 r.				
To invoice No. Date of issuance	01.1.2	1.				
№ Наименование на стоките или услугите	Мярка	Колич	нество	Един. цена	Отстъпка	Стойност в BGN
Name of goods or services Произведена електроенергия от МВЕЦ Свражен за	Measure	Qua	antity	Unit price	Discount	Value BGN
м. Януари по отчетен протокол от 31.01.2012	кВтч		776 013	0.07554		58 620.02
Energy production from HPP Syrajen for January						
according to protocol from 31.01.2012						
Основание за нулева ставка или неначисляване на ДДС:						
				јанъчна основ	ia / Tax base	58 620.02
Legal ground for 0% VAT rate or nonapplication of VAT		Да	нъчна ста	ввка ДДС %/	Tax rate VAT	20%
Словом всичко: седемдесет хиляди триста четиридесет и чети	ри лв. и 0.0	2		Стойност н	a ДДС / VAT	11 724.00
Say seventy thousand three hundred fortyfour BGN ar	10.00					
severity triousaria triree nundred fortyfour BGN ar	nd 0.02				сичко / Total	70 344.02
Словом сума за плащане: седемдесет хиляди триста четиридесе	т и четири	пв	ума за пл	ащане / Атои	int to be paid	70 344.02
и 0.02	7.5%					
Amount to be paid say seventy thousand three hundred fortyfour BG	N and 0.02	_				
Дата на данъчното събитие: 31.1.2012 г.						
Date of the tax event	Плащан Раутелі				преводно н	ареждане
	По ІВАМ				bank transfer	RRGSE
/N /Y	The state of the s	ntification			. DIO OIVOI	IDGGF
Съставил: Пламен Дилков/ Plamen Dilkov  Prepared by (име и фамилия) (подпис) (пата) (подпис)	При бан	ка:	Уникред	ит Булбанк А	Д. София, Ц	У, офис Св. Неделя
Prepared by (име и фамилия) (подпис) t (name) (signature)	Bank ins	titution	Unicredit	Bulbank AD,	Sofia, branch	Sv. Nedelia
SNO17						

## **FEBRUARY**

Вец Своге АД		Ч <u>ЕЗ ЕЛЕКТРО</u> Б	ългария а	п	
VEZ SVOGHE AD					
Доставчик / Supplier			Попуча	тел / Recipien	*
Адрес <u>гр. София, бул.Христофор Колумб №41</u> Address Sofia, 41 Christopher Columbus Blvd.	1 2	Адрес София	, ул. "Г.С.Рак	овски"№140	
	'	Adress			
Идентификационен номер по ДДС / VAT indetification nimber В G 2 0 1 3 0 7 9 1 9	\  \  \  \  \	дентификационен н	омер по ДДС / У	AT indetification	nimhar
ENK/EFH / UIC/PIN		3 G 1 7 5	1 3 3	8 2 7	
2 0 1 3 0 7 9 1 9		UK/EFH / UIC/PIN	1		
✓ ΦAKTYPA / INVOICE		1,10,11,0	3 6 2	7	
Пебитно извостие / Ваки				ата: Българи	19
Пи	000000006	8 Pla	ice of the dea	1	
16					
To invoice No.	29.2.2012	г.			
№ Наименование на стоките или услугите	Мярка	Количество	Един, цена	Отстъпка	Cressus - BON
Name of goods or services Произведена електроенергия от МВЕЦ Свражен за	Measure	Quantity	Unit price	Discount	Стойност в BGN Value BGN
м. Февруари по отчетен протокол от 29 02 2012	кВтч	953 183	0.07554		72 003.44
Energy production from HPP Syraien for February					
аccording to protocol from 29.02.2012 Пълен размер на призната тарифа 0.21309 лв./КВтч					
Fully recognised tariff 0.21309 BGN/ kWh					
Основание за нулева ставка или неначисляване на ДДС:					
		I	јанъчна основ	a / Tax base	72 003.44
Legal ground for 0% VAT rate or nonapplication of VAT		Панъчна ст	авка ДДС %/	Tau 1 - 1 / 4 T	200
Словом всичко: Осемдесет и шест хиляди четиристотин и чети	1ри лв. и 0.13	Actionia cit		a ДДС / VAT	20% 14 400.69
Say Eightysix thousand four hundred and four BGN ar	nd 0 13				11100.00
		Сума за пл	ащане / <i>Атоц</i>	сичко / Total	86 404.13 86 404.13
Словом сума за плащане: Осемдесет и шест хиляди четиристоти лв. и 0.13	ін и четири			in to be paid	00 404.13
Amount to be paid say Eightysix thousand four hundred and four BG	N and 0.13				
Дата на данъчното събитие: 29.2.2012 г.  Date of the tax event	Плащане:		в брой 🔽 (	с преводно на	эрежлане
Date of the lax event	Payment		in cash	hank transfer	200-200-00-00-00-00-00-00-00-00-00-00-00
- (8 mg // A)	Bank identific	BG33UNCR7630	10VZSVBGN	1_BIC_UNCF	RBGSF
Съставил: Prepared by  Пламен Дилков/ Plamen Dilkov  (име и фемилия) (подпис) / (падпе) (signature)	При банка:	Уникред	ит Булбанк А	Д, София, Ц	У, офис Св. Неделя
(Fine in <del>Quantiting) (Flograncy r (name)</del> (signature)	Bank institution	Unicredit	Bulbank AD,	Sofia, branch	Sv. Nedelia
16 W. 2-96, 7	)		-0.000		
A & SVOW		al	C POW		
		1.6	6	9/	
		/4	I CROKE	10,7	
		0 1	Town I	3	
		一	CONT.	0	
		120	104	5/	
		10	SUDDE		
			HH BU	пг	
11	and the state of			LADA	
TK				AHA	
(-11)					

## MARCH

Вец Своге АД		ЧЕ	3 ЕЛЕКТ	гро Бъ	ПГАРИЯ АД		
VEZ SVOGHE AD  Доставчик / Supplier  Адрес гр. София, бул. Христофор Колумб №41  Address Sofia, 41 Christopher Columbus Blvd.  Идентификационен номер по ддС /VAT indutfication nimbor  В G 2 0 1 3 0 7 9 1 9  ЕИК/ЕГН / UIC/PIN  2 0 1 3 0 7 9 1 9	О О Р R И I Г G И I Н N А А	Аdr Иде В	G 1	ионен ном 7 5 UIC/PIN	ул."Г.С.Рако	indetification nin	nber
						ата: Българи	я
☐ Дебитно известие / Debit note Номер	0000	000075		Pla	ce of the deal		
■ Кредитно известие / Credit note Number							
Към фактура № Дата на издаване:	31.3	3.2012	r.				
To invoice No. Date of issuance							
№ Наименование на стоките или услугите	Мярк			ество	Един. цена		Стойност в BGN
Name of goods or services	Measu			entity	Unit price	Discount	Value BGN
Произведена електроенергия от МВЕЦ Свражен за	κВπ	-	2	050 059	0.21309		436 847.07
м. Март по отчетен протокол от 31.03.2012							
Energy production from HPP Svrajen for March according to protocol from 31.03.2012							
according to protocol from 31.03.2012							
Основание за нулева ставка или неначисляване на ДДС:				Į	Данъчна осно	sa / Tax base	436 847.07
Local around for OV MAT rate or personalization of MAT					550 % /	Toursele MAT	2007
Legal ground for 0% VAT rate or nonapplication of VAT  Словом всичко: петстотин двадесет и четири хиляди двеста	ишестиле		Да	ньчна ст	авка ДДС % /	лах гаше VA I	20% 87 369.41
лв. и 0.48	и шестнад	lecei			CTOWNOCT	а ддс г ил г	07 309,41
Say five hundred twentyfour thousand two hundred	and sixteer	,			F	сичко / Total	524 216.48
BGN and 0.48	and derice		С	ума за пл	пащане / Атто	unt to be paid	524 216.48
Словом сума за плащане: петстотин двадесет и четири хиляди	двеста и			,			
лв. и 0.48							
Amount to be paid say five hundred twentyfour thousand two hund	lred and six	cteen					
BGN and 0.48							
Дата на данъчното събитие: 31.3.2012 г.	Пла	щане:			в брой 🗸	с преводно н	нареждане
Date of the tax event	Payr			_	in cash	bank transfer	•
	По І	BAN	BG33UI	NCR763	010VZSVBGI	N1_BIC_UNC	RBGSF
		identifi					
Съставил: Пламен Дилков/ Plamen Dilkov		банка:		Уникре,	дит Булбанк	АД, София, І	У, офис Св. Неделя
Prepared by (име и фамилия) (подлис) / (name) (signature)	Bank	institut	ion	Unicred	rt Bulbank AD	, Sofia, branc	h Sv. Nedelia

## **APRIL**

Вец Своге АД         VEZ SVOGHE AD         Доставчик / Supplier         Адрес гр. София, бул. Христофор Колумб №41         Address Sofia, 41 Christopher Columbus Blvd.         Идентификационен номер по ДДС / VAT indetification nimber         В В В 2 0 1 3 0 7 9 1 9 1 9         EUK/EГН / UIC/PIN         2 0 1 3 0 7 9 1 9	Adj Adr	pec	София, онен ном 7   5	ул."Г.С.Рако	n / Recipient BCKN*Nº140  Indetification nim 8   2   7	iber
	30.4.2012	r.		сто на сделка ce of the deal	эта: България	R
№ Наименование на стоките или услугите	Мярка	Количе		Един. цена		Стойност в BGN
Name of goods or services	Measure	Quan		Unit price	Discount	Value BGN 475 844.89
Произведена електроенергия от МВЕЦ Свражен за	кВтч	22	33 070	0.21309		4/5 844.85
м. Април по отчетен протокол от 30.04.2012						
Energy production from HPP Syrajen for April		n Prince				
according to protocol from 30.04.2012						
		7.5				
Основание за нулева ставка или неначисляване на ДДС:			1	Данъчна основ	Ba / Tax base	475 844.89
Legal ground for 0% VAT rate or nonapplication of VAT		Дан	ъчна ст	авка ДДС %/		20%
Словом всичко: петстотин седемдесет и една хиляди тринаде	сет лв. и 0.87	- 100		Стойност н	на ДДС / VAT	95 168.98
					Всичко / Total	571 013.87
Say five hundred seventyone thousand thirteen BGN	and 0.87	Cvi	Ma 3a nr	пащане / Ато		571 013.87
Словом сума за плащане : петстотин седемдесет и една хиляди лв. и 0.87  Amount to be paid say five hundred seventyone thousand thirteen E			30.10	recognitive of PSITAL	ore the prefit	331007
Дата на данъчното събитие: 30.4.2012 г.  Date of the tax event  Съставил: Пламен Дилков/ Plamen Dilkov  Prepared by (име и фамилия) (падре) (	Плащане; Payment По IBAN Bank identifi При банка: Bank institut	cation	СR763	in cash 010VZSVBGN		RBGSF ЦУ, офис Св. Неделя

## MAY

Вец Своге АД		ЧЕ <u>3</u>	ЕЛЕКТ	РО БЪ	ТАРИЯ АД		
VEZ SVOGHE AD  Доставчик / Supplier  Адрес гр. София, бул. Христофор Колумб №41  Address Sofia, 41 Christopher Columbus Blvd.  Идентификационен номер по ДДС / VAT Indetification nimber  В G 2 0 1 3 0 7 9 1 9  ЕИК/ЕГН / UIC/PIN  2 0 1 3 0 7 9 1 9	О О Р R И Г G И I Н N A A L	В	55 тификаці G 1	nonen nom 7 5	ул. Т.С.Рако	Findetification nim	iber
	00000	000087			сто на сделка се of the deal	ата: <u>България</u>	A
Помер Поме	00000	,000001	-				
Към фактура № Дата на издаване: То invoice No. Date of issuance	31.5	2012	r.				
№ Наименование на стоките или услугите	Мярк	a	Колич	ество	Един. цена	Отстъпка	Стойност в BGN
Name of goods or services	Measu	_		ntity	Unit price	Discount	Value BGN
Произведена електроенергия от МВЕЦ Свражен за	кВтч		1	698 947	0.21309		362 028.62
м. Май по отчетен протокол от 31.05.2012		$\rightarrow$					
Energy production from HPP Svrajen for May according to protocol from 31.05.2012		$\rightarrow$					
according to protocol from \$1.05.2012		$\rightarrow$					
		$\overline{}$					
Основание за нулева ставка или неначисляване на ДДС:				ı	Данъчна осно	sa / Tax base	362 028.62
Legal ground for 0% VAT rate or nonapplication of VAT					авка ДДС %/	Tax rate I/AT	20%
Словом всичко: четиристотин тридесет и четири хиляди чети	пистотин т	гриле-	да	н вчна ст		лах лаце VAT	72 405.72
сет и четири лева и 0.34	.prioronani	-			C. C	предотить	72 100.72
Say four hundred thirtyfour thousand four hundred ti	hirtyfour BG	in			E	сичко / Total	434 434.34
and 0.34	-	Γ	C	ума за пл	пащане / Ато	unt to be paid	434 434.34
Словом сума за плащане: четиристотин тридесет и четири хил четиристотин тридесет и четири лев							
Amount to be paid say							
Дата на данъчното събитие: 31.5.2012 г.  Date of the tax event	Paym No IE	BAN E		_	In cash	с преводно н bank transfer N1BIC_UNC	
Съставил: Пламен Дилков/ Plamen Dilkov Prepared by (име и фамилил) (подпис) / (name) (signature)	При	identifica банка: institutio		Уникред Unicred	дит Булбанк it Bulbank AD	АД, София, L ), Sofia, brand	У, офис Св. Неделя h Sv. Nedelia

## JUNE

VEZ SVOGHE AD   Доставчик / Supplier   Адрес   Доставчик / Supplier   Доставчик / Supplier / Supplier   Доставчик / Supplier / Supplier   Доставчик / S
Дебитно известие / Debit note   Homep   000000093   Place of the deal
Кредитно известие / Debit note   Number
Към фактура № Дата на издаване: 30.6.2012 г.  То invoice No. Date of issuance  Мярка Количество Един. цена Отстъпка Стойност в BGN Value BGN Произведена електроенергия от MBEЦ Свражен за кВтч 1 497 592 0.21309 319 121.88  м. Юни по отчетен протокол от 30.08.2012
To invoice No.  Date of issuance  Ne  Haименование на стоките или услугите  Name of goods or services  Произведена електроенергия от MBEЦ Свражен за  м. Юни по отчетен протокол от 30.06.2012  Energy production from HPP Svrajen for June  according to protocol from 30.06.2012  Основание за нулева ставка или неначисляване на ДДС:  Legal ground for 0% VAT rate or nonapplication of VAT  Словом всичко:  Триста осемдесет и две хиляди деветстотин четиридесет и  шест лв. и 0.26
№ Наименование на стоките или услугите  Мате of goods or services Меаsure Произведена електроенергия от MBEЦ Свражен за М. Юни по отчетен протокол от 30.06.2012 Елегду production from HPP Syrajen for June аccording to protocol from 30.06.2012 Основание за нулева ставка или неначисляване на ДДС:  Legal ground for 0% VAT rate or nonapplication of VAT Словом всичко: триста осемдесет и две хиляди деветстотин четиридесет и шест лв. и 0.26
Name of goods or services     Measure     Quantity     Unit price     Discount     Value BGN       Произведена електроенергия от MBEЦ Свражен за     кВтч     1 497 592     0.21309     319 121.88       м. Юни по отчетен протокол от 30.06.2012     вегду production from HPP Svrajen for June     1 497 592     0.21309     319 121.88       асcording to protocol from 30.06.2012     вассоти утак в при не п
Произведена електроенергия от МВЕЦ Свражен за       кВтч       1 497 592       0.21309       319 121.88         м. Юни по отчетен протокол от 30.06.2012       Energy production from HPP Syrajen for June       319 121.88         асcording to protocol from 30.06.2012       319 121.88         Основание за нулева ставка или неначисляване на ДДС:       Данъчна основа / Тах base       319 121.88         Legal ground for 0% VAT rate or nonapplication of VAT       Данъчна ставка ДДС % / Тах rate VAT       20%         Словом всичко:       триста осемдесет и две хиляди деветстотин четиридесет и шест лв. и 0.26       Стойност на ДДС / VAT       63 824.38
м. Юни по отчетен протокол от 30.06.2012  Energy production from HPP Svrajen for June according to protocol from 30.06.2012  Основание за нулева ставка или неначисляване на ДДС:  Данъчна основа / Тах base 319 121.88  Legal ground for 0% VAT rate or nonapplication of VAT Словом всичко: триста осемдесет и две хиляди деветстотин четиридесет и шест лв. и 0.26
Energy production from HPP Svrajen for June according to protocol from 30.06.2012  Основание за нулева ставка или неначисляване на ДДС:  Данъчна основа / Тах base З19 121.88  Legal ground for 0% VAT rate or nonapplication of VAT Словом всичко: триста осемдесет и две хиляди деветстотин четиридесет и шест лв. и 0.26
according to protocol from 30.06.2012         Основание за нулева ставка или неначисляване на ДДС:       Данъчна основа / Тах base       319 121.88         Legal ground for 0% VAT rate or nonapplication of VAT       Данъчна ставка ДДС % / Тах rate VAT       20%         Словом всичко:       триста осемдесет и две хиляди деветстотин четиридесет и шест лв. и 0.26       Стойност на ДДС / VAT       63 824.38
Основание за нулева ставка или неначисляване на ДДС:         Данъчна основа / Тах base         319 121.88           Legal ground for 0% VAT rate or nonapplication of VAT         Данъчна ставка ДДС % / Тах rate VAT         20%           Словом всичко :         триста осемдесет и две хиляди деветстотин четиридесет и шест лв. и 0.26         Стойност на ДДС / VAT         63 824.38
Данъчна основа / Тах Dase 319 121.88  Legal ground for 0% VAT rate or nonapplication of VAT  Словом всичко: триста осемдесет и две хиляди деветстотин четиридесет и шест лв. и 0.26
Данъчна основа / Тах Dase 319 121.88  Legal ground for 0% VAT rate or nonapplication of VAT  Словом всичко: триста осемдесет и две хиляди деветстотин четиридесет и шест лв. и 0.26
Словом всичко: триста осемдесет и две хиляди деветстотин четиридесет и Стойност на ДДС / VAT 63 824.38 шест лв. и 0.26
Словом всичко: триста осемдесет и две хиляди деветстотин четиридесет и Стойност на ДДС / VAT 63 824.38 шест лв. и 0.26
шест лв. и 0.26
and 0.26 Сума за плащане / Amount to be paid 382 946.26
Словом сума за плащане: триста осемдесет и две хиляди деветстотин
четиридесет и шест лв. и 0.26
Amount to be paid say three hundred eightytwo thousand nine hundred fortysix
BGN and 0.28
Дата на данъчното събитие:30.6.2012г. Плащане: в брой 🕝 с преводно нареждане
Date of the tax event Payment In cash bank transfer
□ IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF
Bank Identification
Съставил:     Пламен Дилков/ Plamen Dilkov     При банка:     Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя       Prepared by     (име и фамилил) (подпис) / (подпис) / (подпис)     Валк Institution     Unicredit Bulbank AD, Sofia, branch Sv. Nedelia
Prepared by (име и фамилил) (подпис) / (пате) (signature) Bank Institution Unicredit Bulbank AD, Sofia, branch Sv. Nedelia

## **JULY**

Вец Своге АД		ЧЕ	3 ЕЛЕКТ	гро Бъ	ПГАРИЯ АД		
VEZ SVOGHE AD  Доставчик / Supplier  Адрес гр. София, бул. Христофор Колумб №41  Address Sofia, 41 Christopher Columbus Blvd.  Идентификационен номер по ДДС /VAT indutification nimbor  В G 2 0 1 3 0 7 9 1 9  ЕИК/ЕГН / UIC/PIN  2 0 1 3 0 7 9 1 9	О О Р В И І Г О И І Н N	Adr	ess нтификац G 1 VEГН /	ионен ном 7 5 UIC/PIN	ул."Г.С.Рако	indetification nin	
☑ ΦΑΚΤΥΡΑ / INVOICE						ата: Българи	я
☐ Дебитно известие / Debit note Номер	000	00000097		Pla	ce of the deal		
□ Кредитно известие / Credit note     Number							
Към фактура № Дата на издаване:	31	.7.2012	r.				
To invoice No. Date of issuance							
№ Наименование на стоките или услугите	Мя	рка	Колич	ество	Един. цена	Отстъпка	Стойност в BGN
Name of goods or services	Mea	sure	Qua	intity	Unit price	Discount	Value BGN
Произведена електроенергия от МВЕЦ Свражен за	кВ	된		821 224	0.21309		174 994.62
м. Юли по отчетен протокол от 31.07.2012							
Energy production from HPP Svrajen for July							
according to protocol from 31.07.2012							
Основание за нулева ставка или неначисляване на ДДС:				ı	Данъчна основ	sa / Tax base	174 994.62
			_				200/
Legal ground for 0% VAT rate or nonapplication of VAT  Словом всичко: двеста и девет хиляди деветстотин деветде			да	нъчна ст	авка ДДС % /	rax rate vA r на ДДС / VA T	20% 34 998 92
лв. и 0.54	оегитри	n			CTOWHOCT H	а ддс / ул /	34 880.82
Say two hundred and nine thousand nine hundred n	inabthra	e BGN			-	CMNKO / Total	209 993.54
and 0.54	mietynne	e built	С	ума за п	пащане / Агпо		209 993.54
Словом сума за плащане : двеста и девет хиляди деветстотин,	деветдес	сет и		jina sa ia	in the state of th	an to be pad	200 000.04
три лв. и 0.54							
Amount to be paid say two hundred and nine thousand nine hundr	ed ninety	three					
BGN and 0.54			•				
Дата на данъчното събитие: 31.7.2012 г.	Пп	пащане:			в брой √	с преводно н	нареждане
Date of the tax event		vment			in cash	bank transfer	
			BG33UI	NCR763	010VZSVBGI	N1 BIC UNC	RBGSF
	Ba	nk identili	cation				
Съставил: Пламен Дилков/ Plamen Dilkov	Пр	и банка:		Уникре,	дит Булбанк.	АД, София, І	<b>ЦУ, офис Св. Неделя</b>
Prepared by (име и фамилия) (подпис) / (name) (signature)	Ba	nk instituti	ion	Unicred	it Bulbank AD	), Sofia, branc	h Sv. Nedelia

## **AUGUST**

Вец Своге АД		ЧЕ <u>З ЕЛ</u>	ЕКТРО БЪЈ	ГАРИЯ АД		
VEZ SVOGHE AD  Доставчик / Supplier  Адрес гр. София, бул. Христофор Колумб №41  Address Sofia, 41 Christopher Columbus Blvd.  Идентификационен номер по ДДС / VAT indetification nimber  В G 2 0 1 3 0 7 9 1 9 1 9  ЕИК/ЕГН / UIC/PIN  2 0 1 3 0 7 9 1 9	О О Р R И I Г G И I Н N А A Л L	B G ENK/ELL	пкационен ном 1   7   5	ул."Г.С.Рако	indetification nin	nber
✓ ФАКТУРА / INVOICE         Номер           Дебитно известие / Debit note         Номер           Кредитно известие / Credit note         Number           Към фактура №         Дата на издаване:           То invoice No.         Date of issuance	31.8.	00101 2012		сто на сделка ce of the deal	ата: <u>България</u>	7
№     Наименование на стоките или услугите       Name of goods or services	Мярка Measure	2.0	личество Quantity	Един. цена Unit price	Отстъпка Discount	Стойност в BGN Value BGN
Произведена електроенергия от МВЕЦ Свражен за м. Август по отчетен протокол от 31.08.2012  Energy production from HPP Svrajen for August according to protocol from 31.08.2012	кВтч		574 968	0.21309		122 519.93
Основание за нулева ставка или неначисляване на ДДС:	h)			Данъчна осно	sa / Tax base	122 519.9
Legal ground for 0% VAT rate or nonapplication of VAT Словом всичко: сто четиридесет и седем хиляди двадесет и	три лв. и 0.	.92	Данъчна ст	авка ДДС % / Стойност н	Tax rate VAT	20% 24 503.99
Say one hundred fortyseven thousand twentythree в Словом сума за плащане : сто четиридесет и седем хиляди два		-	Сума за п.	Б пащане / <i>Ато</i> й	ісичко / Total unt to be paid	147 023.92 147 023.92
N 0.92  Amount to be paid say one hundred fortyseven thousand twentyth and 0.92	ree BGN					
Дата на данъчното събитие: 31.8.2012 г.  Date of the tax event  Съставил: Пламен Дилков/ Plamen Dilkov  Prepared by (име и фамилия) (подпис) / (пате) (signature)	Валк При б	ent	уникре	in cash 010VZSVBGN дит Булбанк		
SWOOD DIRTON						

## **SEPTEMBER**

Вец Своге АД	.	ЧЕ	3 ЕЛЕКТ	РО БЫ	ПГАРИЯ АД		
VEZ SVOGHE AD           Доставчик / Supplier           Адрес гр. София, бул. Христофор Колумб №41           Address Sofia, 41 Christopher Columbus Blvd.           Идентификационен номер по ДДС / VAT Indetfication nimber           В G 2 0 1 3 0 7 9 1 9           EИК/ЕГН / UIC/PIN           2 0 1 3 0 7 9 1 9	О О Р R И І Г G И І Н N А А Л L	В	еss нтификац G 1	ионен ном 7   5 UIC/PIN	ул."Г.С.Ракс	Tindetification ni	mber
						ата: Българи	Я
☐ Дебитно известие / Debit поте  Номер  Номер  Первинен  Номер  Номер  Первинен  Номер  Номер	00000	00106	3	Pla	ce of the deal		
□ Кредитно известие / Credit note     Number							
Към фактура № Дата на издаване:  To invoice No. Date of issuance	30.9.	.2012	r.				
№ Наименование на стоките или услугите	Мярка	а	Колич	ество	Един. цена	Отстъпка	Стойност в BGN
Name of goods or services	Measur	re	Qua	ntity	Unit price	Discount	Value BGN
Произведена електроенергия от МВЕЦ Свражен за	кВтч			418 161	0.21309		89 105.93
м. Септември по отчетен протокол от 30.09.2012							
Energy production from HPP Svrajen for September							
according to protocol from 30.09.2012							
Основание за нулева ставка или неначисляване на ДДС:							00 405 02
					Данъчна осно	sa / Tax base	89 105.93
Legal ground for 0% VAT rate or nonapplication of VAT			Па	NEUNS OF	авка ДДС %/	Tay rate VAT	20%
Словом всичко: сто и шест хиляди деветстотин двадесет и с	елем пв. и	1	-	1104110101		а ДДС / VAT	17 821.19
0.12							
Say one hundred and six thousand nine hundred tw	entyseven E	BGN			E	сичко / Total	106 927.12
and 0.12			С	ума за пл	пащане / Ато	unt to be paid	106 927.12
Словом сума за плащане: сто и шест хиляди деветстотин двад	цесет и седе	ем					
лв. и 0.12							
Amount to be paid say one hundred and six thousand nine hundre BGN and 0.12	ed twentysev	/en					
Дата на данъчното събитие: 30.9.2012 г.	Плац	цане:			в брой 🔽	с преводно н	нареждане
Date of the tax event	Paym				in cash	bank transfer	
				NCR763	010VZSVBG1	N1 BIC UNC	RBGSF
		Identifi					
Съставил: Пламен Дилков/ Plamen Dilkov	_	банка:		Уникре,	дит Булбанк	АД, София, L	У, офис Св. Неделя
Prepared by (име и фамилия) (подпис) / (name) (signature)	Bank	Institut	ion	Unicred	it Bulbank AD	), Sofia, branc	h Sv. Nedelia

## **OCTOBER**

Вец Своге АД         VEZ SVOGHE AD         Доставчик / Supplier         Адрес гр. София, бул. Христофор Колумб №41         Address         Sofia, 41 Christopher Columbus Blvd.         Идентификационен номер по ДДС / VAT Indetification nimber         В G 2 0 1 3 0 7 9 1 9 1 9         EMIX/EFH / UIC/PIN         2 0 1 3 0 7 9 1 9	О О О Р R И Г G И I Н N A A L	Ад Adr Иде В	рес ress ентификац G 1 К/ЕГН /	София, ионен ном 7   5 UIC/PIN	ул."Г.С.Ракс	Findetification ni	mber
					сто на сделка се of the deal	ата: Българи	я
☐ Дебитно известие / Debit note Номер	00000	000110	)	Pla	ce or the deal		
☐ Кредитно известие / Credit note Number							
Към фактура № Дата на издаване: To invoice No. Date of issuance	31.10	0.2012	г.				
№ Наименование на стоките или услугите	Мярк	a	Колич	ество	Един. цена	Отстъпка	Стойност в BGN
Name of goods or services	Measu		Qua	ntity	Unit price	Discount	Value BGN
Произведена електроенергия от МВЕЦ Свражен за	кВтч			541 127	0.21309		115 308.75
м. Октомври по отчетен протокол от 31.10.2012							
Energy production from HPP Svrajen for October							
according to protocol from 31.10.2012							
Основание за нулева ставка или неначисляване на ДДС:					Данъчна осно	sa / Tax base	115 308.75
Legal ground for 0% VAT rate or nonapplication of VAT			Да	нъчна ст	авка ДДС % /		20%
Словом всичко: сто тридесет и осем хиляди триста и седемд	цесет лв. и	0.50			Стойност н	a ДДС / VAT	23 061.75
Say one hundred thirtyeight thousand three hundred	d and seven	ıtv			E	сичко / Total	138 370.50
BGN and 0.50	a dina seven	.,,	С	ума за пл	пащане / Ато		138 370.50
Словом сума за плащане: сто тридесет и осем хиляди триста и	и седемдес	ет		•			
лв. и 0.50							
Amount to be paid say one hundred thirtyeight thousand three hur	ndred and						
seventy BGN and 0.50							
Дата на данъчното събитие: 31.10.2012 г.	1	цане:				с преводно н	нареждане
Date of the tax event	Paym		DC22: "	JODZES	in cash	bank transfer	DDCCE
		IAN Identin		VUR/63	JIUVZSVBGI	II BIC UNC	RBUSH
Съставил: Пламен Дилков/ Plamen Dilkov		лиепшіі банка:		Vникре	пит Булбану	AЛ Corbes I	ЈУ, офис Св. Неделя
Prepared by (име и фамилия) (подпис) / (name) (signature)		Institut					h Sv. Nedelia

## Monthly invoices

## **TZEROVO**

## MAY

Вец Своге АД		- чE3	ЕЛЕКТ	РО БЪЛ	ТАРИЯ АД		
VEZ SVOGHE AD  Доставчик / Supplier  Адрес гр. София, бул. Христофор Колумб №41  Address Sofia, 41 Christopher Columbus Blvd.  Идентификационен номер по ДДС / VAT indetification nimber  В   G   2   0   1   3   0   7   9   1   9	О Р I G I N A	Адр <i>Adre</i> Иден	ec	София, понен ном 7   5	Получате ул."Г.С.Рако	indetification nim	iber
2 0 1 3 0 7 9 1 9	л г				3   8   2	7	
✓ ФАКТУРА / INVOICE         Номер           Дебитно известие / Debit note         Homep           Кредитно известие / Credit note         Number           Към фактура №         Дата на издаване:           То invoice No.         Date of issuance		2012	_ r.		сто на сделка ce of the deal	та: България	1
№ Наименование на стоките или услугите  Name of goods or services Произведена електроенергия от МВЕЦ Церово за периода	Мярка Measur кВтч	re	Колич Qua	5511755	Един. цена Unit price 0.22283	Отстъпка Discount	Стойност в BGN Value BGN 156 425.55
20.04.2012- 16.05.2012 no orveren riporokon or 18.06.2012 Energy production from HPP Tserovo for the period 20.04.2012- 16.05.2012 according to protocol from 18.06.2012	ND14			701 333	0.22200		130 423.33
Основание за нулева ставка или неначисляване на ДДС:				Į.	анъчна основ	a / Tax base	156 425.55
Legal ground for 0% VAT rate or nonapplication of VAT  Словом всичко: сто осемдесет и седем хиляди седемстотин и 0.66	и десет лв	.	Да	нъчна ста	авка ДДС % / Т Стойност н	Tax rate VAT a ДДС / VAT	20% 31 285.11
Say one hundred eightyseven thousand seven hundred ten BGN and 0.66 Словом сума за плащане : сто осемдесет и седем хиляди седен десет лв. и 0.66			C	/ма за пл	В ащане / Атои	сичко / Total int to be paid	187 710.66 187 710.66
Amount to be paid say one hundred eightyseven thousand seven ten BGN and 0.66	hundred and	d					
Дата на данъчното събитие: 18.6.2012 г.  Date of the tax event  Съставил: Пламен Диліков/ Plamen-Dilikov  Prepared by (кме выфамилия) (подпис) (пате) (signetifies)	При	ent	ation	) ICR7630 Уникред	in cash 010VZSVBGN цит Булбанк А	с преводно н bank transfer I1 BIC UNC AД, София, Ц , Sofia, branch	RBGSF У, офис Св. Неделя
ten BGN and 0.66  Дата на данъчното събитие: 18.6.2012 г.  Date of the tax event  Съставил: Пламен Дилков/ Plamen-Dilkov	Плац Раут По IE Валк	цане: ent BAN E identifica банка:	ation	) ICR7630 Уникред	in cash 010VZSVBGN цит Булбанк А	bank transfer I1BIC_UNC AД, София, Ц	RBGSF У, офис Св. Неделя

Вец Своге АД		ЧЕ	3 ЕЛЕКТ	гро Бъ	ПГАРИЯ АД		
VEZ SVOGHE AD  Доставчик / Supplier  Адрес гр. София, бул. Христофор Колумб №41  Address Sofia, 41 Christopher Columbus Blvd.  Идентификационен номер по ДДС / VAT indutification nimber  В G 2 0 1 3 0 7 9 1 9  ЕИК/ЕГН / UIC/PIN  2 0 1 3 0 7 9 1 9	О О Р R И I Г G И I Н N А A	Adr Adr	ess HTWФИКАЦ G 1	ионен ном 7 5 UIC/PIN	Получате ул."Г.С.Рако ер по ддс / VA1 1 3 3	indetification nin	
				Мя	сто на сделка	ата: Българи	я
☐ Дебитно известие / Debit note Номер	0000	0000088		Pla	ce of the deal		
Към фактура № Дата на издаване:	31.	5.2012	r.				
To invoice No. Date of issuance							
№ Наименование на стоките или услугите	Мяр			ество	Един. цена	Отстъпка	Стойност в BGN
Name of goods or services Произведена електроенергия от МВЕЦ Церово за периода	Меая кВт			intity 672 762	Unit price 0.22283	Discount	Value BGN 149 911.56
17.05.2012- 31.05.2012 по отчетен протокол от 31.05.2012	KDI	ч		0/2/02	0.22263		149 911.50
Energy production from HPP Tserovo for the period							
17.05.2012- 31.05.2012 according to protocol from 31.05.2012							
Основание за нулева ставка или неначисляване на ДДС:				ı	Данъчна основ	sa / Tax base	149 911.56
Legal ground for 0% VAT rate or nonapplication of VAT					авка ДДС %/	Tax rate VAT	20%
Словом всичко: сто седемдесет и девет хиляди осемстотин	певетлеся	ети	Да	novila CI		лах гаке VA T	29 982.31
три лева и 0.87	4						20 002.01
Say one hundred seventynine thousand eight hundr	ed ninetytl	hree			В	сичко / Total	179 893.87
and 0.87			С	ума за пл	пащане / Ато	unt to be paid	179 893.87
Словом сума за плащане: сто седемдесет и девет хиляди осег	истотин						
деветдесет и три лева и 0.87							
Amount to be paid say one hundred seventynine thousand eight h ninetythree and 0.87	undred						
Дата на данъчното събитие: 31.5.2012 г.	Dna	ащане:			в брой Г∕	с преводно н	нареждане
Date of the tax event		ment			in cash	bank transfer	Top Companie
			BG33UI	NCR763	010VZSVBGI	N1 BIC UNC	RBGSF
	Ban	k Identifi	cation				
Съставил: Пламен Дилков/ Plamen Dilkov	При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неде Bank Institution Unicredit Bulbank AD, Sofia, branch Sv. Nedelia					ЈУ, офис Св. Неделя	
Prepared by (име и фамилия) (подпис) / (name) (signature)	Ban	kinstituti	on	Unicred	it Bulbank AD	, Sofia, branc	ch Sv. Nedelia

## JUNE

VEZ SVOGHE AD    Appec   D. Codyur, бул Христофор Колумб №41   P R Adress   Sofia, 41 Christopher Columbus Blvd.   P R M I I Germiphasuµonen nouse pro D,DC / VAT indeffication nimber   M I I Retermiphasuµonen nouse pro D,DC / VAT indeffication nimber   M I I Retermiphasuµonen nouse pro D,DC / VAT indeffication nimber   M I I Retermiphasuµonen nouse pro D,DC / VAT indeffication nimber   M I I Retermiphasuµonen nouse pro D,DC / VAT indeffication nimber   M I I Retermiphasuµonen nouse pro D,DC / VAT indeffication nimber   M I I Retermiphasuµonen nouse pro D,DC / VAT indeffication nimber   M I I Retermiphasuµonen nouse pro D,DC / VAT indeffication nimber   M I I Retermiphasuµonen nouse pro D,DC / VAT indeffication nimber   M I I Retermiphasuµonen nouse pro D,DC / VAT indeffication nimber   M I I Retermiphasuµonen nouse pro D,DC / VAT indeffication nimber   M I I Retermiphasuµonen nouse pro D,DC / VAT indeffication nimber   M I I Retermiphasuµonen nouse pro D,DC / VAT indeffication nimber   M I I I Retermiphasuµonen nouse pro D,DC / VAT indeffication nimber   M I I I I Retermiphasuµonen nouse pro D,DC / VAT indeffication nimber   M I I I I I I I I I I I I I I I I I I	Вец Своге АД		.	ЧE	3 ЕЛЕКТ	гро Бъ	ПГАРИЯ АД		
Дебитно известие / Стедит поте   Номер   0000000094   Place of the deal	Aдрес гр. София, 6 Address Sofia, 41 Chr  Идентификационен номер В G 2 0 1  EИК/ЕГН / UIC/PIN	ул.Христофор Колумб №41 stopher Columbus Blvd. no ддс / VAT indetfication nimber 3 0 7 9 1 9 1	Р I И Г ( И Н I	R Ад I Adi G Иде N В	ress нтификац   G   1 К/ЕГН /	ионен ном 7 5 UIC/PIN	ул. Т. С. Рако ер по ддс / VA 1   3   3	вски"№140 Findetification nim	nber
Кредитно известие / Credit note   Number		- <del>-</del>							Я
Към фактура № Дата на издаване: 30.6.2012 г.  № Наименование на стоките или услугите Мярка Количество Един. цена Отстъпка Стойност в BGN Маже или неначисляване на стоките или услугите Мярка Произведена електроенергия от МВЕЦ Церово за кВтч 1 139 696 0.22283 253 958.46  М. Юни по отчетен протокол от 30.06.2012 1139 696 0.22283 253 958.46  Веледу ргофисстой готм НРР Тэегочо for June ассотбіла to protocol from 30.06.2012 2 253 958.46  Сонование за нулева ставка или неначисляване на ДДС: Данъчна основа / Тах разе 253 958.46  Legal ground for 0% VAT rate or попарріїсаtion of VAT Словом всичко: триста и четири жиляди седемстотин и петдесет лв. и 0.15 three hundred and four thousand seven hundred and fifty BGN and 0.15  Словом сума за плащане: триста и четири жиляди седемстотин и петдесет лв. и 0.15 three hundred and four thousand seven hundred and fifty BGN and 0.15  Дата на данъчното събитие: 30.6.2012 г. Плащане: в брой с с преводно нареждане раутель! ВСВА ВGЗЗUNCR763010VZSVBGN1 ВІС UNCRBGSF Вапк Identification По IBAN ВGЗЗUNCR763010VZSVBGN1 ВІС UNCRBGSF Вапк Identification При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя				00000094		Fia	ce or the deal	'	
То invoice No.    No.   Date of issuance   Date of issuance   No.	Кредитно извес	тие / Credit note Number							
№         Наименование на стоките или услугите Name of goods or services         Мярка Measure         Количество Quantity         Един. цена Discount         Ототьпка Discount         Стойност в BGN Value BGN           Произведена електроенергия от MBELL Церово за м. Юни по отчетен протокол от 30.06.2012         кВтч         1 139 696         0.22283         253 958.46           М. Юни по отчетен протокол от 30.06.2012         Вака или неначисляване на ДДС:         Данъчна основа / Тах base         253 958.46           Соснование за нулева ставка или неначисляване на ДДС:         Данъчна основа / Тах base         253 958.46           Сповом всичко:         триста и четири хиляди оедемстотин и петдесет лв. и 0.15 three hundred and four thousand seven hundred and fifty         Стойност на ДДС / VAT         50 791.69           Сповом сума за плащане:         триста и четири хиляди седемстотин и петдесет лв. и 0.15         Сума за плащане / Amount to be paid         30.4 750.15         Сума за плащане / Amount to be paid         30.4 750.15         Сума за плащане / Amount to be paid         30.4 750.15         Сума за плащане / Amount to be paid         30.4 750.15         Сума за плащане / Amount to be paid         30.4 750.15         Сума за плащане / Amount to be paid         30.4 750.15         Сума за плащане / Amount to be paid         30.4 750.15         Сума за плащане / Amount to be paid         30.4 750.15         Сума за плащане / Amount to be paid         30.4 750.15         Сума за плащане / Amount to be paid <td></td> <td></td> <td>3</td> <td>0.6.2012</td> <td>г.</td> <td></td> <td></td> <td></td> <td></td>			3	0.6.2012	г.				
Произведена електроенергия от MBEL   Церово за иВтч 1139 696 0.22283 253 958.46 м. Юни по отчетен протокол от 30.08.2012   Произведена електроенергия от MBEL   Церово за иВтч 1139 696 0.22283 253 958.46 м. Юни по отчетен протокол от 30.08.2012   Произведена електроенергия от MBEL   Церово за иВтч 1139 696 0.22283 253 958.46 м. Юни по отчетен протокол от 30.08.2012   Произведена електроенергия от МВЕЦ   Церово за иВтч 1139 696 0.22283   253 958.46 м. Они по отчетен протокол от 30.08.2012   Произведена електроенергия от 30.08.2012   Пр					12		I.E.		0 4
Произведена електроенергия от МВЕЦ Церово за кВтч 1 139 696 0.22283 253 958.46  м. Юни по отчетен протокол от 30.06.2012 2 253 958.46  Елегду production from HPP Tserovo for June 3 2 2 2 2 2 3 2 3 2 3 2 3 2 3 2 3	№ Наименован		1	•					
М. Юни по отчетен протокол от 30.06.2012  Елегду production from HPP Tserovo for June according to protocol from 30.06.2012  Основание за нулева ставка или неначисляване на ДДС:  Данъчна основа / Тах base 253 958.46  Legal ground for 0% VAT rate or nonapplication of VAT Словом всичко: триста и четири жиляди седемстотин и петдесет лв. и 0.15 three hundred and four thousand seven hundred and fifty  Say BGN and 0.15  Словом сума за плащане: триста и четири жиляди седемстотин и петдесет лв. и 0.15  Словом сума за плащане: триста и четири жиляди седемстотин и петдесет лв. и 0.15  Атоилт to be paid say  three hundred and four thousand seven hundred and fifty  BGN and 0.15  Дата на данъчното събитие:  Зо.6.2012  г.  Плащане:  Раутелт  В брой с преводно нареждане  Раутелт  По IBAN ВG33UNCR763010VZSVBGN1 ВIC UNCRBGSF  Валк Identification При банка:  Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя	Произволона оп	Name or goods or services							
Energy production from HPP Tserovo for June according to protocol from 30.06.2012  Основание за нулева ставка или неначисляване на ДДС:  Данъчна основа / Тах base 253 958.46  Данъчна основа / Тах base 253 958.46  Данъчна ставка ДДС % / Тах rate VAT 20% Словом всичко: триста и четири хиляди седемстотин и петдесет лв. и 0.15 three hundred and four thousand seven hundred and fifty  Вау ВВО апо 0.15  Словом сума за плащане: триста и четири хиляди седемстотин и петдесет лв. и 0.15  Словом сума за плащане: триста и четири хиляди седемстотин и петдесет лв. и 0.15  Атоилт to be paid say  ВСП апо 0.15  Плащане: В брой о с преводно нареждане ВСВ зам и белитьсятой и с преводно нареждане ВСВ зам и с преводно на преводно			N.C	DIN	<del>'</del>	138 080	0.22203	<del>                                     </del>	200 800.40
аccording to protocol from 30.06.2012  Основание за нулева ставка или неначисляване на ДДС:  Данъчна основа / Тах base  253 958.46  Данъчна основа / Тах base  253 958.46  Данъчна ставка ДДС % / Тах rate VAT  20%  Словом всичко: триста и четири хиляди седемстотин и петдесет лв. и 0.15  three hundred and four thousand seven hundred and fifty  Say  BGN and 0.15  Словом сума за плащане: триста и четири хиляди седемстотин и петдесет лв. и 0.15  и 0.15  Ата на данъчното събитие:  Дата на данъчното събитие:  Зо.6.2012  г.  Плащане:  Раутелт  По IBAN  BGS3UNCR763010VZSVBGN1  BIC UNCRBGSF  Валк Identification  При банка:  Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя									
Основание за нулева ставка или неначисляване на ДДС:  Данъчна основа / Тах base  253 958.46  Legal ground for 0% VAT rate or nonapplication of VAT  Словом всичко: триста и четири хиляди седемстотин и петдесет лв. и 0.15  three hundred and four thousand seven hundred and fifty  Say  BGN and 0.15  Словом сума за плащане: триста и четири хиляди седемстотин и петдесет лв. и 0.15  Атоилт to be paid say  In cash bank transfer  По IBAN  BGS3UNCR763010VZSVBGN1  BIC UNCRBGSF  Валк Identification  При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя									
Legal ground for 0% VAT rate or nonapplication of VAT  Словом всичко: триста и четири хиляди седемстотин и петдесет лв. и 0.15 three hundred and four thousand seven hundred and fifty  Say BGN and 0.15  Словом сума за плащане: триста и четири хиляди седемстотин и петдесет лв. и 0.15  Словом сума за плащане: триста и четири хиляди седемстотин и петдесет лв. и 0.15  Атоилт to be paid say three hundred and four thousand seven hundred and fifty  Всичко / Total 304 750.15  Сума за плащане / Amount to be paid 304 750.15  Атоилт to be paid say three hundred and four thousand seven hundred and fifty  ВGN and 0.15  Дата на данъчното събитие: 30.6.2012 г. Плащане: в брой ✓ с преводно нареждане Payment In cash bank transfer  По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF  Валк Identification При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя									
Legal ground for 0% VAT rate or nonapplication of VAT  Словом всичко: триста и четири хиляди седемстотин и петдесет лв. и 0.15 three hundred and four thousand seven hundred and fifty  Say BGN and 0.15  Словом сума за плащане: триста и четири хиляди седемстотин и петдесет лв. и 0.15  Словом сума за плащане: триста и четири хиляди седемстотин и петдесет лв. и 0.15  Атоилт to be paid say three hundred and four thousand seven hundred and fifty  Всичко / Total 304 750.15  Сума за плащане / Amount to be paid 304 750.15  Атоилт to be paid say three hundred and four thousand seven hundred and fifty  ВGN and 0.15  Дата на данъчното събитие: 30.6.2012 г. Плащане: в брой ✓ с преводно нареждане Payment In cash bank transfer  По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF  Валк Identification При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя									
Словом всичко: триста и четири жиляди седемстотин и петдесет лв. и 0.15 three hundred and four thousand seven hundred and fifty  Say BGN and 0.15  Словом сума за плащане: триста и четири жиляди седемстотин и петдесет лв. и 0.15  Атоилт to be paid say three hundred and four thousand seven hundred and fifty  BGN and 0.15  Дата на данъчното събитие: 30.6.2012 г. Плащане: раутел по в В брой от с преводно нареждане раутел по в В В В В В В В В В В В В В В В В В В	Основание за нулева с	тавка или неначисляване на ДДС:					Данъчна осно	sa / Tax base	253 958.46
Словом всичко: триста и четири жиляди седемстотин и петдесет лв. и 0.15 three hundred and four thousand seven hundred and fifty  Say BGN and 0.15  Словом сума за плащане: триста и четири жиляди седемстотин и петдесет лв. и 0.15  Атоилт to be paid say three hundred and four thousand seven hundred and fifty  BGN and 0.15  Дата на данъчното събитие: 30.6.2012 г. Плащане: раутел по в В брой от с преводно нареждане раутел по в В В В В В В В В В В В В В В В В В В	Logal ground for 09/ 1/A	T rate or negacification of I/AT					DON'S DOC 9/ /	Tax rate I/AT	20%
three hundred and four thousand seven hundred and fifty  BGN and 0.15  Словом сума за плащане: триста и четири жиляди седемстотин и петдесет лв. и 0.15  Атошит to be paid say  Дата на данъчното събитие: 30.6.2012 г. Плащане: Раутент In cash bank transfer  По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF  Валк Identification При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя			есет пв	и O 15	да	н вчна ст			
Say BGN and 0.15  Словом сума за плащане : триста и четири хиляди седемстотин и петдесет лв. и 0.15  Атоилт to be paid say three hundred and four thousand seven hundred and fifty  Дата на данъчното събитие: 30.6.2012 г. Плащане: В брой от с преводно нареждане Раутелт In cash bank transfer  По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF  Валк Identification При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя	OJIODOM BONARO .						OTOMINOCI I	и ддот или	00 101.00
Словом сума за плащане : триста и четири хиляди седемстотин и петдесет лв. и 0.15  Amount to be paid say three hundred and four thousand seven hundred and fifty  BGN and 0.15  Дата на данъчното събитие: 30.6.2012 г. Плащане: в брой ✓ с преводно нареждане  Date of the tax event In cash bank transfer  По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF  Валк Identification  При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя	Say			-,			E	Всичко / Total	304 750.15
м 0.15 three hundred and four thousand seven hundred and fifty  BGN and 0.15  Дата на данъчното събитие: 30.6.2012 г. Плащане: в брой ✓ с преводно нареждане  Date of the tax event In cash bank transfer  По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF  Bank Identification При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя	•				С	ума за п	пащане / Ато	unt to be paid	304 750.15
BGN and 0.15  Дата на данъчното събитие: 30.6.2012 г. Плащане: в брой	Словом сума за пла	и 0.15							
Date of the tax event     Payment     In cash     bank transfer       По IBAN     BG33UNCR763010VZSVBGN1     BIC UNCRBGSF       Валк Identification     Валк Identification       При банка:     Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя	Amount to be paid say		ındred ar	nd fifty	J				
Date of the tax event     Payment     In cash     bank transfer       По IBAN     BG33UNCR763010VZSVBGN1     BIC UNCRBGSF       Валк Identification     Валк Identification       Пламен Дилков/ Plamen Dilkov     При банка:     Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя	Дата на данъчното с	ъбитие: 30.6.2012 г.	П	лашане:			в брой 🔽	с преводно н	ареждане
Вапк Identification  Съставил: Пламен Дилков/ Plamen Dilkov При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя	Date of the tax event								
Съставил: Пламен Дилков/ Plamen Dilkov При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя			П	o IBAN	BG33UI	NCR763	010VZSVBGI	N1 BIC UNC	RBGSF
Prepared by (име и фамилии) (подпис) / (пате) (signature) Bank Institution Unicredit Bulbank AD, Sofia, branch Sv. Nedelia									У, офис Св. Неделя
	Prepared by	(име и фамилия) (подпис) / (name) (signature)	Ba	ank Institut	ion	Unicred	it Bulbank AD	), Sofia, brand	h Sv. Nedelia

# **JULY**

Вец Своге АД		ЧЕ	3 ЕЛЕКТ	гро Бъ	ПГАРИЯ АД		
VEZ SVOGHE AD           Доставчик / Supplier           Адрес гр. София, бул. Христофор Колумб №41           Address Sofia, 41 Christopher Columbus Blvd.           Идентификационен номер по ДДС /VAT indotification nimbor           В G 2 0 1 3 0 7 9 1 9 1 9           EUK/EГН / UIC/PIN           2 0 1 3 0 7 9 1 9	О О Р В И І Г В И І Н N А А Д	В	ess нтификац G 1	ионен ном 7 5 UIC/PIN	ул."Г.С.Рако	indetification nin	
☑ ΦΑΚΤΥΡΑ / INVOICE						ата: Българи	я
☐ Дебитно известие / Debit note  Номер	00000	000098		Pla	ce of the deal		
□ Кредитно известие / Credit note     Number							
Към фактура № Дата на издаване:	31.7	.2012	r.				
To invoice No. Date of issuance							
№ Наименование на стоките или услугите	Мярк			ество	Един. цена		Стойност в BGN
Name of goods or services	Measu		Qua	antity	Unit price	Discount	Value BGN
Произведена електроенергия от МВЕЦ Церово за м. Юли по отчетен протокол от 31.07.2012	кВтч			709 777	0.22283		158 159.61
Energy production from HPP Tserovo for July							
according to protocol from 31.07.2012							
according to protocol from 51.07.2012							
Основание за нулева ставка или неначисляване на ДДС:				Į.	Данъчна основ	sa / Tax base	158 159.61
Legal ground for 0% VAT rate or nonapplication of VAT			Да	нъчна ст	авка ДДС %/		20%
Словом всичко: сто осемдесет и девет хиляди седемстотин,	деветдесе:	Т			Стойност н	a ДДС / VAT	31 631.92
и един лв и 0.53 Say one hundred eighty-nine thousand seven hundr						сичко / Total	189 791.53
BGN and 0.53	ea ninety o	ne	-	VW2 02 FI	пащане / Атто		189 791.53
Словом сума за плащане: сто осемдесет и девет хиляди седем	истотин			ума оа н	iamane i zilioi	intio be paru	100 701.00
и един лв и 0.53							
Amount to be paid say one hundred eighty-nine thousand seven h	undred nine	ety one					
BGN and 0.53			1				
Дата на данъчното събитие: 31.7.2012 г.	Плац	цане:			в брой 🗸	с преводно н	нареждане
Date of the tax event	Рауп				in cash	bank transfer	
				NCR763	010VZSVBGI	N1_BIC_UNC	RBGSF
		identifi					
Съставил: Пламен Дилков/ Plamen Dilkov		банка:		Уникре,	дит Булбанк	АД, София, І	ЈУ, офис Св. Неделя
Prepared by (име и фамилия) (подпис) / (name) (signature)	Bank	institut	on	Unicred	rt Bulbank AD	, Sofia, branc	h Sv. Nedelia

### **AUGUST**

Вец Своге АД         VEZ SVOGHE AD         Доставчик / Supplier         Адрес гр. София, бул. Христофор Колумб №41         Аddress Sofia, 41 Christopher Columbus Blvd.         Идентификационен номер по ДДС / VAT indetification nimber         В В В 2 0 1 1 3 0 7 9 1 9 1 9         ЕИК/ЕГН / UIC/PIN         2 0 1 3 0 7 9 1 9	0 0 P R I Г G I I Н А А L	Aдş Adri Иде В	pec ess нтификац G   1	София, ионен ном   7   5 UIC/PIN	ул."Г.С.Рако	T indetification nin	трег
☑ ΦΑΚΤΥΡΑ / INVOICE						ата: Българи	Я
☐ Дебитно известие / Debit note Номер	0000	000102		Plac	ce of the deal		
Към фактура № Дата на издаване:	31.8	3.2012	r.				
To invoice No. Date of issuance			1.0		-		0
Ne Наименование на стоките или услугите	Мяр			ество	Един. цена		Стойност в BGN Value BGN
Name of goods or services	Measu			entity E45 046	Unit price 0.22283	Discount	120 739.32
Произведена електроенергия от МВЕЦ Церово за	KDI	кВтч 541 845 0.22283			120 700.02		
м. Август по отчетен протокол от 31.08.2012  Energy production from HPP Tserovo for August	-	_					
according to protocol from 31.08.2012							
according to protocor from 51.00.2012							
Основание за нулева ставка или наначисляване на ДДС:					Данъчна осно	na / Tax hasa	120 739.32
Legal ground for 0% VAT rate or nonapplication of VAT			Да	виъчна ст	авка ДДС % /	Tax rate VAT	20%
Словом всичко: сто четиридесет и четири хиляди осемстоть	н осемдес	ети			Стойност	на ДДС / VAT	24 147.86
седем лв. и 0.18							
Say one hundred fortyfour thousand eight hundred	eightyseve	n				Всичко / Total	144 887.18
BGN and 0.18				ума за п	пащане / Ато	unt to be paid	144 887.18
Словом сума за плащане: сто четиридесет и четири хиляди о осемдесет и седем лв. и 0.18 Amount to be paid say one hundred fortyfour thousand eight hun eightyseven BGN and 0.18							
Дата на данъчното събитие: 31.8.2012 г. Date of the tax event	Payi Ro Ban	щане: релі IBAN k identiff	cation		in cash 010VZSVBGI		CRBGSF
Съставил: Пламен Динков/ Plamen Dilkov Prepared by (име и фейялия) (подпис) + (пате) (рідпейле)	_	i банка k institut					ЦУ, офис Св. Неделя ch Sv. Nedelia

#### **SEPTEMBER**

Вец Своге АД		ЧЕ	3 ЕЛЕКТ	гро Бъ	ПГАРИЯ АД		
VEZ SVOGHE AD  Доставчик / Supplier  Адрес _гр. София, бул. Христофор Колумб №41  Address Sofia, 41 Christopher Columbus Blvd.  Идентификационен номер по ДДС / VAT Indetification nimber  В   G   2   0   1   3   0   7   9   1   9    ЕИКЛЕГН / UIC/PIN   2   0   1   3   0   7   9   1   9	О О Р R И I Г G И I Н N А А	Аdh Иде В	ess нтификац G 1 К/ЕГН / I	ионен ном 7 5 JIC/PIN	ул."Г.С.Ракс	indetification ni	
☑ ΦΑΚΤΥΡΑ / INVOICE						ата: Българи	19
☐ Дебитно известие / Debit note  Номер  Номер  Первод потем на потем	00000	000107		Pla	ce of the deal		
Към фактура № Дата на издаване:	30.9	.2012	г.				
To invoice No. Date of issuance			100		le.		0 7 5011
Nº Наименование на стоките или услугите Name of goods or services	Мярк <i>М</i> еази			ecтво ntitv	Един. цена	Отстъпка Discount	Стойност в BGN Value BGN
Произведена електроенергия от МВЕЦ Церово за	кВтч			442 900	Unit price 0.22283	Discount	98 691.41
м. Септември по отчетен протокол от 30.09.2012	KDIS	квтч 442 900 0.22283			17.190 09		
Energy production from HPP Tserovo for September		-					
according to protocol from 30.09.2012		-					
Основание за нулева ставка или неначисляване на ДДС:					Данъчна осно	ва / Тах base	98 691.41
Legal ground for 0% VAT rate or nonapplication of VAT			Д	анъчна ст	гавка ДДС % /	Tax rate VAT	20%
Словом всичко: сто и осемнадесет хиляди четиристотин два	десет и де	вет				ia ДДС / VAT	19 738.28
лв. и 0.69		]					
Say one hundred and eighteen thousand four hundr	red twentyn	ine [				Зсичко / Total	118 429.69
BGN and 0.69				Јума за п	лащане <i>і Ат</i> ю	unt to be paid	118 429.69
Словом сума за плащане: сто и осемнадесет хиляди четиристо	отин дваде	сет и					
девет лв. и 0.69 Amount to be paid say one hundred and eighteen thousand four h							
twentynine BGN and 0.69	unarea						
					-5-1		
Дата на данъчното събитие: 30.9.2012 г.  Date of the tax event	Pavn	щане:			In cash	с преводно і bank transfer	нареждане
Date of the tax event			BG33UI	NCR783		N1 BIC UNC	CRRGSE
		Identific		.511750		0.0 0140	
Съставил: Пламен Дилков/ Plamen Dilkov		банка:		Уникре	дит Булбанк	АД, София. І	ЦУ, офис Св. Неделя
Prepared by (име и фамилия) (подпис) I (name) (signature)	Bank	instituti	on	Unicred	it Bulbank AD	, Sofia, branc	ch Sv. Nedelia

#### **OCTOBER**

Вец Своге АД					ЧЕ	3 ЕЛЕКТ	РО БЪ	ПГАРИЯ АД		
Address Sofia, 41 Chris		mber	О Р И Г И Н А Л	ORIGINAL	Adr Vige B EVI	G 1	ионен ном 7   5 UIC/PIN	ул."Г.С.Ракс	Tindetification ni	mber
☑ ΦΑΚΤΥΡΑ / INVOI	ICE								ата: Българи	Я
Дебитно извести	ne / Debit note	Номер		00000	00111		Pla	ce of the deal		
Кредитно извест	rue / Credit note	Number								
Към фактура № То invoice No.		Дата на издаване: Date of issuance		31.10	.2012	r.				
№ Наименовани	е на стоките или услуг	ите	1	Иярка	3	Колич	ество	Един. цена	Отстыпка	Стойност в BGN
	Name of goods or service		M	leasur	_		intity	Unit price	Discount	Value BGN
Произведена еле	ктроенергия от МВЕЦ L	ерово за		кВтч			505 905	0.22283		112 730.81
	четен протокол от 31.1									
	from HPP Tserovo for C col from 31.10.2012	October								
according to proto	COLITOR 31.10.2012									
Основание за нулева ст	гавка или неначисляване	на ДДС:						Данъчна осно	sa / Tax base	112 730.81
Lenal around for 094 VAT	Trate or nonapplication of \	/AT				Па	ULUUS CT	авка ДДС %/	Tay rate VAT	20%
Словом всичко:	сто тридесет и пет хил		тиш	естл	в.	Д	in band of		а ДДС / VAT	22 546.16
	и 0.97									
Say	one hundred thirtyfive th	nousand two hundred se	eventy	six B(	GN				сичко / Total	135 276.97
	and 0.97					С	ума за п	пащане / Ато	unt to be paid	135 276.97
Словом сума за плаш	цане: сто тридесет и шест лв.и 0.97	и пет хиляди двеста се,	демде	есети	1					
Amount to be paid say	one hundred thirtyfi BGN and 0.97	ve thousand two hundre	ed sev	entys	ix					
Дата на данъчното съ Date of the tax event	ъбитие: <u>31.1</u>	10.2012 r.		Paym		BC331 II	_	In cash	с преводно н bank transfer V1 BIC UNC	
					varv Identifi		VUR/03	UIUVZSVBGI	NI BIC UNC	RDOOF
Съставил: Пламен Д	1илков/ Plamen Dilkov				лиенин Банка:		Уникре	дит Булбанк	АД, София. L	ЈУ, офис Св. Неделя
	(име и фамилия) (подлис) / (п	name) (signature)			Institut		Unicred	it Bulbank AD	, Sofia, branc	h Sv. Nedelia
			_							

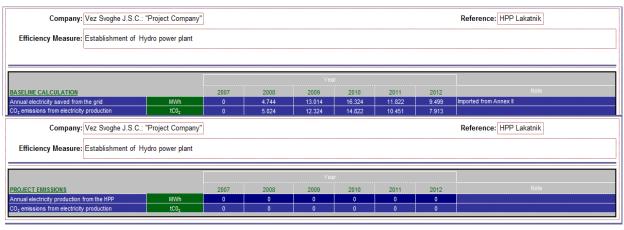
# **Annual electricity production**

Vez Svoghe JSC: "Project Company"		
Monitoring PlanANNEX II		
Monthly recording		

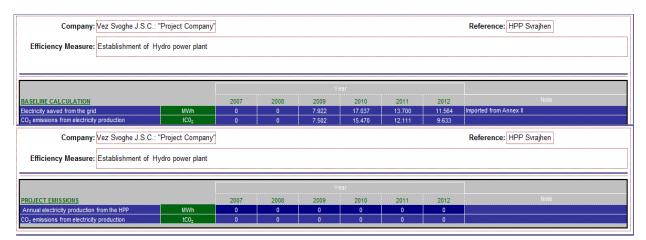
Year	Hydro power plant	Lakatnik	Lakatnik	Note	Svrajhen	Svrajhen	Note	Tzerovo	Tzerovo	Note
UoM	UoM	MWh	MWh		MWh	MWh		MWh	MWh	
	January		690			776				
	February		774			953				
	March		1,559			2,050				
	April		1,965			2,233			174	
	May		1,449			1,699			1,201	
12	June		1,258			1,498			1,140	
20.	July		708			821			710	
	August		464			575			542	
	September		223			418			443	
	October		408			541			506	
	November									
	December									
	TOTAL 2012		9,499			11,564		0	4,716	
	TOTAL 2008-2012		55,403			50,223		0	4,716	

Monthly electricity production (from invoices)

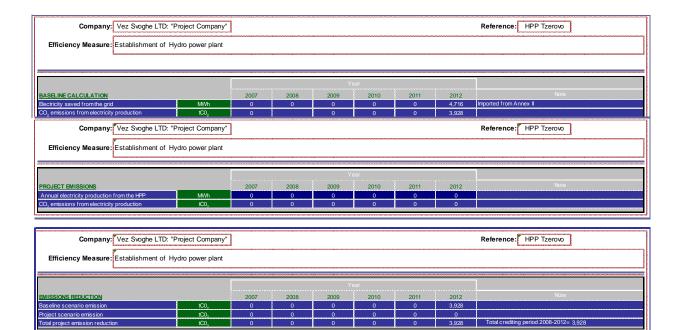
# CO<sub>2</sub> Emission reduction calculations



Company: Vez Svoghe J.	S.C.: "Project Company	"						Reference: HPP Lakatnik
Efficiency Measure: Establishment	t of Hydro power plant							
MISSIONS REDUCTION		2007	2008	2009	2010	2011	2012	
MISSIONS REDUCTION aseline scenario emission	tC0 <sub>2</sub>		2008 5.024	2009 12.324	2010 14.822	2011 10.451	2012 7.913	Note
	tC0 <sub>2</sub>			2000	2010			Note



Company: Vez Svoghe J.S	.C.: "Project Company	ď						Reference: HPP Svrajhen	
Efficiency Measure: Establishment of Hydro power plant									
MISSIONS DEDUCTION						2014		Note	
MISSIONS REDUCTION aseline scenario emission	tC0:		2008 0					Note	
	tC0 <sub>2</sub>			2009	2010	2011	2012	Note	



# CONFIRMATION OF THE EMISSION FACTOR IN 2012 FROM THE BULGARIAN MINISTRY OF ENVIRONMENT AND WATER

From: Kiril Bankov [mailto:kbankov@moew.government.bg]
Sent: martedi 6 novembre 2012 09:11
To: Chiara DiSilvestro
Cc: Milya Dimitrova; bnikolova@moew.government.bg; Patrick. Pauletto
(patrick.pauletto@pvbgroup.bg); vassil.shumanov@pvbgroup.bg; krestian.kolev@pvbgroup.bg;
Veneta Vladimirova Borikova

Subject: Re: Emission factor 2012

Dear Chiara.

We confirm the value of the emission factor for 2012 listed in Baseline Study of Joint Implementation projects in the Bulgarian energy sector. The document has not been updated.

Best regards,

Kiril

Kiril Bankov
Expert
Expert
International Emission Trading Mechanisms Department
Climate Change Folicy Directorate
Ministry of Environment and Water
Bulgaria
Tel. + 359 2 940 60 78, Fax: + 359 2 981 81 07
E-mail: kbankov@moew.government.bg

On 5.11.2012 r. 12:37 ч., Chiara DiSilvestro wrote: Dear all,

Since we are starting with the Verification process of our 9 HPPs on the River Iskar, I would be grateful if you would let me know the updated baseline grid emission factor for Bulgaria in order to calculate the Carbon Credits contracted.

For this reason I would like to ask you whether the document "Baseline Study of Joint Implementation projects in the Bulgarian energy sector" performed by NEK has been updated or, otherwise, if you can confirm the value quoted in it for 2012.

Thank you in advance for your collaboration,

Chiara



Chiara Di Silvestro Energy Project Engineer

#### INDEPENDENT DOCUMENT OF THE MONITORING REPORT

Natsionalna elektricheska kompania
"Baseline study of joint implementation projects in the bulgarian energy sector"

Sofia

**Latest document - 05.05.2005** 

#### 1. Introduction

Bulgaria complies with the requirements of the UN Framework Convention on Climate Changes (UNFCCC) ratified by the Bulgarian Parliament in March 1995. Besides, the Parliament of the country ratified the Kyoto Protocol to the Convention on 17 July 2002. The Protocol was based on the ideas and principles set forth in it and develop them further adding new obligations, larger in scope and detail than those in the Convention.

According to Art. 6 of the Kyoto Protocol, in order to perform its obligations for emission reduction and limitation, each of the countries listed in Annex 1 may transfer to another country on the list, or receive from it, emission reduction limits obtained as a result of projects for reduction of anthropogeneous emissions of greenhouse gases by sources. In practice, such projects are mostly implemented in countries with economies in the process of transition where there are more opportunities for emission reduction, and at a lower cost. The amounts of Emission Reduction Units achieved as results of the project may be bought by a developed country for the purpose of keeping its obligation under the Protocol.

In Bulgaria, joint implementation of projects is viewed as an economically acceptable way of reducing the emissions of anthropogeneous greenhouse gases and receiving, at the same time, financial, economic, technical assistance and expertise.

In order to start work by the so-called "flexible mechanism" under the Kyoto Protocol – Joint implementation (JP) Projects – a bilateral agreement has to be signed between the Government of Bulgaria and another developed country or an international fund for protection of the environment.

So far, bilateral Memoranda of Understanding and Bilateral Cooperation for implementation of JP Projects have been signed with the Kingdom of Netherlands, the Republic of Austria, the Kingdom of Denmark and EBRD in the latter's capacity of trustee of a Prototype Carbon Fund.

#### 2. Purpose of the Study

The purpose of the present assignment is to carry out a study in order to define the Baseline scenarios of the Bulgarian Electricity Power System and calculate the annual Basic Carbon Emission Factor (BCEF) of the Baseline in the process of operation of the electric power sector.

#### 3. Introduction to the Baseline Study

The most important part of the preparation for a greenhouse gas reduction project is the Baseline Study. It should define, in a transparent and comprehensive manner, what rate of CO reduction and related financing can be expected. Besides, the Baseline defines and provides the methodology of assessing which of several possible developments is the most probable in the absence of the project and what emissions would be generated by that scenario.

The Marrakesh Accords (the decisions of COP7 in Marrakesh in November 2001) constitute the central guidance as far as documents required by COP for climate protection projects are concerned.

According to the Marrakesh Accords, the Baseline shall meet the following more significant requirements:

1. To be transparent in terms of assumptions, method, project boundary, parameters, data sources, key factors and Additionality;

- 2. To account of important national and industrial policy measures and circumstances such as sector-related reforms, availability of indigenous fuels, plans for expansion of the electric power sector, and economic situation in the sector;
- 3. To be formed in such a manner that it would be impossible to generate ERUs and CERs for reduction of activities beyond the project boundary on the basis of Force Majeure events;
- 4. To be project-based or standard oriented;
- 5. To take data uncertainty into account. The assumptions shall be selected conservatively.

It means that the assumptions as to calculations in the event of hesitation (data range, data uncertainty, etc.) shall be selected in such a manner that the resulting total Baseline emissions would be low rather than high. As a result of that, the calculated emission reduction is underestimated rather than overestimated and is, therefore, more stable with respect to data status variations or with respect to criticism from outside. That increases the probability for the Baseline to be accepted by the validator and by the stakeholders.

- 6. Besides, the Baseline selection shall be substantiated.
- 7. There is a restriction upon the choice of a Baseline composition method for projects under CDM, but not for <sup>3</sup> II projects. The following three Baseline approaches are possible only:
- a) "historical or existing emissions"

That generally well sustained wording probably leaves room for all substantial Baseline methods because, in principle, every method can be supported by the argument that, directly or indirectly, it rests on historical or existing emissions.

b) "emission of a technology that, due to obstacles before investments, is an economically attractive alternative"

Practically, the purpose of that wording could be to extend the investment analysis method – an economically attractive alternative.

c) "the mean percentage of emissions from comparable project activities during the last five years implemented in similar social, economic, environmental and technological conditions, the project activities of which belong to the best 20% in their category".

That last requirement may be interpreted to mean that JI/CDM projects should not lead to implementation of outdated technologies or used equipment, but to technological and social progress, that is, to sustainable development in the countries where they are implemented.

Beside these official requirements of the Marrakesh Accords, theoretically there are no other substantial directions restricting the Baseline development. This is to emphasize that, in the development of a Baseline, the question "What would happen to the system and its emissions if no financial resources came from Carbon Credit sales" has priority over adherence to preset criteria.

Although, in principle, individual routes may be chosen to the implementation of that task, the previous experience offers several already proven methodological approaches that should be favoured. Other routes should be chosen only where there are special reasons for that and where they are, respectively, adduced intelligibly by the author of the Baseline. Method selection

depends on the type of project, the data status, the preferences of Carbon Credit buyers, resp. the parties to the Contract, the Baseline author's experience, etc.

#### 4. Methodological Approaches to Baseline Determination

The Baseline Determination Methodologies fall into two broad categories – project-specific approaches and multi-project approaches.

#### 1) Project-Specific Baseline

#### a) Reference Group

From the point of view of a project specific Baseline, it is often emphasized that the type of project, its size and availability of data are the main factors that determine the choice of Baseline methodology.

The Reference Group approach requires finding of a similar country, region or project with conditions comparable to the particular project for the purpose of studying a development that does not include the Joint Implementation Project. The definition of a reference group in a similar situation in the electric power industry, would be difficult due to different circumstances with respect to fuels used, technologies implemented, economic aspects, electricity market liberalization status and policy, etc.

#### b) Investment Analyses

In these analyses, all probable and realistic possibilities are determined taking into account the technical, economic, political, social and environmental aspects graded by economic benefit, for example through determination of the Internal Rate of Return. The highest-return alternative is defined as Baseline Alternative. Due to the fact that economic aspects are the determining factors for that aspect, such approach requires a solution model guided mainly by economic considerations and the clear comparability of different options.

The potential for use of investment analysis in the electric power sector is quite limited because, in principle, the new projects compete with a variety of generation units in the electric power sector. It is very seldom that a new project competes directly with an existing unit. For that reason the investment approach is not considered very useful in the electric power sector.

#### b) Scenario analysis

Risk-based analyses deal with the possible development scenarios in the absence of a project taking into consideration various influencing factors such as technologies, policies and market restrictions. Possibilities leading to high risk are dismissed and the most probable scenario is selected as baseline. The main challenge in this approach is selecting the main influencing factors and to determine the best and most reliable data sources for the study.

#### 2) Standard-oriented, or Multi-project Baseline

There are a number of different approaches to Multi-project Baselines. They can vary from average-emission specific emissions for a sector to technological standards of broad modeling within the frameworks of the particular sector such as, for example, merit order dispatch analysis in the electric power sector. In spite of the variety of approaches, the main point is to provide a set of standard data that shall be used as a baseline for a number of different projects. That can be also bases for comparison with respect to the baselines specific to a project and could be expressed in specific emissions per unit of electricity output (i.e., Basic Carbon Emission Factor /BCEF/ determined in tons of CO /GWh).

The multi-project approach is launched because, through the use of such methods, the transaction costs of Joint-Implementation Projects will be significantly reduced. In other words, the baseline development costs in Joint-Implementation Projects will be much lower than those developed in countries that already have a Multi-project Baseline and, therefore, the project developers' and investors' costs will be significantly reduced. Therefore the present study will also launch a number of projects that will be implemented by means of these mechanisms, as it will launch implementation of smaller but environmentally friendly and stable energy projects as well. Besides, there will be better predictability to the project developer in terms of number of emission reduction units that will be achieved through a project.

More particularly, in the power plant case, the multi-project approach to a Baseline seems to be a reliable and efficient solution.

#### 5. Multi-Project Baseline for the Electric Power Sector

Considering the electric power sector, Multi-project Baselines find wide application in Joint-Implementation Projects and in Clean Development Mechanism Projects. The reason is that, in most cases, implementation of a project with capacity exceeding 20MWe, there is a marginal impact on the whole electric power sector. Therefore, project-specific Baselines are not suitable and multi-project approaches are preferred.

In the next section, an analysis of different Baseline methodologies based on multi-project approaches is made, and their compatibility with the subject of discussion is examined. Institutional conditions, available data and specificity of the Bulgarian electric power sector should also be taken into account when the most appropriate Baseline methodology is finally selected.

#### 1) Mean specific emissions will all plants participating

At present, this is the most simplified methodology for Baseline determination. It assumes that the project will displace part of the integral electricity generation mix. The problem with that method is that it encompasses all plants with low operating costs that usually operate as baseload plants, inclusive of hydro- and nuclear power plants. There is, however, almost no chance for a new investment to replace the output of these plants; it is much more probable for an investment to replace plants with higher operating costs such as plants fired with fossil fuel. Therefore, that methodology may be rejected by the investor countries because the share of nuclear generation added to that of hydro-power (about 50%) is large within the power system of Bulgaria.

#### 2) Mean specific emissions less Nuclear, Pumped-Storage and Hydro-Power Plants

In principle, there will be technologies that will continue to work irrespective of the adoption of a Joint-Implementation Project. The best example of that are the Chaira Pumped-Storage Hydro-Power Plant and the four large existing hydro-power cascades with hydro-power plants built downstream of the weirs that have extremely flexible load-following capacity and can operate in peak-load periods. That is not due to the high operating costs but rather to the opportunity offered by them to choose the time of electricity generation in the event of unexpected need for generation capacity in the system.

There is also a current trend in Baseline determination to eliminate the output of all nuclear and hydro-power plants because the low operating costs mean that their output will not be affected by new plants in the network. If NPP and HPP are eliminated from the Baseline, such assumption shall be supported by clear written records and justified.

Therefore, this approach attempts to consider matters related only to consideration of mean values in the system; however, precision here still remains questionable. The benefit of that approach is that it will yield the variety of all loads that will be replaced by the project; however, it will not yield the mean weighted value against the current (operating) costs.

#### 3) Mean emissions for each Load Category

That involves load curve grouping into different load categories such as seasonal, peak, shoulder, and base loads. After determining the load profile of a project, a direct comparison to the same load category in the Baseline forecasts can be made.

#### 4) Consideration of Solely Marginal Plants (Merit order dispatch Analysis)

The Least-Cost Method assumes that plants operating at the margin (at highest costs and, most probably, with highest emissions) will be the first to be replaced. The method should indicate the generation from each plant for every hour (or group of hours) within one year. The assumption is that commissioning of the new capacity will displace plants that currently operate at the end limit of the load curve. That analysis will require evaluation of the last unit(s) that should be connected, for every hour or group of hours in a year and, in that manner, the specific emissions per hour. That type of approach proves to be the most precise with respect to determining which unit actually stops generating electricity. The negative aspect is the quality and quantity of data needed for that method.

#### 5) Operating Margin/Build Margin Methodology of IEA and OECD

OECD recommends to use the weighted mean between the operating margin and build margin for determination of the Baseline. That is based on the assumption that a Joint Implementation Project will very likely have an impact on the operation of an existing and new plant in the short term (marginal operating costs) as well as delay the implementation of a new plant in the longer term (marginal build costs). It will be possible to use a power sector model for forecasting of the build margin as well as of the operating margin.

# 6. Baseline Determination and Computation of the Carbon Emission Factor (CEF) Common to the Bulgarian Power Sector

#### 6.1. Mean specific emissions (all plants included)

The study enables determination of the mean specific emissions and the corresponding CEF for every plant and system-total. That analysis encompasses all power plants, inclusive of nuclear power plants and hydro-power plants that release no emissions but contribute power generation to the system. This approach is too imprecise to analyze CEF and, respectively, reduction of CO emissions in a Joint-Implementation Project, because the operation of nuclear power plants and, to less extent, the operation of the four large hydro-power cascades of the power system are not influenced by the implementation of such projects.

#### 6.2. Mean Specific Emissions (less NPP and HPP)

The study calculates and determines the mean specific emissions and the corresponding CEF for every plant and system-total, only excluding NPP and HPP from the calculation of Baseline emissions because they have low operating costs and, for that reason, there is not probability of their replacement. An option with starting up of the hydro-power cascades with HPP participating in the regulation of the system according to the above-mentioned calculations was developed for the event that a JP project hypothetically replaces peak-load hydro-power capacities of the system (HPP or gas-fired combined-cycle power plant over 20 MW).

That methodology can have quite extensive application in projects but still it remains a less refined methodology and is recommended only in cases of smaller-volume emission reductions in the sector. For example, when integration of JI projects with less than 200 MW installed capacity into the system is considered.

#### 6.3. Mean Specific Emissions for Each Load Category

This approach is not considered in detail because it requires CEF determination for the overall power system. The approach does not add much to the two previous methodologies and it can be said again that it is a less refined approach and it does not reach far in determining what will actually be replaced by the new capacity.

#### 6.4. Integrated Resource Planning (Least-Cost Planning Analysis)

Merit order dispatch analysis for the power sector indicates, in economic terms, what technologies or which particular generating units can be possibly replaced by a new generation in the network. That can provide a realistic picture of replacement, more specifically in the open electricity markets.

This method requires detailed information on the generating capacities and evaluation of the marginal units that shall be started up from a cold reserve state for every hour of the year. The power plants with guaranteed supply contracts shall be taken into consideration.

#### 6.5. Operation Margin/Build Margin Methodology

This approach is a combination of marginal operating costs and marginal construction costs. It can be applied in countries where the power system capacities are expanding. The problem with this methodology is that it is difficult to determine the weighted mean between the Operation Margin and the Build Margin.

#### 7. Selection of Baseline Study Methodology

Following the argumentation here above, the methodology used for Baseline Determination was developed on the basis of merit order dispatch analysis. This type of approach is considered the most precise for analysis which unit will be replaced by a new capacity.

The merit order dispatch approach analyses the electric power sector on the basis of electricity demand forecasts – minimum and maximum; fuel prices, new capacities and envisaged rehabilitation projects; and cost estimates. For these analyses NEK uses the IRP Manager computer model (Integrated Resource Planning Model).

The US software company Electric Power Software in Minneapolis has developed the software called IRP Manager for US institute EPRI. Since 1995 the model is implemented in the Bulgarian National Electricity Company for the least cost expansion planning of the power sector development.

The IRP-Manager model provides comprehensive management of demand, supply, financial and rate data needed for long-term integrated resource planning of the power sector. It coordinates an expansive "Tool Box" of capabilities including: chronological simulation of demand and resources, automated resource strategy development, decision analysis and complete forecasts of impacts from all perspectives.

The forecast power balances obtained by merit order dispatching are used to develop the Baseline study. The basis study itself was developed using the ACM0002 Methodology, "Consolidated Baseline Methodology for Grid-Connected Electricity Generation from Renewable Sources" of UNFCCC CDM – Executive Board.

In order that the study can be as complete as possible and applied to the widest possible range of JP projects in the Bulgarian power sector, all methods offered in the power plant operation margin determination methodology are applied. The relation between operation margin and build margin is assumed everywhere as 50/50 % for BCEF determination.

	Unit	2000	2001	2002	2003	2004		
Total system power generation	GWh	41 805	44 785	41 943	41 990	43 621		
2. Total system heat generation	MW <sub>th</sub> h	14 398 244	17 092 947	17 104 183	18 945 487	15 622 107		
3. Total CO2 emissions of power generation	kt/a	20 686,07	24 186,09	21 130,37	23 502,96	26 141,93		
4. Total CO2 emissions of energy transformation	kt/a	25 364,83	29 868,93	27 206,40	29 968,99	31 566,24		
Basslins Fasianian Fastan BEE	_							
Baseline Emission Factor - BEF								
Fossil Fuels  1. Dispatch Data OM EF	tonne/MWh	1,215	1,287	1,214	1,226	1,199		
Dispatch Data_OM_EF     Dispatch Data Adjusted_OM_EF	tonne/MWh	1,215	1,207	1,214	1,160	1,138		
3. Average Dispatch Data_OM_EF	tonne/MWh	1,269	1,307	1,231	1,237	1,239		
or Avorage Dispaton Data_oni_Er	tomio, mitti	1,200	1,001	1,201	1,201	1,200		
HPP included								
1. Dispatch Data_OM_EF	tonne/MWh	1,144	1,184	1,106	1,160	1,165		
2. Dispatch Data Adjusted_OM_EF	tonne/MWh	1,065	1,106	1,032	1,067	1,078		
3. Average Dispatch Data_OM_EF	tonne/MWh	1,101	1,149	1,040	1,073	1,108		
Facell Finals								
Fossil Fuels 1. Dispatch Data OM EF	kg/GJ	106,38	109,57	110,86	111,24	110,03		
Dispatch Data_OM_EF     Dispatch Data Adjusted OM EF	kg/GJ	106,93	109,05	110,68	111,09	109,91		
3. Average Dispatch Data OM EF	kg/GJ	109,43	108,79	109,00	109,47	110,63		
	1 3	,	,.	,50	,	,50		
Forecast								
Minimum demand	Unit	2006	2007	2008	2009	2010	2011	2012
1. Total system power generation	GWh	45 051	43 115	44 156	47 490	48 212	51 139	52 291
2. Total system heat generation	MW <sub>th</sub> h	17 875 519	18 057 503	18 320 175	18 746 936	19 028 565	19 744 974	19 358 651
3. Total CO2 emissions of power generation	kt/a	28 035,37	31 810,38	31 245,76	33 538,31	33 547,47	33 863,20	31 248,73
4. Total CO2 emissions of energy transformation	kt/a	34 447,38	38 304,71	37 832,72	40 154,36	40 358,39	40 560,20	37 758,36
Baseline Emission Factor - BEF								
Fossil Fuels								
1. Dispatch Data OM EF	tonne/MWh	1,215	1,158	1,144	1,022	0.984	0,963	0,953
2. Dispatch Data Adjusted OM_EF	tonne/MWh	1,154	1,100	1,078	0,956	0,917	0,902	0,899
3. Average Dispatch Data OM EF	tonne/MWh	1,243	1,190	1,146	1,026	0,986	0,974	0,983
HPP included								
1. Dispatch Data_OM_EF	tonne/MWh	1,176	1,175	1,110	0,995	0,959	0,940	0,918
2. Dispatch Data Adjusted_OM_EF	tonne/MWh	1,111	1,102 1,153	1,017	0,894	0,858	0,849	0,838
3. Average Dispatch Data_OM_EF	tonne/MWh	1,138	1,153	1,057	0,947	0,909	0,898	0,889
Fossil Fuels								
1. Dispatch Data_OM_EF	kg/GJ	111,997	106,693	106,484	100,340	97,288	95,088	96,152
2. Dispatch Data Adjusted OM EF	kg/GJ	111,976	106,621	106,402	100,566	97,871	95,946	96,570
Average Dispatch Data_OM_EF	kg/GJ	111,622	106,175	106,640	100,646	98,217	96,578	97,026
Forecast								
Maximum demand	Unit	2006	2007	2008	2009	2010	2011	2012
1 Total contem name of the	CIAN	40.700	40.570	40.500	40.254	40.455	E4 202	F2 404
Total system power generation     Total system heat generation	GWh MW <sub>th</sub> h	46 739 20 360 486	43 572 19 909 333	46 588 20 240 498	48 351 21 206 857	49 455 22 170 354	51 368 23 026 991	53 194 23 407 576
3. Total CO2 emissions of power generation	kt/a	27 152,04	31 508,75	32 821,32	33 044,62	33 387.00	32 807,31	30 531,04
4. Total CO2 emissions of energy transformation	kt/a	34 405,23	38 713,17	40 181,87	40 770,13	41 342,14	40 706,37	38 615,88
and the state of t		1			,10			5.5,50
Baseline Emission Factor - BEF								
Fossil Fuels								
1. Dispatch Data_OM_EF	tCO2/MWh	1,204	1,215	1,124	1,014	0,973	0,947	0,884
2. Dispatch Data Adjusted_OM_EF	tCO2/MWh	1,143	1,156	1,059	0,947	0,908	0,884	0,833
Average Dispatch Data_OM_EF	tCO2/MWh	1,233	1,252	1,127	1,018	0,977	0,953	0,917
HPP included								
1. Dispatch Data OM EF	tCO2/MWh	1,158	1,168	1,101	0,990	0.947	0,928	0,865
2. Dispatch Data_OM_EF	tCO2/MWh	1,091	1,095	1,006	0,888	0,850	0,834	0,791
3. Average Dispatch Data OM EF	tCO2/MWh	1,118	1,144	1,052	0,940	0,899	0,879	0,840
J ====================================		.,	.,	.,502	2,310	2,500	-,-10	_,,,,,
Fossil Fuels								
1. Dispatch Data_OM_EF	kg/GJ	109,651	111,991	105,315	100,011	95,929	94,604	93,043
	lea/C I	109,571	111,876	105,263	100,226	96,498	95,130	93,524
2. Dispatch Data Adjusted_OM_EF	kg/GJ							2
	kg/GJ	109,126	111,908	105,550	100,273	96,821	95,676	94,056

# INTERNAL AUDIT REPORT (31<sup>ST</sup> OCTOBER 2012)

## INTERNAL AUDIT REPORT October 31st 2012

# Sreden Iskar Cascade HPPs Portfolio Project Dated October 31<sup>st</sup> 2012

#### **CONTENTS**

A. <u>Audit Report</u>

#### **Annexes**

Annex 1 - Internal Audit Check-list

#### **Background and Objectives of Audit Report**

The procedure of internal auditing and control measures is included in the "Monitoring Plan". This procedure has the purpose to describe the established system for the programming and execution of internal audits of the Monitoring Plan of Sreden Iskar Cascade Hydro Power Plants. The Internal Auditor must comply with the following requirements:

- He has to be trained by an Independent Company with proven expertise in developing PDD projects;
- He must be certified by an Independent Company as auditor;
- He must have participated to at least one audit as observer;
- He can't be the same person involved in the monitoring process.

#### **SECTION A. Audit Report**

#### **A.1.** Title of the <u>project</u>:

Sreden Iskar Cascade HPP Portfolio Project, September 2006 ("The Project"), Rev.1, dated 8 November 2006.

#### A.2. JI registration number:

The project reference number is 0063.

#### **A.3.** Short description of the project activity:

The project envisages the establishment of nine Hydro Power Plants ("HPPs") on the river Iskar, about 40 km north of Sofia, with the overall objective to generate Emission Reduction Units ("ERUs"), reducing 370,970 tonnes of CO<sub>2</sub> equivalent in the period 2008 till 2012 (inclusive).

In year 2000, the Municipality of Svoghe carried out a feasibility study of the proposed HPPs. It attracted the interest of several energy companies that proposed to jointly develop the project with the city and in late 2003 the Municipality of Svoghe and Petrolvilla signed a Letter of Intent.

Based on the Memorandum of Understanding on co-operation between the Kingdom of the Netherlands and the Republic of Bulgaria in reducing emission of Greenhouse Gases ("GHGs") under article 6 of the KP the proposed JI portfolio project aims at reducing GHGs by replacing electricity generated from fossil fuel with electricity generated from renewable hydraulic energy sources. Here below the project parties including the Carbon Credit purchaser, and the Project owner.

Party Involved	Legal entity project participant (as applicable)	Party involved wishes to be considered as project participant (Yes/No)
Bulgaria (Host Party)	Vez Svoghe AD Boulevard Cristopher Columbus, 41 1592 Sofia, Bulgaria	No
Netherlands	EBRD (for the account of the Netherlands) One Exchange Square London EC2A 2JN, United Kingdom	No

#### **Table 6: Party involved**

Project Design Document (PDD) including baseline and monitoring plan has been prepared by engineering consulting company MWH S.p.A.. The Letter of Approvals (LoA) has been issued by the Ministry of the Environment of the Republic of Bulgaria on 22.12.2006 and by the designated focal point of the State of the Netherlands on 28.11.2007.

"Sreden Iskar Cascade Hydro Power Plants" project has been approved by an accredited independent entity (AEI) and has been granted final determination on 03.12.2007. PDD and Determination Report are available on the UNFCCC website under project reference number 0063.

#### A.4. Date of internal audit of current year (2012)

The internal audit was held on 31st October 2012.

#### A.5. Personnel involved in the internal audit and responsibilities

Plamen Dilkov attended the audit as internal auditor. Plamen Dilkov involved the following people:

- Vassil Shumanov;
- Marina Dimitrova, and;
- Anton Milchev.

#### A.6. Methodology applied to the project activity

The methodology applied to the project activity is included in the Monitoring Plan.

#### A.7. Intended deviations or revisions to the procedure included in the Monitoring Plan

No deviations or revisions to the procedure included in the Monitoring Plan have been done.

#### A.8. Changes since last internal audit:

No changes occur since last internal audit.

#### A.9. Person(s) responsible for the preparation and submission of the Audit Report

The person (s) responsible for the preparation and submission of the audit report are:

- Vassil Shumanov, Vez Svoghe
- Dario Dilucia La Perna, Consultant MWH

# **CHECK-LIST**

	Auditor's Name(s): Company: Date of last internal audit: Date of current audit: List of people involved in: List of document which	Anton Michey VEZ Svoghe 31/10/2012 Vassil Shumanov, Marina Dimitro Monitoring Plan_all_Petrohilla_revi		X I_MP_rev; In	noices 2012
	have been walked  Check-li	ist		# Non conformities	Observed actions considered to resolve the non-conformities
				17.51	onformities of last internal audit
1	Have been the non-conformiti sorted out?	es of last internal audit	×Yes No		
2	If not, are some actions in the non-conformities?	progress to overcome	Yes No		
3	Are the paper copies of invoic Distributor properly stored?	ces to the Electricity	XYes No		Document
4	Is the folder *GHG emission r the SCADA server?	reduction" available in	×Yes No		
5	Does the folder "GHG emissi Monitoring plan-pdf forma Annex I-excel format Annex IV-scanned copy Invoices-pdf format Audit Report-pdf format Monitoring annual report- Non-conformities registry-	t odfformat	X Yes No		
6	Has the software adopted to schanged?	store the data been	Yes 🗷 No		
7	If yes, is the new version of previous one?	consistent with	Yes No	5	Operation of equipment
8	Has SCADA system properly internal audit?	worked till the date of	X Yes ☐ No		190 1
		0			Management
9	Are the persons and their residefined?	ponsabilities clearly	XYes No		
10	Is the instrumentation calibrati applied?	ion plan properly	×Yes No		
				Measu	rring and calculation procedure
11	Did the Engineer in charge of collect electronically on month generated by SCADA System	nly basis the data	x Yes ☐ No		
12	Are the data reported in the sp basis as for Annex II of Monit		xYes ☐ No		
13	If yes, are they in line with	electricity invoices?	x Yes ☐ No		
14	Are the read-off measuremen electricity distributor reliable or recorded by the SCADA Syst	ompared to those	x Yes No		
15	Did the Engineer in charge of rectify the emission factor cor year?		xYes ☐ No		
16	If yes, is it in line with new issued by the NEK?	version of Document	Yes 🗷 No		
17	Did the Engineer in charge of calculate the amount of CO2 of for Annex I of Monitoring Plan	emission reduction as	x Yes No		
	Total number of non-confo	rmities identified		0	