MONITORING REPORT FOR 2011

Sreden Iskar Cascade HPP Portfolio Project
Date 20th January, 2012, rev.1

CONTENTS

Annexes

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 1st January 2011 – 31st December 2011.

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_2 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: 01/01/2011;
- Monitoring period closing date: 31/12/2011[1].

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. Status of implementation including 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	Commissioning Date
Lakatnik	July 2006	January 2008	July 2008
Svrazhen	July 2006	January 2008	May 2009
Opletnia	July 2009	April 2010	Under construction
Levishte	July 2009	April 2010	Under construction
Gavrovnitsa	July 2009	April 2010	Under construction
Prokopanik	May 2010	July 2011	-

[1] Both days were included. Monitoring period includes time from 00:00 01/01/11 up to 24:00 31/12/11.

Location	Start Construction date according to PDD rev2	Commissioning Date according to PDD rev2	Commissioning Date
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 (2nd 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 18th 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 (2nd version).

In the following table the operating hydropower stations are marked in green, while the Phase II stations Opletnia and Prokopanik are currently under construction. As regards the station of Tzerovo, the construction phase is now over and the commissioning tests are ongoing. The station is expected to start producing electric energy at the beginning of February.

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	December 2012	Under construction
Tzerovo	May 2010	December 2012	Under construction
Prokopanik	March 2011	December 2012	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 (3rd and 4th 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:

- Two Internal Audits have been performed;
- The Audit Reports have been drafted.

In Table 4 the forward action (FAR1) DNV has required Vez Svoghe in 2010 is shown. Vez Svoghe has got again in touch with CEZ in order to solve this issue which is currently still open.

FAR ID	Forward action request	Response from project participants
FAR 1	Vez Svoghe should clarify with ČEZ, how delivered electricity from plants will be calculated if ČEZ electricity meters break down. The paragraph in PPA /4/ does not contain the exact way of calculation. If the Vez Svoghe's meters will be used, the meters have to be calibrated (include calibration period setting).	The extract of par.V, art8 (3), (4) of PPA between Vez Svoghe and CEZ partially clarify the procedure in case of failure of meters (considered very improbable by CEZ): "If after the technical check-up there is wrong and/or inaccurate measuring and/or calculation of the quantities electrical energy, a report should be prepared for the quantities that were incorrectly measured and/or calculated electrical energy. No later than 5 days from the composition of the report under the previous paragraph Vez Svoghe shall issue debit (credit) notification for the difference between the recalculated and invoiced quantities electric energy on the basis of the findings of the electricity – distribution company, verified in the report which is integral part of the rectification document." Since the articles do not fully clarify the issue, Vez Svoghe has been pushing CEZ to get a more proper clarification on that. However, Vez Svoghe is still waiting for an official answer from CEZ.

Table 4: Forward action requests for the 2010

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

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 "*GHG emission reduction\Invoices*" 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.

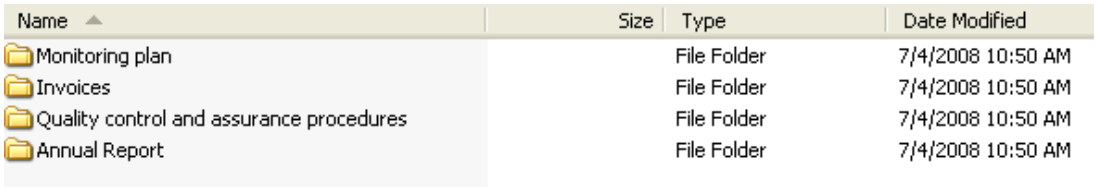


Figure 1: Structure of the “GHG emission reduction” folder

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 2011 was performed two times: on 10th May 2011 and on 16th December 2011. Annex 6 includes the audit report drafted after the completion of internal audit process.

The audit plan for 2012 has not been defined yet. It is going to be set up within the end of March.

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_2 emissions from electricity generation in fossil fuel fired power plants that are displaced due to the project activity, calculated as follows:

$BE_y = (EG_y – EG_{baseline})$ x $EF_{grid, CM, y}$

Where

BE_y = Baseline emissions in year y (tCO_2/yr).

EG_y = 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).

$EF_{grid,CM,y}$ = Combined margin CO_2 emission factor for grid connected power generation in year 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_y) 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.

$$Ly = 0$$

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_2 emission reductions comes from the document "*Baseline Study of Joint Implementation projects in the Bulgarian energy sector*"[2] 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_2 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 5th 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_2 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.

[2] See Annex 5 and http://www.moew.government.bg/recent_doc/climate/Baseline%20CEF%20Summary.pdf

Scenarios	UoM	2008	2009	2010	2011	2012
Scenario Stagnation – Minimum Demand	t_{CO2}/MWh	1.078	0.956	0.917	0.902	0.899
Scenario Prosperity - Maximum Demand	t_{CO2}/MWh	1.059	0.947	0.908	0.884	0.833

Table 5: 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 0.884 t_{CO2}/MWh. The table below summarise the achieved emission reductions in 2011.

Year	Hydro Power Plant	Annual energy generation [3] (MWh)	Carbon Emission Factor[4] (t_{CO2}/MWh)	Amount of achieved emission reduction (t_{CO2})
2011	Lakatnik (Full year)	11,822	0.884	10,451
2011	Svrazhen (Full year)	13,700		12,111
Total	HPPs	25,522		22,562

Table 6: Achieved emission reductions in 2011

[3] See Annex 1, 2 and 3;

[4] See Annex 4, 5;

Annex 1

Monthly invoices

LAKATNIK

JANUARY

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 BG2013079199 ЕИК/ЕГН / UIC/PIN 201307919	ОРИГИНАЛ ORIGINAL	ЧЕЗ ЕЛЕКТРО БЪЛГАРИЯ АД Получател / *Recipient* Адрес София, ул."Г.С.Раковски"№140 *Adress* Идентификационен номер по ДДС / VAT indetification nimber BG175133827 ЕИК/ЕГН / UIC/PIN 175133827

☑ **ФАКТУРА** / ***INVOICE***
☐ **Дебитно известие** / ***Debit note*** Номер 0000000015
☐ **Кредитно известие** / ***Credit note*** *Number*
Към фактура № ____ Дата на издаване: 31.1.2011 г.
To invoice No. *Date of issuance*

Място на сделката: България
Place of the deal

№	Наименование на стоките или услугите *Name of goods or services*	Мярка *Measure*	Количество *Quantity*	Един. цена *Unit price*	Отстъпка *Discount*	Стойност в BGN *Value BGN*
	Произведена електроенергия от МВЕЦ Лакатник за	кВтч	2 038 669	0.20009		407 917.28
	м. Януари по отчетен протокол от 31.01.2011					
	Energy production from HPP Lakatnik for January					
	according to protocol from 31.01.2011					

Основание за нулева ставка или неначисляване на ДДС:
Legal ground for 0% VAT rate or nonapplication of VAT

Данъчна основа / *Tax base*	407 917.28
Данъчна ставка ДДС % / *Tax rate VAT*	20%
Стойност на ДДС / *VAT*	81 583.46
Всичко / *Total*	489 500.74
Сума за плащане / *Amount to be paid*	489 500.74

Словом всичко : четиристотин осемдесет и девет хиляди петстотин лева и 0.74
Say four hundred eightynine thousand five hundred BGN and 0.74

Словом сума за плащане : четиристотин осемдесет и девет хиляди петстотин лева и 0.74
Amount to be paid say four hundred eightynine thousand five hundred BGN and 0.74

Дата на данъчното събитие: 31.1.2011 г.
Date of the tax event

Съставил: Пламен Дилков/ Plamen Dilkov
Prepared by (име и фамилия) (подпис) / *(name) (signature)*

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
Bank institution Unicredit Bulbank AD, Sofia, branch Sv. Nedelia

ПРОТОКОЛ

За потребената и произведена електроенергия от МВЕЦ " ЛАКАТНИК "
Отчетена на ниво Ср.Н
За месец януари 2011г.

електромер № 36039153

Електроенергия продава			
Активна -А	**ново**	**старо**	**кWh**
В, 2.8.1.	6044088	5540404	503684
Д, 2.8.2.	10018765	9174877	843888
Н, 2.8.3.	8232554	7541457	691097
		сумарно А	2038669
Реактивна -R	**ново**	**старо**	**kVArh**
В, 7.8.1.	260647	254450	6197
Д, 7.8.2.	422768	413095	9673
Н, 7.8.3.	318352	311942	6410

Настоящият протокол се състави в два идентични екземпляра - по един за всяка от страните

Дата: 31.01.2011г. За "ЧЕЗ Разпределение България"АД: / П.Попов /

За "ВЕЦ Своге" АД : / Ц. Горбанов /

FEBRUARY

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 BG2013079199 ЕИК/ЕГН / UIC/PIN 201307919	ОРИГИНАЛ ORIGINAL	ЧЕЗ ЕЛЕКТРО БЪЛГАРИЯ АД Получател / *Recipient* Адрес София, ул."Г.С.Раковски"№140 *Adress* Идентификационен номер по ДДС / VAT indetification nimber BG175133827 ЕИК/ЕГН / UIC/PIN 175133827

☑ **ФАКТУРА** / ***INVOICE***
☐ **Дебитно известие** / ***Debit note***
☐ **Кредитно известие** / ***Credit note***

Номер 0000000018 *Number*

Към фактура № *To invoice No.*

Дата на издаване: 28.2.2011 г. *Date of issuance*

Място на сделката: България *Place of the deal*

№	Наименование на стоките или услугите *Name of goods or services*	Мярка *Measure*	Количество *Quantity*	Един. цена *Unit price*	Отстъпка *Discount*	Стойност в BGN *Value BGN*
	Произведена електроенергия от МВЕЦ Лакатник за	кВтч	1 635 268	0.20009		327 200.77
	м. Февруари по отчетен протокол от 28.02.2011					
	Energy production from HPP Lakatnik for February					
	according to protocol from 28.02.2011					

Основание за нулева ставка или неначисляване на ДДС:
Legal ground for 0% VAT rate or nonapplication of VAT

Словом всичко : триста деветдесет и две хиляди шестстотин и четиридесет лв. и 0.92
Say three hundred ninetytwo thousand six hundred and forty BGN and 0.92

Словом сума за плащане : триста деветдесет и две хиляди шестстотин и четиридесет лв. и 0.92
Amount to be paid say three hundred ninetytwo thousand six hundred and forty BGN and 0.92

Данъчна основа / *Tax base*	327 200.77
Данъчна ставка ДДС % / *Tax rate VAT*	20%
Стойност на ДДС / *VAT*	65 440.15
Всичко / *Total*	392 640.92
Сума за плащане / *Amount to be paid*	392 640.92

Дата на данъчното събитие: 28.2.2011 г.
Date of the tax event

Съставил: Пламен Дилков/ Plamen Dilkov
Prepared by (име и фамилия) (подпис) / *(name) (signature)*

Плащане: ☐ в брой *in cash* ☑ с преводно нареждане *bank transfer*
Payment
По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF
Bank identification
При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя
Bank institution Unicredit Bulbank AD, Sofia, branch Sv. Nedelia

ПРОТОКОЛ

За потребената и произведена електроенергия от МВЕЦ " ЛАКАТНИК "
Отчетена на ниво Ср.Н
За месец февруари 2011г.

електромер № 36039153

Електроенергия продава			
Активна -А	**ново**	**старо**	**kWh**
В, 2.8.1.	6453025	6044088	408937
Д, 2.8.2.	10695427	10018765	676662
Н, 2.8.3.	8782223	8232554	549669
		сумарно -А	1635268
Реактивна -R	**ново**	**старо**	**kVArh**
В, 7.8.1.	275634	260647	14987
Д, 7.8.2.	445878	422768	23110
Н, 7.8.3.	336015	318352	17663

Настоящият протокол се състави в два идентични екземпляра - по един за всяка от страните

Дата: 28.02.2011г. За "ЧЕЗ Разпределение България"АД:

/ П.Попов /

За "ВЕЦ Своге" АД : /...Ц.Първанов../

MARCH

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 BG2013079191 ЕИК/ЕГН / UIC/PIN 201307919	ОРИГИНАЛ ORIGINAL	ЧЕЗ ЕЛЕКТРО БЪЛГАРИЯ АД Получател / *Recipient* Адрес София, ул."Г.С.Раковски"№140 *Adress* Идентификационен номер по ДДС / VAT indetification nimber BG1751338227 ЕИК/ЕГН / UIC/PIN 175133827

☑ **ФАКТУРА** / ***INVOICE***
☐ **Дебитно известие** / ***Debit note***
☐ **Кредитно известие** / ***Credit note***

Номер / *Number*: 0000000023

Към фактура № / *To invoice No.*:

Дата на издаване / *Date of issuance*: 31.3.2011 г.

Място на сделката / *Place of the deal*: България

№	Наименование на стоките или услугите / *Name of goods or services*	Мярка / *Measure*	Количество / *Quantity*	Един. цена / *Unit price*	Отстъпка / *Discount*	Стойност в BGN / *Value BGN*
	Произведена електроенергия от МВЕЦ Лакатник за	кВтч	1 781 565	0.20009		356 473.34
	м. Март по отчетен протокол от 31.03.2011					
	Energy production from HPP Lakatnik for March					
	according to protocol from 31.03.2011					

Основание за нулева ставка или неначисляване на ДДС:

Legal ground for 0% VAT rate or nonapplication of VAT

Словом всичко : четиристотин двадесет и седем хиляди седемстотин шестдесет и осем лв. 0.01

Say four hundred twentyseven thousand seven hundred sixtyeight and 0.01

Словом сума за плащане : четиристотин двадесет и седем хиляди седемстотин шестдесет и осем лв. и 0.01

Amount to be paid say four hundred twentyseven thousand seven hundred sixtyeight and 0.01

Данъчна основа / *Tax base*	356 473.34
Данъчна ставка ДДС % / *Tax rate VAT*	20%
Стойност на ДДС / *VAT*	71 294.67
Всичко / *Total*	427 768.01
Сума за плащане / *Amount to be paid*	427 768.01

Дата на данъчното събитие: 31.3.2011 г.
Date of the tax event

Съставил: Пламен Дилков/ Plamen Dilkov
Prepared by (име и фамилия) (подпис) / *(name) (signature)*

Плащане / *Payment*: ☐ в брой / *in cash* ☑ с преводно нареждане / *bank transfer*

По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF
Bank identification

При банка / *Bank institution*: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя
Unicredit Bulbank AD, Sofia, branch Sv. Nedelia

ПРОТОКОЛ

За потребената и произведена електроенергия от МВЕЦ " ЛАКАТНИК "
Отчетена на ниво Ср.Н
За месец март 2011г.

електромер № 36039153

Електроенергия продава			
Активна -А	**ново**	**старо**	**кWh**
В, 2.8.1.	6899132	6453025	446107
Д, 2.8.2.	11432318	10695427	736891
Н, 2.8.3.	9380790	8782223	598567
		сумарно -А	1781565
Реактивна -R	**ново**	**старо**	**kVArh**
В, 7.8.1.	298213	275634	22579
Д, 7.8.2.	482830	445878	36952
Н, 7.8.3.	364845	336015	28830

Настоящият протокол се състави в два идентични екземпляра - по един за всяка от страните

Дата: 31.03.2011г. За "ЧЕЗ Разпределение България"АД: / П.Попов /

За "ВЕЦ Своге" АД : / Хр. Първанов /

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 BG2013079199 ЕИК/ЕГН / UIC/PIN 2013079199	ОРИГИНАЛ ORIGINAL	ЧЕЗ ЕЛЕКТРО БЪЛГАРИЯ АД Получател / *Recipient* Адрес София, ул."Г.С.Раковски"№140 *Adress* Идентификационен номер по ДДС / VAT indetification nimber BG175133827 ЕИК/ЕГН / UIC/PIN 175133827

☑ **ФАКТУРА** / ***INVOICE***
☐ **Дебитно известие** / ***Debit note***
☐ **Кредитно известие** / ***Credit note***

Номер 0000000028
Number

Към фактура № _____
To invoice No.

Дата на издаване: 30.4.2011 г.
Date of issuance

Място на сделката: България
Place of the deal

№	Наименование на стоките или услугите *Name of goods or services*	Мярка *Measure*	Количество *Quantity*	Един. цена *Unit price*	Отстъпка *Discount*	Стойност в BGN *Value BGN*
	Произведена електроенергия от МВЕЦ Лакатник за	кВтч	1 309 423	0.21309		279 024.95
	м. Април по отчетен протокол от 30.04.2011					
	Energy production from HPP Lakatnik for April					
	according to protocol from 30.04.2011					

Основание за нулева ставка или неначисляване на ДДС:
Legal ground for 0% VAT rate or nonapplication of VAT

Данъчна основа / *Tax base*	279 024.95
Данъчна ставка ДДС % / *Tax rate VAT*	20%
Стойност на ДДС / *VAT*	55 804.99
Всичко / *Total*	334 829.94
Сума за плащане / *Amount to be paid*	334 829.94

Словом всичко : триста тридесет и четири хиляди осемстотин двадесет и девет лв. и 0.94
Say three hundred thirtyfour thousand eight hundred twentynine BGN and 0.94

Словом сума за плащане : триста тридесет и четири хиляди осемстотин двадесет и девет лв. и 0.94
Amount to be paid say three hundred thirtyfour thousand eight hundred twentynine BGN and 0.94

Дата на данъчното събитие: 30.4.2011 г.
Date of the tax event

Съставил: Пламен Дилков/ Plamen Dilkov
Prepared by (име и фамилия) (подпис) / *(name) (signature)*

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
Bank institution Unicredit Bulbank AD, Sofia, branch Sv. Nedelia

[redacted]

ПРОТОКОЛ

За потребената и произведена електроенергия от МВЕЦ " ЛАКАТНИК "
Отчетена на ниво Ср.Н
За месец април 2011г.

електромер № 36039153

Електроенергия продава			
Активна -А	**ново**	**старо**	**kWh**
В, 2.8.1.	7230018	6899132	330886
Д, 2.8.2.	11967494	11432318	535176
Н, 2.8.3.	9824151	9380790	443361
		сумарно -А	1309423
Реактивна -R	**ново**	**старо**	**kVArh**
В, 7.8.1.	310818	298213	12605
Д, 7.8.2.	502894	482830	20064
Н, 7.8.3.	380156	364845	15311

Настоящият протокол се състави в два идентични екземпляра - по един за всяка от страните

Дата: 30.04.2011г. За "ЧЕЗ Разпределение България"АД: / П.Попов /

За "ВЕЦ Своге" АД : / М. Първанов /

MAY

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 BG 2013079191 ЕИК/ЕГН / UIC/PIN 201307919	ОРИГИНАЛ ORIGINAL	ЧЕЗ ЕЛЕКТРО БЪЛГАРИЯ АД Получател / *Recipient* Адрес София, ул."Г.С.Раковски"№140 *Adress* Идентификационен номер по ДДС / VAT indetification nimber BG 175133827 ЕИК/ЕГН / UIC/PIN 175133827

☑ **ФАКТУРА** / ***INVOICE***
☐ **Дебитно известие** / ***Debit note***
☐ **Кредитно известие** / ***Credit note***

Номер 0000000032 *Number*

Към фактура № *To invoice No.*

Дата на издаване: 31.5.2011 г. *Date of issuance*

Място на сделката: България *Place of the deal*

№	Наименование на стоките или услугите *Name of goods or services*	Мярка *Measure*	Количество *Quantity*	Един. цена *Unit price*	Отстъпка *Discount*	Стойност в BGN *Value BGN*
	Произведена електроенергия от МВЕЦ Лакатник за	кВтч	1 088 947	0.21309		232 043.72
	м. Май по отчетен протокол от 31.05.2011					
	Energy production from HPP Lakatnik for May					
	according to protocol from 31.05.2011					

Основание за нулева ставка или неначисляване на ДДС:
Legal ground for 0% VAT rate or nonapplication of VAT

Данъчна основа / *Tax base*	232 043.72
Данъчна ставка ДДС % / *Tax rate VAT*	20%
Стойност на ДДС / *VAT*	46 408.74
Всичко / *Total*	278 452.46
Сума за плащане / *Amount to be paid*	278 452.46

Словом всичко : двеста седемдесет и осем хиляди четиристотин петдесет и два лв. и 0.46
Say two hundred sevetyeight thousand four hundred fiftytwo BGN and 0.46

Словом сума за плащане : двеста седемдесет и осем хиляди четиристотин петдесет и два лв. и 0.46
Amount to be paid say two hundred sevetyeight thousand four hundred fiftytwo BGN and 0.46

Дата на данъчното събитие: 31.5.2011 г.
Date of the tax event

Съставил: Пламен Дилков/ Plamen Dilkov
Prepared by (име и фамилия) (подпис) / *(name) (signature)*

Плащане: ☐ в брой *in cash* ☑ с преводно нареждане *bank transfer*
Payment
По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF
Bank identification
При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя
Bank institution Unicredit Bulbank AD, Sofia, branch Sv. Nedelia

ПРОТОКОЛ

За потребената и произведена електроенергия от МВЕЦ " ЛАКАТНИК "
Отчетена на ниво Ср.Н
За месец май 2011г.

електромер № 36039153

Електроенергия продава			
Активна -А	**ново**	**старо**	**kWh**
В, 2.8.1.	7505889	7230018	275871
Д, 2.8.2.	12407642	11967494	440148
Н, 2.8.3.	10197079	9824151	372928
		сумарно -А	1088947
Реактивна -R	**ново**	**старо**	**kVArh**
В, 7.8.1.	321754	310818	10936
Д, 7.8.2.	520057	502894	17163
Н, 7.8.3.	393344	380156	13188

Настоящият протокол се състави в два идентични екземпляра - по един за всяка от страните

Дата: 31.05.2011г. За "ЧЕЗ Разпределение България"АД:

/ П.Попов /

За "ВЕЦ Своге" АД : Ц. Първанов

JUNE

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 BG2013079199 ЕИК/ЕГН / UIC/PIN 2013079199	О О Р R И I Г G И I Н N А A Л L	ЧЕЗ ЕЛЕКТРО БЪЛГАРИЯ АД Получател / *Recipient* Адрес София, ул."Г.С.Раковски"№140 *Adress* Идентификационен номер по ДДС / VAT indetification nimber BG1751338227 ЕИК/ЕГН / UIC/PIN 175133827

☑ **ФАКТУРА** / ***INVOICE***
☐ **Дебитно известие** / ***Debit note***
☐ **Кредитно известие** / ***Credit note***

Номер 0000000036 *Number*

Към фактура № *To invoice No.*

Дата на издаване: 30.6.2011 г. *Date of issuance*

Място на сделката: България *Place of the deal*

№	Наименование на стоките или услугите *Name of goods or services*	Мярка *Measure*	Количество *Quantity*	Един. цена *Unit price*	Отстъпка *Discount*	Стойност в BGN *Value BGN*
	Произведена електроенергия от МВЕЦ Лакатник за	кВтч	846 032	0.21309		180 280.96
	м. Юни по отчетен протокол от 30.06.2011					
	Energy production from HPP Lakatnik for June					
	according to protocol from 30.06.2011					

Основание за нулева ставка или неначисляване на ДДС:

Legal ground for 0% VAT rate or nonapplication of VAT

Данъчна основа / *Tax base*	180 280.96
Данъчна ставка ДДС % / *Tax rate VAT*	20%
Стойност на ДДС / *VAT*	36 056.19
Всичко / *Total*	216 337.15
Сума за плащане / *Amount to be paid*	216 337.15

Словом всичко : двеста и шестнадесет хиляди триста тридесет и седем лв. и 0.15

Say two hundred sixteen thousand three hundred thirtyseven BGN and 0.15

Словом сума за плащане : двеста и шестнадесет хиляди триста тридесет и седем лв. и 0.15

Amount to be paid say two hundred sixteen thousand three hundred thirtyseven BGN and 0.15

Дата на данъчното събитие: 30.6.2011 г.
Date of the tax event

Съставил: Пламен Дилков/ Plamen Dilkov
Prepared by (име и фамилия) (подпис) / *(name) (signature)*

Плащане: ☐ в брой *in cash* ☑ с преводно нареждане *bank transfer*
Payment

По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF
Bank identification

При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя
Bank institution Unicredit Bulbank AD, Sofia, branch Sv. Nedelia

ПРОТОКОЛ

За потребената и произведена електроенергия от МВЕЦ " ЛАКАТНИК "
Отчетена на ниво Ср.Н
За месец юни 2011г.

електромер № 36039153

Електроенергия продава			
Активна -А	**ново**	**старо**	**кWh**
В, 2.8.1.	7718296	7505889	212407
Д, 2.8.2.	12755568	12407642	347926
Н, 2.8.3.	10482778	10197079	285699
		сумарно -А	846032
Реактивна -R	**ново**	**старо**	**kVArh**
В, 7.8.1.	328963	321754	7209
Д, 7.8.2.	531745	520057	11688
Н, 7.8.3.	401820	393344	8476

Настоящият протокол се състави в два идентични екземпляра - по един за всяка от страните

Дата: 30.06.2011г. За "ЧЕЗ Разпределение България"АД:

/ П.Попов /

За "ВЕЦ Своге" АД :

/...../

JULY

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
BG2013079191

ЕИК/ЕГН / UIC/PIN
201307919

ЧЕЗ ЕЛЕКТРО БЪЛГАРИЯ АД

Получател / *Recipient*

Адрес София, ул."Г.С.Раковски"№140
Adress

Идентификационен номер по ДДС / VAT indetification nimber
BG175133827

ЕИК/ЕГН / UIC/PIN
175133827

☑ **ФАКТУРА** / ***INVOICE***
☐ **Дебитно известие** / ***Debit note***
☐ **Кредитно известие** / ***Credit note***

Номер 0000000041
Number

Към фактура №
To invoice No.

Дата на издаване: 31.7.2011 г.
Date of issuance

Място на сделката: България
Place of the deal

№	Наименование на стоките или услугите *Name of goods or services*	Мярка *Measure*	Количество *Quantity*	Един. цена *Unit price*	Отстъпка *Discount*	Стойност в BGN *Value BGN*
	Произведена електроенергия от МВЕЦ Лакатник за	кВтч	714 736	0.21309		152 303.09
	м. Юли по отчетен протокол от 31.07.2011					
	Energy production from HPP Lakatnik for July					
	according to protocol from 31.07.2011					

Основание за нулева ставка или неначисляване на ДДС:
Legal ground for 0% VAT rate or nonapplication of VAT

Данъчна основа / *Tax base* 152 303.09

Данъчна ставка ДДС % / *Tax rate VAT* 20%

Стойност на ДДС / *VAT* 30 460.62

Всичко / *Total* 182 763.71

Сума за плащане / *Amount to be paid* 182 763.71

Словом всичко : сто осемдесет и две хиляди седемстотин шестдесет и три лв. и 0.71
Say one hundred eightytwo thousand seven hundred sixtythree BGN and 0.71

Словом сума за плащане : сто осемдесет и две хиляди седемстотин шестдесет и три лв. и 0.71
Amount to be paid say one hundred eightytwo thousand seven hundred sixtythree BGN and 0.71

Дата на данъчното събитие: 31.7.2011 г.
Date of the tax event

Съставил: Пламен Дилков/ Plamen Dilkov
Prepared by (име и фамилия) (подпис) / (name) (signature)

Плащане: ☐ в брой *in cash* ☑ с преводно нареждане *bank transfer*
Payment

По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF
Bank identification

При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя
Bank institution Unicredit Bulbank AD, Sofia, branch Sv. Nedelia

HPP SVOGE • ELECTRIC POWER STATIONS

ПРОТОКОЛ

За потребената и произведена електроенергия от МВЕЦ " ЛАКАТНИК "
Отчетена на ниво Ср.Н
За месец юли 2011г.

електромер № 36039153

Електроенергия продава			
Активна -А	**ново**	**старо**	**кWh**
В, 2.8.1.	7898017	7718296	179721
Д, 2.8.2.	13053168	12755568	297600
Н, 2.8.3.	10720193	10482778	237415
		сумарно -А	714736
Реактивна -R	**ново**	**старо**	**kVArh**
В, 7.8.1.	333811	328963	4848
Д, 7.8.2.	539950	531745	8205
Н, 7.8.3.	406972	401820	5152

Настоящият протокол се състави в два идентични екземпляра - по един за всяка от страните

Дата: 31.07.2011г. За "ЧЕЗ Разпределение България"АД: / П.Попов /

За "ВЕЦ Своге" АД : / ..Ц..Първанов

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 BG2013079199 ЕИК/ЕГН / UIC/PIN 201307919	ОРИГИНАЛ ORIGINAL	ЧЕЗ ЕЛЕКТРО БЪЛГАРИЯ АД Получател / *Recipient* Адрес София, ул."Г.С.Раковски"№140 *Adress* Идентификационен номер по ДДС / VAT indetification nimber BG175133827 ЕИК/ЕГН / UIC/PIN 175133827

☑ **ФАКТУРА** / ***INVOICE***
☐ **Дебитно известие** / ***Debit note***
☐ **Кредитно известие** / ***Credit note***

Номер 0000000045 *Number*

Към фактура № *To invoice No.*

Дата на издаване: 31.8.2011 г. *Date of issuance*

Място на сделката: България *Place of the deal*

№	Наименование на стоките или услугите *Name of goods or services*	Мярка *Measure*	Количество *Quantity*	Един. цена *Unit price*	Отстъпка *Discount*	Стойност в BGN *Value BGN*
	Произведена електроенергия от МВЕЦ Лакатник за	кВтч	469 393	0,21309		100 022,95
	м. Август по отчетен протокол от 31.08.2011					
	Energy production from HPP Lakatnik for August					
	according to protocol from 31.08.2011					

Основание за нулева ставка или неначисляване на ДДС: *Legal ground for 0% VAT rate or nonapplication of VAT*

Словом всичко : сто и двадесет хиляди двадесет и седем лева и 0,54
one hundred twenty thousand twentyseven BGN and 0,54
Say

Словом сума за плащане : сто и двадесет хиляди двадесет и седем лева и 0,54
Amount to be paid say one hundred twenty thousand twentyseven BGN and 0,54

Данъчна основа / *Tax base*	100 022,95
Данъчна ставка ДДС % / *Tax rate VAT*	20%
Стойност на ДДС / *VAT*	20 004,59
Всичко / *Total*	120 027,54
Сума за плащане / *Amount to be paid*	120 027,54

Дата на данъчното събитие: 31.8.2011 г. *Date of the tax event*

Съставил: Пламен Дилков/ Plamen Dilkov *Prepared by* (име и фамилия) (подпис) / *(name) (signature)*

Плащане: *Payment* ☐ в брой *In cash* ☑ с преводно нареждане *bank transfer*

По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF *Bank identification*

При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя *Bank institution* Unicredit Bulbank AD, Sofia, branch Sv. Nedelia

ПРОТОКОЛ

За потребената и произведена електроенергия от МВЕЦ " ЛАКАТНИК "
Отчетена на ниво Ср.Н
За месец август 2011г.

електромер № 36039153

Електроенергия продава			
Активна -А	**ново**	**старо**	**kWh**
В, 2.8.1.	8015308	7898017	117291
Д, 2.8.2.	13250202	13053168	197034
Н, 2.8.3.	10875261	10720193	155068
		сумарно -А	469393
Реактивна -R	**ново**	**старо**	**kVArh**
В, 7.8.1.	335741	333811	1930
Д, 7.8.2.	543130	539950	3180
Н, 7.8.3.	408653	406972	1681

Настоящият протокол се състави в два идентични екземпляра - по един за всяка от страните

Дата: 31.08.2011г. За "ЧЕЗ Разпределение България"АД:
/ П.Попов /

За "ВЕЦ Своге" АД : Ц. Първанов

SEPTEMBER

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 BG2013079199 ЕИК/ЕГН / UIC/PIN 201307919	ОРИГИНАЛ ORIGINAL	ЧЕЗ ЕЛЕКТРО БЪЛГАРИЯ АД Получател / *Recipient* Адрес София, ул."Г.С.Раковски"№140 *Adress* Идентификационен номер по ДДС / VAT indetification nimber BG1751338227 ЕИК/ЕГН / UIC/PIN 175133827

☑ **ФАКТУРА** / ***INVOICE***
☐ **Дебитно известие** / ***Debit note***
☐ **Кредитно известие** / ***Credit note***

Номер 0000000049 *Number*

Към фактура № *To invoice No.*

Дата на издаване: 30.9.2011 г. *Date of issuance*

Място на сделката: България *Place of the deal*

№	Наименование на стоките или услугите *Name of goods or services*	Мярка *Measure*	Количество *Quantity*	Един. цена *Unit price*	Отстъпка *Discount*	Стойност в BGN *Value BGN*
	Произведена електроенергия от МВЕЦ Лакатник за	кВтч	324 230	0.21309		69 090.17
	м. Септември по отчетен протокол от 30.09.2011					
	Energy production from HPP Lakatnik for Serptember					
	according to protocol from 30.09.2011					

Основание за нулева ставка или неначисляване на ДДС: *Legal ground for 0% VAT rate or nonapplication of VAT*

Словом всичко : осемдесет и две хиляди деветстотин и осем лв. и 0.20

Say eightytwo thousand nine hundred and eight BGN and 0.20

Словом сума за плащане : осемдесет и две хиляди деветстотин и осем лв. и 0.20

Amount to be paid say eightytwo thousand nine hundred and eight BGN and 0.20

Данъчна основа / *Tax base*	69 090.17
Данъчна ставка ДДС % / *Tax rate VAT*	20%
Стойност на ДДС / *VAT*	13 818.03
Всичко / *Total*	82 908.20
Сума за плащане / *Amount to be paid*	82 908.20

Дата на данъчното събитие: 30.9.2011 г. *Date of the tax event*

Съставил: Пламен Дилков/ Plamen Dilkov *Prepared by* (име и фамилия) (подпис) / *(name) (signature)*

Плащане: ☐ в брой *In cash* ☑ с преводно нареждане *bank transfer*

По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF *Bank identification*

При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя *Bank institution* Unicredit Bulbank AD, Sofia, branch Sv. Nedelia

ПРОТОКОЛ

За потребената и произведена електроенергия от МВЕЦ " ЛАКАТНИК "
Отчетена на ниво Ср.Н
За месец септември 2011г.

електромер № 36039153

Електроенергия продава			
Активна -А	**ново**	**старо**	**кWh**
В, 2.8.1.	8097171	8015308	81863
Д, 2.8.2.	13387180	13250202	136978
Н, 2.8.3.	10980650	10875261	105389
		сумарно -А	324230
Реактивна -R	**ново**	**старо**	**kVArh**
В, 7.8.1.	336602	335741	861
Д, 7.8.2.	544828	543130	1698
Н, 7.8.3.	409366	408653	713

Настоящият протокол се състави в два идентични екземпляра - по един за всяка от страните

Дата: 30.09.2011г. За "ЧЕЗ Разпределение България"АД: / П.Попов /

За "ВЕЦ Своге" АД : Цв. Първанов

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 BG 2013079191 ЕИК/ЕГН / UIC/PIN 201307919	ОРИГИНАЛ ORIGINAL	ЧЕЗ ЕЛЕКТРО БЪЛГАРИЯ АД Получател / *Recipient* Адрес София, ул."Г.С.Раковски"№140 *Adress* Идентификационен номер по ДДС / VAT indetification nimber BG 175133827 ЕИК/ЕГН / UIC/PIN 175133827

☑ **ФАКТУРА** / ***INVOICE***
☐ **Дебитно известие** / ***Debit note***
☐ **Кредитно известие** / ***Credit note***

Номер 0000000053 *Number*

Към фактура № *To invoice No.*

Дата на издаване: 31.10.2011 г. *Date of issuance*

Място на сделката: България *Place of the deal*

№	Наименование на стоките или услугите *Name of goods or services*	Мярка *Measure*	Количество *Quantity*	Един. цена *Unit price*	Отстъпка *Discount*	Стойност в BGN *Value BGN*
	Произведена електроенергия от МВЕЦ Лакатник за	кВтч	550 128	0.21309		117 226.78
	м. Октомври по отчетен протокол от 31.10.2011					
	Energy production from HPP Lakatnik for October					
	according to protocol from 31.10.2011					

Основание за нулева ставка или неначисляване на ДДС:
Legal ground for 0% VAT rate or nonapplication of VAT

Словом всичко : сто и четиридесет хиляди шестстотин седемдесет и два лв. и 0.14
Say one hundred and forty thousand six hundred seventytwo BGN and 0.14

Словом сума за плащане : сто и четиридесет хиляди шестстотин седемдесет и и два лв. и 0.14
Amount to be paid say one hundred and forty thousand six hundred seventytwo BGN and 0.14

Данъчна основа / *Tax base*	117 226.78
Данъчна ставка ДДС % / *Tax rate VAT*	20%
Стойност на ДДС / *VAT*	23 445.36
Всичко / *Total*	140 672.14
Сума за плащане / *Amount to be paid*	140 672.14

Дата на данъчното събитие: 31.10.2011 г. *Date of the tax event*

Съставил: Пламен Дилков/ Plamen Dilkov *Prepared by* (име и фамилия) (подпис) / *(name) (signature)*

Плащане: ☐ в брой *in cash* ☑ с преводно нареждане *bank transfer* *Payment*

По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF *Bank identification*

При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя *Bank institution* Unicredit Bulbank AD, Sofia, branch Sv. Nedelia

ПРОТОКОЛ

За потребената и произведена електроенергия от МВЕЦ " ЛАКАТНИК "
Отчетена на ниво Ср.Н
За месец октомври 2011г.

електромер № 36039153

Електроенергия продава			
Активна -А	**ново**	**старо**	**кWh**
В, 2.8.1.	8235176	8097171	138005
Д, 2.8.2.	13616887	13387180	229707
Н, 2.8.3.	11163066	10980650	182416
		сумарно -А	550128
Реактивна -R	**ново**	**старо**	**kVArh**
В, 7.8.1.	339700	336602	3098
Д, 7.8.2.	549981	544828	5153
Н, 7.8.3.	412823	409366	3457

Настоящият протокол се състави в два идентични екземпляра - по един за всяка от страните

Дата: 31.10.2011г. За "ЧЕЗ Разпределение България"АД: / П.Попов /

За "ВЕЦ Своге" АД : И.Ц. Първанов

NOVEMBER

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 BG2013079199 ЕИК/ЕГН / UIC/PIN 201307919	ОРИГИНАЛ ORIGINAL	ЧЕЗ ЕЛЕКТРО БЪЛГАРИЯ АД Получател / *Recipient* Адрес София, ул."Г.С.Раковски"№140 *Adress* Идентификационен номер по ДДС / VAT indetification nimber BG175133827 ЕИК/ЕГН / UIC/PIN 175133827

☑ **ФАКТУРА** / ***INVOICE***

☐ **Дебитно известие** / ***Debit note***

☐ **Кредитно известие** / ***Credit note***

Номер 0000000056 *Number*

Към фактура № *To invoice No.*

Дата на издаване: 30.11.2011 г. *Date of issuance*

Място на сделката: България *Place of the deal*

№	Наименование на стоките или услугите *Name of goods or services*	Мярка *Measure*	Количество *Quantity*	Един. цена *Unit price*	Отстъпка *Discount*	Стойност в BGN *Value BGN*
	Произведена електроенергия от МВЕЦ Лакатник за	кВтч	487 869	0.21309		103 960.01
	м. Ноември по отчетен протокол от 30.11.2011					
	Energy production from HPP Lakatnik for November					
	according to protocol from 30.11.2011					

Основание за нулева ставка или неначисляване на ДДС:

Legal ground for 0% VAT rate or nonapplication of VAT

Данъчна основа / *Tax base*	103 960.01
Данъчна ставка ДДС % / *Tax rate VAT*	20%
Стойност на ДДС / *VAT*	20 792.00
Всичко / *Total*	124 752.01
Сума за плащане / *Amount to be paid*	124 752.01

Словом всичко : сто двадесет и четири хиляди седемстотин петдесет и два лева и 0.01

Say one hundred twentyfour thousand seven hundred fiftytwo BGN and 0.01

Словом сума за плащане : сто двадесет и четири хиляди седемстотин петдесет и два и 0.01

Amount to be paid say one hundred twentyfour thousand seven hundred fiftytwo BGN and 0.01

Дата на данъчното събитие: 30.11.2011 г. *Date of the tax event*

Съставил: Пламен Дилков/ Plamen Dilkov *Prepared by* (име и фамилия) (подпис) / *(name) (signature)*

Плащане: ☐ в брой *in cash* ☑ с преводно нареждане *bank transfer* *Payment*

По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF *Bank identification*

При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя *Bank institution* Unicredit Bulbank AD, Sofia, branch Sv. Nedelia

ПРОТОКОЛ

За потребената и произведена електроенергия от МВЕЦ " ЛАКАТНИК "
Отчетена на ниво Ср.Н
За месец ноември 2011г.

електромер № 36039153

Електроенергия продава			
Активна -А	**ново**	**старо**	**kWh**
В, 2.8.1.	8353585	8235176	118409
Д, 2.8.2.	13823033	13616887	206146
Н, 2.8.3.	11326380	11163066	163314
		сумарно -А	487869
Реактивна -R	**ново**	**старо**	**kVArh**
В, 7.8.1.	341868	339700	2168
Д, 7.8.2.	554173	549981	4192
Н, 7.8.3.	414994	412823	2171

Настоящият протокол се състави в два идентични екземпляра - по един за всяка от страните

Дата: 30.11.2011г. За "ЧЕЗ Разпределение България"АД:

/ П.Попов /

За "ВЕЦ Своге" АД :

DECEMBER

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 BG2013079191 ЕИК/ЕГН / UIC/PIN 201307919	ОРИГИНАЛ ORIGINAL	ЧЕЗ ЕЛЕКТРО БЪЛГАРИЯ АД Получател / *Recipient* Адрес София, ул."Г.С.Раковски"№140 *Adress* Идентификационен номер по ДДС / VAT indetification nimber BG1751338227 ЕИК/ЕГН / UIC/PIN 175133827

☑ **ФАКТУРА** / *INVOICE*
☐ **Дебитно известие** / *Debit note*
☐ **Кредитно известие** / *Credit note*

Номер 0000000059 *Number*

Към фактура № *To invoice No.*

Дата на издаване: 31.12.2011 г. *Date of issuance*

Място на сделката: България *Place of the deal*

№	Наименование на стоките или услугите *Name of goods or services*	Мярка *Measure*	Количество *Quantity*	Един. цена *Unit price*	Отстъпка *Discount*	Стойност в BGN *Value BGN*
	Произведена електроенергия от МВЕЦ Лакатник за	кВтч	575 864	0.21309		122 710.86
	м. Декември по отчетен протокол от 31.12.2011					
	Energy production from HPP Lakatnik for December					
	according to protocol from 31.12.2011					

Основание за нулева ставка или неначисляване на ДДС:
Legal ground for 0% VAT rate or nonapplication of VAT

Данъчна основа / *Tax base*	122 710.86
Данъчна ставка ДДС % / *Tax rate VAT*	20%
Стойност на ДДС / *VAT*	24 542.17
Всичко / *Total*	147 253.03
Сума за плащане / *Amount to be paid*	147 253.03

Словом всичко : сто четиридесет и седем хиляди двеста петдесет и три лв. и 0.03
Say one hundred fortyseven thousand two hundred fiftythree BGN and 0.03

Словом сума за плащане : сто и четиридесет и седем хиляди двеста петдесет и три лв. и 0.03
Amount to be paid say one hundred fortyseven thousand two hundred fiftythree BGN and 0.03

Дата на данъчното събитие: 31.12.2011 г.
Date of the tax event

Съставил: Пламен Дилков/ Plamen Dilkov
Prepared by (име и фамилия) (подпис) / *(name) (signature)*

Плащане: ☐ в брой *in cash* ☑ с преводно нареждане *bank transfer*
Payment
По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF
Bank identification
При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя
Bank institution Unicredit Bulbank AD, Sofia, branch Sv. Nedelia

ПРОТОКОЛ

За потребената и произведена електроенергия от МВЕЦ " ЛАКАТНИК "
Отчетена на ниво Ср.Н
За месец декември 2011г.

електромер № 36039153

Електроенергия продава			
Активна -А	**ново**	**старо**	**kWh**
В, 2.8.1.	8495834	8353585	142249
Д, 2.8.2.	14065753	13823033	242720
Н, 2.8.3.	11517275	11326380	190895
Реактивна -R	**ново**	**старо**	**kVArh**
В, 7.8.1.	345158	341868	3290
Д, 7.8.2.	560061	554173	5888
Н, 7.8.3.	418353	414994	3359

Настоящият протокол се състави в два идентични екземпляра - по един за всяка от страните

Дата: 31.12.2011г. За "ЧЕЗ Разпределение България"АД: / П.Попов /

За "ВЕЦ Своге" АД : / Ц. Първанов

Monthly invoices

SVRAZHEN

JANUARY

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 BG2013079191 ЕИК/ЕГН / UIC/PIN 201307919	ОРИГИНАЛ ORIGINAL	ЧЕЗ ЕЛЕКТРО БЪЛГАРИЯ АД Получател / *Recipient* Адрес София, ул."Г.С.Раковски"№140 *Adress* Идентификационен номер по ДДС / VAT indetification nimber BG175133827 ЕИК/ЕГН / UIC/PIN 175133827

☑ **ФАКТУРА** / ***INVOICE***
☐ **Дебитно известие** / ***Debit note***
☐ **Кредитно известие** / ***Credit note***

Номер / *Number* 0000000016

Към фактура № / *To invoice No.*

Дата на издаване: / *Date of issuance* 31.1.2011 г.

Място на сделката: България
Place of the deal

№	Наименование на стоките или услугите *Name of goods or services*	Мярка *Measure*	Количество *Quantity*	Един. цена *Unit price*	Отстъпка *Discount*	Стойност в BGN *Value BGN*
	Произведена електроенергия от МВЕЦ Свражен за	кВтч	2 274 552	0.20009		455 115.11
	м. Януари по отчетен протокол от 31.01.2011					
	Energy production from HPP Svrajen for January					
	according to protocol from 31.01.2011					

Основание за нулева ставка или неначисляване на ДДС:
Legal ground for 0% VAT rate or nonapplication of VAT

Данъчна основа / *Tax base*	455 115.11
Данъчна ставка ДДС % / *Tax rate VAT*	20%
Стойност на ДДС / *VAT*	91 023.02
Всичко / *Total*	546 138.13
Сума за плащане / *Amount to be paid*	546 138.13

Словом всичко : петстотин четиридесет и шест хиляди сто тридесет и осем лева и 0.13
Say five hundred fortysix thousand one hundred thirtyeight BGN and 0.13

Словом сума за плащане : петстотин четиридесет и шест хиляди сто тридесет и осем и 0.13
Amount to be paid say five hundred fortysix thousand one hundred thirtyeight BGN and 0.13

Дата на данъчното събитие: 31.1.2011 г.
Date of the tax event

Съставил: Пламен Дилков/ Plamen Dilkov
Prepared by (име и фамилия) (подпис) / *(name) (signature)*

Плащане: ☐ в брой / *in cash* ☑ с преводно нареждане / *bank transfer*
Payment

По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF
Bank identification

При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя
Bank institution Unicredit Bulbank AD, Sofia, branch Sv. Nedelia

ПРОТОКОЛ
за произведената ел. енергия от ВЕЦ "СВРАЖЕН", фирма:"ВЕЦ Своге" АД
за периода 01.2011г.

Таблица №1. Генерирана ел. енергия отчетена по е-р №36039199

Г-р	Тарифа	Показание		Разлика	Конст.	Генерирана ел.енергия в kWh
		НОВО	СТАРО			
№1	ВЪРХОВА	6230032	5660710	569 322	1	**569 322**
	ДНЕВНА	10326732	9403041	923 691	1	**923 691**
	НОЩНА	8542569	7761030	781 539	1	**781 539**
ОБЩО:						**2 274 552**

Таблица №3. Ел. енергия за фактуриране.

Г-р	Тарифа	Генерирана ел. енергия kWh
№1	ВЪРХОВА	**569 322**
	ДНЕВНА	**923 691**
	НОЩНА	**781 539**
ВСИЧКО:		**2 274 552**

ЗА "ВЕЦ Своге" АД **ЗА "ЧЕЗ РАЗПРЕДЕЛЕНИЕ БГ" АД:**

/.....Първанов/ /Петър Попов/

Дата : 31.01.2011

FEBRUARY

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* BG2013079191 ЕИК/ЕГН / UIC/PIN 201307919	ОРИГИНАЛ ORIGINAL	ЧЕЗ ЕЛЕКТРО БЪЛГАРИЯ АД Получател / *Recipient* Адрес София, ул."Г.С.Раковски"№140 *Adress* *Идентификационен номер по ДДС / VAT indetification nimber* BG1751338227 ЕИК/ЕГН / UIC/PIN 175133827

☑ **ФАКТУРА** / *INVOICE*
☐ **Дебитно известие** / *Debit note*
☐ **Кредитно известие** / *Credit note*

Номер 0000000019 *Number*

Към фактура № *To invoice No.*

Дата на издаване: 28.2.2011 г. *Date of issuance*

Място на сделката: България *Place of the deal*

№	Наименование на стоките или услугите *Name of goods or services*	Мярка *Measure*	Количество *Quantity*	Един. цена *Unit price*	Отстъпка *Discount*	Стойност в BGN *Value BGN*
	Произведена електроенергия от МВЕЦ Свражен за	кВтч	1 879 380	0.20009		376 045.14
	м. Февруари по отчетен протокол от 28.02.2011					
	Energy production from HPP Svrajen for February					
	according to protocol from 28.02.2011					

Основание за нулева ставка или неначисляване на ДДС: *Legal ground for 0% VAT rate or nonapplication of VAT*

Данъчна основа / *Tax base*	376 045.14
Данъчна ставка ДДС % / *Tax rate VAT*	20%
Стойност на ДДС / *VAT*	75 209.03
Всичко / *Total*	451 254.17
Сума за плащане / *Amount to be paid*	451 254.17

Словом всичко : четиристотин петдесет и една хиляди двеста петдесет и четири лв. и 0.17
Say four hundred fiftyone thousand two hundred fiftyfour BGN and 0.17

Словом сума за плащане : четиристотин петдесет и една хиляди двеста петдесет и четири лв. и 0.17
Amount to be paid say four hundred fiftyone thousand two hundred fiftyfour BGN and 0.17

Дата на данъчното събитие: 28.2.2011 г. *Date of the tax event*

Съставил: Пламен Дилков/ Plamen Dilkov *Prepared by* (име и фамилия) (подпис) / *(name) (signature)*

Плащане: ☐ в брой *in cash* ☑ с преводно нареждане *bank transfer* *Payment*

По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF *Bank identification*

При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя *Bank institution* Unicredit Bulbank AD, Sofia, branch Sv. Nedelia

ПРОТОКОЛ
за произведената ел. енергия от ВЕЦ "СВРАЖЕН", фирма:"ВЕЦ Своге" АД
за периода 02.2011г.

Таблица №1. Генерирана ел. енергия отчетена по е-р №36039199

Г-р	Тарифа	Показание		Разлика	Конст.	Генерирана ел.енергия в kWh
		НОВО	СТАРО			
№1	ВЪРХОВА	6702758	6230032	472 726	1	**472 726**
	ДНЕВНА	11111020	10326732	784 288	1	**784 288**
	НОЩНА	9164935	8542569	622 366	1	**622 366**
ОБЩО:						**1 879 380**

Таблица №3. Ел. енергия за фактуриране.

Г-р	Тарифа	Генерирана ел. енергия kWh
№1	ВЪРХОВА	**472 726**
	ДНЕВНА	**784 288**
	НОЩНА	**622 366**
ВСИЧКО:		**1 879 380**

ЗА "ВЕЦ Своге" АД **ЗА "ЧЕЗ РАЗПРЕДЕЛЕНИЕ БГ" АД:**

/Ив. Първанов/ **/Петър Попов/**

Дата : 28.02.2011

MARCH

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

BG2013079199

ЕИК/ЕГН / UIC/PIN

201307919

ОРИГИНАЛ / ORIGINAL

ЧЕЗ ЕЛЕКТРО БЪЛГАРИЯ АД

Получател / *Recipient*

Адрес София, ул."Г.С.Раковски"№140

Adress

Идентификационен номер по ДДС / VAT indetification nimber

BG175133827

ЕИК/ЕГН / UIC/PIN

175133827

☑ **ФАКТУРА** / ***INVOICE***

☐ **Дебитно известие** / ***Debit note***

☐ **Кредитно известие** / ***Credit note***

Номер / *Number* 0000000024

Към фактура № / *To invoice No.*

Дата на издаване: / *Date of issuance* 31.3.2011 г.

Място на сделката: България

Place of the deal

№	Наименование на стоките или услугите *Name of goods or services*	Мярка *Measure*	Количество *Quantity*	Един. цена *Unit price*	Отстъпка *Discount*	Стойност в BGN *Value BGN*
	Произведена електроенергия от МВЕЦ Свражен за	кВтч	2 025 604	0.20009		405 303.10
	м. Март по отчетен протокол от 31.03.2011					
	Energy production from HPP Svrajen for March					
	according to protocol from 31.03.2011					

Основание за нулева ставка или неначисляване на ДДС:

Legal ground for 0% VAT rate or nonapplication of VAT

Данъчна основа / *Tax base*	405 303.10
Данъчна ставка ДДС % / *Tax rate VAT*	20%
Стойност на ДДС / *VAT*	81 060.62
Всичко / *Total*	486 363.72
Сума за плащане / *Amount to be paid*	486 363.72

Словом всичко : четиристотин осемдесет и шест хиляди триста шестдесет и три лв. и 0.72

Say four hundred eightysix thousand three hundred sixtythree BGN and 0.72

Словом сума за плащане : четиристотин осемдесет и шест хиляди триста шестдесет и три лв. и 0.72

Amount to be paid say four hundred eightysix thousand three hundred BGN and 0.72

Дата на данъчното събитие: 31.3.2011 г.

Date of the tax event

Съставил: Пламен Дилков/ Plamen Dilkov

Prepared by (име и фамилия) (подпис) / *(name) (signature)*

Плащане: ☐ в брой *in cash* ☑ с преводно нареждане *bank transfer*

Payment

По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF

Bank identification

При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя

Bank institution Unicredit Bulbank AD, Sofia, branch Sv. Nedelia

ПРОТОКОЛ
за произведената ел. енергия от ВЕЦ "СВРАЖЕН", фирма:"ВЕЦ Своге" АД
за периода 03.2011г.

Таблица №1. Генерирана ел. енергия отчетена по е-р №36039199

Г-р	Тарифа	Показание		Разлика	Конст.	Генерирана ел.енергия в kWh
		НОВО	СТАРО			
№1	ВЪРХОВА	7212281	6702758	509 523	1	**509 523**
	ДНЕВНА	11944667	11111020	833 647	1	**833 647**
	НОЩНА	9847369	9164935	682 434	1	**682 434**
ОБЩО:						**2 025 604**

Таблица №3. Ел. енергия за фактуриране.

Г-р	Тарифа	Генерирана ел. енергия kWh
№1	ВЪРХОВА	**509 523**
	ДНЕВНА	**833 647**
	НОЩНА	**682 434**
ВСИЧКО:		**2 025 604**

ЗА "ВЕЦ Своге" АД /Ц. Първанов/

ЗА "ЧЕЗ РАЗПРЕДЕЛЕНИЕ БГ" АД: /Петър Попов/

Дата : 31.03.2011

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: BG2013079199

ЕИК/ЕГН / UIC/PIN: 201307919

ОРИГИНАЛ / ORIGINAL

ЧЕЗ ЕЛЕКТРО БЪЛГАРИЯ АД

Получател / *Recipient*

Адрес София, ул."Г.С.Раковски"№140

Adress

Идентификационен номер по ДДС / VAT indetification nimber: BG175133827

ЕИК/ЕГН / UIC/PIN: 175133827

☑ **ФАКТУРА** / ***INVOICE***

☐ **Дебитно известие** / ***Debit note***

☐ **Кредитно известие** / ***Credit note***

Номер / *Number*: 0000000029

Към фактура № / *To invoice No.*:

Дата на издаване / *Date of issuance*: 30.4.2011 г.

Място на сделката / *Place of the deal*: България

№	Наименование на стоките или услугите / *Name of goods or services*	Мярка / *Measure*	Количество / *Quantity*	Един. цена / *Unit price*	Отстъпка / *Discount*	Стойност в BGN / *Value BGN*
	Произведена електроенергия от МВЕЦ Свражен за	кВтч	1 478 295	0.21309		315 009.88
	м. Април по отчетен протокол от 30.04.2011					
	Energy production from HPP Svrajen for April					
	according to protocol from 30.04.2011					

Основание за нулева ставка или неначисляване на ДДС:

Legal ground for 0% VAT rate or nonapplication of VAT

Данъчна основа / *Tax base*	315 009.88
Данъчна ставка ДДС % / *Tax rate VAT*	20%
Стойност на ДДС / *VAT*	63 001.98
Всичко / *Total*	378 011.86
Сума за плащане / *Amount to be paid*	378 011.86

Словом всичко : триста седемдесет и осем хиляди единадесет лв. и 0.86

Say three hundred seventyeight thousand eleven BGN and 0.86

Словом сума за плащане : триста седемдесет и осем хиляди единадесет и 0.86

Amount to be paid say three hundred seventyeight thousand eleven BGN and 0.86

Дата на данъчното събитие: 30.4.2011 г.

Date of the tax event

Съставил: Пламен Дилков/ Plamen Dilkov

Prepared by (име и фамилия) (подпис) / *(name) (signature)*

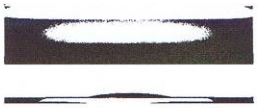
Плащане / *Payment*: ☐ в брой / *in cash* ☑ с преводно нареждане / *bank transfer*

По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF

Bank identification

При банка / *Bank institution*: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя

Unicredit Bulbank AD, Sofia, branch Sv. Nedelia



ПРОТОКОЛ
за произведената ел. енергия от ВЕЦ "СВРАЖЕН", фирма:"ВЕЦ Своге" АД
за периода 04.2011г.

Таблица №1. Генерирана ел. енергия отчетена по е-р №36039199

Г-р	Тарифа	Показание		Разлика	Конст.	Генерирана ел.енергия в kWh
		НОВО	СТАРО			
№1	ВЪРХОВА	7585786	7212281	373 505	1	**373 505**
	ДНЕВНА	12549462	11944667	604 795	1	**604 795**
	НОЩНА	10347364	9847369	499 995	1	**499 995**
ОБЩО:						**1 478 295**

Таблица №3. Ел. енергия за фактуриране.

Г-р	Тарифа	Генерирана ел. енергия kWh
№1	ВЪРХОВА	**373 505**
	ДНЕВНА	**604 795**
	НОЩНА	**499 995**
ВСИЧКО:		**1 478 295**

ЗА "ВЕЦ Своге" АД Цв. Първанов

ЗА "ЧЕЗ РАЗПРЕДЕЛЕНИЕ БГ" АД:

/Петър Попов/

Дата : 30.04.2011

MAY

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 BG 2013079191 ЕИК/ЕГН / UIC/PIN 2013079191	ОРИГИНАЛ ORIGINAL	ЧЕЗ ЕЛЕКТРО БЪЛГАРИЯ АД Получател / *Recipient* Адрес София, ул."Г.С.Раковски"№140 *Adress* Идентификационен номер по ДДС / VAT indetification nimber BG 1751338227 ЕИК/ЕГН / UIC/PIN 1751338227

☑ **ФАКТУРА** / ***INVOICE***
☐ **Дебитно известие** / ***Debit note***
☐ **Кредитно известие** / ***Credit note***

Номер 0000000033
Number

Към фактура № _____
To invoice No.

Дата на издаване: 31.5.2011 г.
Date of issuance

Място на сделката: България
Place of the deal

№	Наименование на стоките или услугите *Name of goods or services*	Мярка *Measure*	Количество *Quantity*	Един. цена *Unit price*	Отстъпка *Discount*	Стойност в BGN *Value BGN*
	Произведена електроенергия от МВЕЦ Свражен за	кВтч	1 278 683	0.21309		272 474.56
	м. Май по отчетен протокол от 31.05.2011					
	Energy production from HPP Svrajen for May					
	according to protocol from 31.05.2011					

Основание за нулева ставка или неначисляване на ДДС:
Legal ground for 0% VAT rate or nonapplication of VAT

Данъчна основа / *Tax base*	272 474.56
Данъчна ставка ДДС % / *Tax rate VAT*	20%
Стойност на ДДС / *VAT*	54 494.91
Всичко / *Total*	326 969.47
Сума за плащане / *Amount to be paid*	326 969.47

Словом всичко : триста двадесет и шест хиляди деветстотин шестдесет и девет лв. и 0.47
Say three hundred twentysix thousand nine hundred sixtynine BGN and 0.47

Словом сума за плащане : триста двадесет и шест хиляди деветстотин шестдесет и девет лв. 0.47
Amount to be paid say three hundred twentysix thousand nine hundred sixty-nine BGN and 0.47

Дата на данъчното събитие: 31.5.2011 г.
Date of the tax event

Съставил: Пламен Дилков/ Plamen Dilkov
Prepared by (име и фамилия) (подпис) / *(name) (signature)*

Плащане: ☐ в брой *in cash* ☑ с преводно нареждане *bank transfer*
Payment
По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF
Bank identification
При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя
Bank institution Unicredit Bulbank AD, Sofia, branch Sv. Nedelia

ПРОТОКОЛ
за произведената ел. енергия от ВЕЦ "СВРАЖЕН", фирма:"ВЕЦ Своге" АД
за периода 05.2011г.

Таблица №1. Генерирана ел. енергия отчетена по е-р №36039199

Г-р	Тарифа	Показание		Разлика	Конст.	Генерирана ел.енергия в kWh
		НОВО	СТАРО			
№1	ВЪРХОВА	7909785	7585786	323 999	1	323 999
	ДНЕВНА	13066383	12549462	516 921	1	516 921
	НОЩНА	10785127	10347364	437 763	1	437 763
ОБЩО:						1 278 683

Таблица №3. Ел. енергия за фактуриране.

Г-р	Тарифа	Генерирана ел. енергия kWh
№1	ВЪРХОВА	323 999
	ДНЕВНА	516 921
	НОЩНА	437 763
ВСИЧКО:		1 278 683

ЗА "ВЕЦ Своге" АД

Ц. Първакова

ЗА "ЧЕЗ РАЗПРЕДЕЛЕНИЕ БГ" АД:

/Петър Попов/

Дата : 31.05.2011

JUNE

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 BG2013079191 ЕИК/ЕГН / UIC/PIN 2013079191	ОРИГИНАЛ ORIGINAL	ЧЕЗ ЕЛЕКТРО БЪЛГАРИЯ АД Получател / *Recipient* Адрес София, ул."Г.С.Раковски"№140 *Adress* Идентификационен номер по ДДС / VAT indetification nimber BG175133827 ЕИК/ЕГН / UIC/PIN 175133827

☑ **ФАКТУРА** / ***INVOICE***
☐ **Дебитно известие** / ***Debit note***
☐ **Кредитно известие** / ***Credit note***

Номер 0000000037 *Number*

Към фактура № *To invoice No.*

Дата на издаване: 30.6.2011 г. *Date of issuance*

Място на сделката: България *Place of the deal*

№	Наименование на стоките или услугите *Name of goods or services*	Мярка *Measure*	Количество *Quantity*	Един. цена *Unit price*	Отстъпка *Discount*	Стойност в BGN *Value BGN*
	Произведена електроенергия от МВЕЦ Свражен за	кВтч	998 643	0.21309		212 800.84
	м. Юни по отчетен протокол от 30.06.2011					
	Energy production from HPP Svrajen for June					
	according to protocol from 30.06.2011					

Основание за нулева ставка или неначисляване на ДДС:

Legal ground for 0% VAT rate or nonapplication of VAT

Данъчна основа / *Tax base*	212 800.84
Данъчна ставка ДДС % / *Tax rate VAT*	20%
Стойност на ДДС / *VAT*	42 560.17
Всичко / *Total*	255 361.01
Сума за плащане / *Amount to be paid*	255 361.01

Словом всичко : двеста петдесет и пет хиляди триста шестдесет и един лв. 0.01

Say two hundred fiftyfive thousand three hundred sixtyone BGN and 0.01

Словом сума за плащане : двеста петдесет и пет хиляди триста шестдесет и един лв. и 0.01

Amount to be paid say two hundred fiftyfive thousand three hundred sixtyone BGN and 0.01

Дата на данъчното събитие: 30.6.2011 г.
Date of the tax event

Съставил: Пламен Дилков/ Plamen Dilkov
Prepared by (име и фамилия) (подпис) / *(name) (signature)*

Плащане: ☐ в брой *in cash* ☑ с преводно нареждане *bank transfer*
Payment

По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF
Bank identification

При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя
Bank institution Unicredit Bulbank AD, Sofia, branch Sv. Nedelia

ПРОТОКОЛ
за произведената ел. енергия от ВЕЦ "СВРАЖЕН", фирма:"ВЕЦ Своге" АД
за периода 06.2011г.

Таблица №1. Генерирана ел. енергия отчетена по е-р №36039199

Г-р	Тарифа	Показание		Разлика	Конст.	Генерирана ел.енергия в kWh
		НОВО	СТАРО			
№1	ВЪРХОВА	8160135	7909785	250 350	1	**250 350**
	ДНЕВНА	13476489	13066383	410 106	1	**410 106**
	НОЩНА	11123314	10785127	338 187	1	**338 187**
ОБЩО:						**998 643**

Таблица №3. Ел. енергия за фактуриране.

Г-р	Тарифа	Генерирана ел. енергия kWh
№1	ВЪРХОВА	**250 350**
	ДНЕВНА	**410 106**
	НОЩНА	**338 187**
ВСИЧКО:		**998 643**

ЗА "ВЕЦ Своге" АД

/.....\

ЗА "ЧЕЗ РАЗПРЕДЕЛЕНИЕ БГ" АД:

/Петър Попов/

Дата : 30.06.2011

JULY

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
BG2013079119

ЕИК/ЕГН / UIC/PIN
201307911 9

ЧЕЗ ЕЛЕКТРО БЪЛГАРИЯ АД

Получател / *Recipient*

Адрес София, ул."Г.С.Раковски"№140
Adress

Идентификационен номер по ДДС / VAT indetification nimber
BG1751338227

ЕИК/ЕГН / UIC/PIN
175133827

☑ **ФАКТУРА** / ***INVOICE***
☐ **Дебитно известие** / ***Debit note***
☐ **Кредитно известие** / ***Credit note***

Номер 0000000042
Number

Към фактура №
To invoice No.

Дата на издаване: 31.7.2011 г.
Date of issuance

Място на сделката: България
Place of the deal

№	Наименование на стоките или услугите *Name of goods or services*	Мярка *Measure*	Количество *Quantity*	Един. цена *Unit price*	Отстъпка *Discount*	Стойност в BGN *Value BGN*
	Произведена електроенергия от МВЕЦ Свражен за	кВтч	830 487	0.21309		176 968.47
	м. Юли по отчетен протокол от 31.07.2011					
	Energy production from HPP Svrajen for July					
	according to protocol from 31.07.2011					

Основание за нулева ставка или неначисляване на ДДС:
Legal ground for 0% VAT rate or nonapplication of VAT

Данъчна основа / *Tax base*	176 968.47
Данъчна ставка ДДС % / *Tax rate VAT*	20%
Стойност на ДДС / *VAT*	35 393.69
Всичко / *Total*	212 362.16
Сума за плащане / *Amount to be paid*	212 362.16

Словом всичко : двеста и дванадесет хиляди триста шестдесет и два лв. и 0.16
Say two hundred twenteen thousand three hundred sixtytwo BGN and 0.16

Словом сума за плащане : двеста и дванадесет хиляди триста шестдесет и два лв. и 0.16
Amount to be paid say two hundred twenteen thousand three hundred sixtytwo BGN and 0.16

Дата на данъчното събитие: 31.7.2011 г.
Date of the tax event

Плащане: ☐ в брой *in cash* ☑ с преводно нареждане *bank transfer*
Payment
По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF
Bank identification
При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя
Bank institution Unicredit Bulbank AD, Sofia, branch Sv. Nedelia

Съставил: Пламен Дилков/ Plamen Dilkov
Prepared by (име и фамилия) (подпис / *name, signature*)

HYDROELECTRIC POWER STATION SVOGE • SNOGE

ПРОТОКОЛ
за произведената ел. енергия от ВЕЦ "СВРАЖЕН", фирма:"ВЕЦ Своге" АД
за периода 07.2011г.

Таблица №1. Генерирана ел. енергия отчетена по е-р №36039199

Г-р	Тарифа	Показание		Разлика	Конст.	Генерирана ел.енергия в kWh
		НОВО	СТАРО			
№1	ВЪРХОВА	8366076	8160135	205 941	1	**205 941**
	ДНЕВНА	13824078	13476489	347 589	1	**347 589**
	НОЩНА	11400271	11123314	276 957	1	**276 957**
ОБЩО:						**830 487**

Таблица №3. Ел. енергия за фактуриране.

Г-р	Тарифа	Генерирана ел. енергия kWh
№1	ВЪРХОВА	**205 941**
	ДНЕВНА	**347 589**
	НОЩНА	**276 957**
ОБЩО:		**830 487**

ЗА "ВЕЦ Своге" АД

ЗА "ЧЕЗ РАЗПРЕДЕЛЕНИЕ БГ" АД:

/Петър Попов/

Дата : 31.07.2011

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 BG2013079199 ЕИК/ЕГН / UIC/PIN 201307919	ОРИГИНАЛ ORIGINAL	ЧЕЗ ЕЛЕКТРО БЪЛГАРИЯ АД Получател / *Recipient* Адрес София, ул."Г.С.Раковски"№140 *Adress* Идентификационен номер по ДДС / VAT indetification nimber BG1751338277 ЕИК/ЕГН / UIC/PIN 175133827

☑ **ФАКТУРА** / ***INVOICE***
☐ **Дебитно известие** / ***Debit note*** Номер 0000000046
☐ **Кредитно известие** / ***Credit note*** *Number*

Към фактура № *To invoice No.* Дата на издаване: 31.8.2011 г. *Date of issuance*

Място на сделката: България
Place of the deal

№	Наименование на стоките или услугите *Name of goods or services*	Мярка *Measure*	Количество *Quantity*	Един. цена *Unit price*	Отстъпка *Discount*	Стойност в BGN *Value BGN*
	Произведена електроенергия от МВЕЦ Свражен за	кВтч	552 533	0,21309		117 739,26
	м. Август по отчетен протокол от 31.08.2011					
	Energy production from HPP Svrajen for August					
	according to protocol from 31.08.2011					

Основание за нулева ставка или неначисляване на ДДС:
Legal ground for 0% VAT rate or nonapplication of VAT

Данъчна основа / *Tax base*	117 739,26
Данъчна ставка ДДС % / *Tax rate VAT*	20%
Стойност на ДДС / *VAT*	23 547,85
Всичко / *Total*	141 287,11
Сума за плащане / *Amount to be paid*	141 287,11

Словом всичко : сто четиридесет и една хиляди двеста осемдесет и седем лева и 0,11
Say one hundred fortyone thousand two hundred eightyseven BGN and 0,11

Словом сума за плащане : сто четиридесет и една хиляди двеста осемдесет и седем лева и 0,11
Amount to be paid say one hundred fortyone thousand two hundred eightyseven BGN and 0,11

Дата на данъчното събитие: 31.8.2011 г.
Date of the tax event

Съставил: Пламен Дилков/ Plamen Dilkov
Prepared by (име и фамилия) (подпис) / *(name) (signature)*

Плащане: ☐ в брой *In cash* ☑ с преводно нареждане *bank transfer*
Payment
По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF
Bank identification
При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя
Bank institution Unicredit Bulbank AD, Sofia, branch Sv. Nedelia

ПРОТОКОЛ
за произведената ел. енергия от ВЕЦ "СВРАЖЕН", фирма:"ВЕЦ Своге" АД
за периода 08.2011г.

Таблица №1. Генерирана ел. енергия отчетена по е-р №36039199

Г-р	Тарифа	Показание		Разлика	Конст.	Генерирана ел.енергия в kWh
		НОВО	СТАРО			
№1	ВЪРХОВА	8504775	8366076	138 699	1	**138 699**
	ДНЕВНА	14056530	13824078	232 452	1	**232 452**
	НОЩНА	11581653	11400271	181 382	1	**181 382**
ОБЩО:						**552 533**

Таблица №3. Ел. енергия за фактуриране.

Г-р	Тарифа	Генерирана ел. енергия kWh
№1	ВЪРХОВА	**138 699**
	ДНЕВНА	**232 452**
	НОЩНА	**181 382**
ВСИЧКО:		**552 533**

ЗА "ВЕЦ Своге" АД

ЗА "ЧЕЗ РАЗПРЕДЕЛЕНИЕ БГ" АД:

/Петър Попов/

Дата : 31.08.2011

SEPTEMBER

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 BG 2013079191 ЕИК/ЕГН / UIC/PIN 201307919	ОРИГИНАЛ ORIGINAL	ЧЕЗ ЕЛЕКТРО БЪЛГАРИЯ АД Получател / *Recipient* Адрес София, ул."Г.С.Раковски"№140 *Adress* Идентификационен номер по ДДС / VAT indetification nimber BG 175133827 ЕИК/ЕГН / UIC/PIN 175133827

☑ **ФАКТУРА** / ***INVOICE***
☐ **Дебитно известие** / ***Debit note***
☐ **Кредитно известие** / ***Credit note***

Номер 0000000050 *Number*

Към фактура № *To invoice No.*

Дата на издаване: 30.9.2011 г. *Date of issuance*

Място на сделката: България *Place of the deal*

№	Наименование на стоките или услугите *Name of goods or services*	Мярка *Measure*	Количество *Quantity*	Един. цена *Unit price*	Отстъпка *Discount*	Стойност в BGN *Value BGN*
	Произведена електроенергия от МВЕЦ Свражен за	кВтч	450 317	0.21309		95 958.05
	м. Септември по отчетен протокол от 30.09.2011					
	Energy production from HPP Svrajen for September					
	according to protocol from 30.09.2011					

Основание за нулева ставка или неначисляване на ДДС:
Legal ground for 0% VAT rate or nonapplication of VAT

Словом всичко : сто и петнадесет хиляди сто четиридесет и девет лв. и 0.66

Say one hundred and fifteen thousand one hundred fortynine BGN and 0.66

Словом сума за плащане : сто и петнадесет хиляди сто четиридесет и девет и 0.66

Amount to be paid say one hundred and fifteen thousand one hundred fortynine and 0.66

Данъчна основа / *Tax base*	95 958.05
Данъчна ставка ДДС % / *Tax rate VAT*	20%
Стойност на ДДС / *VAT*	19 191.61
Всичко / *Total*	115 149.66
Сума за плащане / *Amount to be paid*	115 149.66

Дата на данъчното събитие: 30.9.2011 г. *Date of the tax event*

Съставил: Пламен Дилков/ Plamen Dilkov *Prepared by* (име и фамилия) (подпис) / *(name) (signature)*

Плащане: ☐ в брой *in cash* ☑ с преводно нареждане *bank transfer* *Payment*

По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF *Bank identification*

При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя *Bank institution*
Unicredit Bulbank AD, Sofia, branch Sv. Nedelia

ПРОТОКОЛ
за произведената ел. енергия от ВЕЦ "СВРАЖЕН", фирма:"ВЕЦ Своге" АД
за периода 09.2011г.

Таблица №1. Генерирана ел. енергия отчетена по е-р №36039199

Г-р	Тарифа	Показание		Разлика	Конст.	Генерирана ел.енергия в kWh
		НОВО	СТАРО			
№1	ВЪРХОВА	8618076	8504775	113 301	1	**113 301**
	ДНЕВНА	14248623	14056530	192 093	1	**192 093**
	НОЩНА	11726576	11581653	144 923	1	**144 923**
ОБЩО:						**450 317**

Таблица №3. Ел. енергия за фактуриране.

Г-р	Тарифа	Генерирана ел. енергия kWh
№1	ВЪРХОВА	**113 301**
	ДНЕВНА	**192 093**
	НОЩНА	**144 923**
ВСИЧКО:		**450 317**

ЗА "ВЕЦ Своге" АД

ЗА "ЧЕЗ РАЗПРЕДЕЛЕНИЕ БГ" АД:

/Петър Попов/

Дата : 30.09.2011

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 BG2013079199 ЕИК/ЕГН / UIC/PIN 2013079199	ОРИГИНАЛ ORIGINAL	ЧЕЗ ЕЛЕКТРО БЪЛГАРИЯ АД Получател / *Recipient* Адрес София, ул."Г.С.Раковски"№140 *Adress* Идентификационен номер по ДДС / VAT indetification nimber BG1751338227 ЕИК/ЕГН / UIC/PIN 1751338227

☑ **ФАКТУРА** / ***INVOICE***
☐ **Дебитно известие** / ***Debit note***
☐ **Кредитно известие** / ***Credit note***

Номер / *Number*: 0000000054
Към фактура № / *To invoice No.*:
Дата на издаване / *Date of issuance*: 31.10.2011 г.

Място на сделката / *Place of the deal*: България

№	Наименование на стоките или услугите / *Name of goods or services*	Мярка / *Measure*	Количество / *Quantity*	Един. цена / *Unit price*	Отстъпка / *Discount*	Стойност в BGN / *Value BGN*
	Произведена електроенергия от МВЕЦ Свражен за	кВтч	667 061	0.21309		142 144.03
	м. Октомври по отчетен протокол от 31.10.2011					
	Energy production from HPP Svrajen for October					
	according to protocol from 31.10.2011					

Основание за нулева ставка или неначисляване на ДДС:
Legal ground for 0% VAT rate or nonapplication of VAT

Словом всичко : сто и седемдесет хиляди петстотин седемдесет и два лв. и 0.84
Say one hundred and seventy thousand five hundred seventytwo BGN and 0.84

Словом сума за плащане : сто и седемдесет хиляди петстотин седемдесет и два лв. и 0.84
Amount to be paid say one hundred and seventy thousand five hundred seventytwo BGN and 0.84

Данъчна основа / *Tax base*	142 144.03
Данъчна ставка ДДС % / *Tax rate VAT*	20%
Стойност на ДДС / *VAT*	28 428.81
Всичко / *Total*	170 572.84
Сума за плащане / *Amount to be paid*	170 572.84

Дата на данъчното събитие / *Date of the tax event*: 31.10.2011 г.

Съставил / *Prepared by*: Пламен Дилков/ Plamen Dilkov
(име и фамилия) (подпис) / *(name) (signature)*

Плащане / *Payment*: ☐ в брой / *in cash* ☑ с преводно нареждане / *bank transfer*
По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF
Bank identification
При банка / *Bank institution*: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя
Unicredit Bulbank AD, Sofia, branch Sv. Nedelia

ПРОТОКОЛ
за произведената ел. енергия от ВЕЦ "СВРАЖЕН", фирма:"ВЕЦ Своге" АД
за периода 10.2011г.

Таблица №1. Генерирана ел. енергия отчетена по е-р №36039199

Г-р	Тарифа	Показание		Разлика	Конст.	Генерирана ел.енергия в kWh
		НОВО	СТАРО			
№1	ВЪРХОВА	8784436	8618076	166 360	1	**166 360**
	ДНЕВНА	14527457	14248623	278 834	1	**278 834**
	НОЩНА	11948443	11726576	221 867	1	**221 867**
ОБЩО:						**667 061**

Таблица №3. Ел. енергия за фактуриране.

Г-р	Тарифа	Генерирана ел. енергия kWh
№1	ВЪРХОВА	**166 360**
	ДНЕВНА	**278 834**
	НОЩНА	**221 867**
ВСИЧКО:		**667 061**

ЗА "ВЕЦ Своге" АД
Ц. Първакова

ЗА "ЧЕЗ РАЗПРЕДЕЛЕНИЕ БГ" АД:
/Петър Попов/

Дата : 31.10.2011

NOVEMBER

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 BG2013079199 ЕИК/ЕГН / UIC/PIN 201307919	ОРИГИНАЛ ORIGINAL	ЧЕЗ ЕЛЕКТРО БЪЛГАРИЯ АД Получател / *Recipient* Адрес София, ул."Г.С.Раковски"№140 *Adress* Идентификационен номер по ДДС / VAT indetification nimber BG175133827 ЕИК/ЕГН / UIC/PIN 175133827

☑ **ФАКТУРА** / ***INVOICE***
☐ **Дебитно известие** / ***Debit note***
☐ **Кредитно известие** / ***Credit note***

Номер 0000000057 *Number*

Към фактура № *To invoice No.*

Дата на издаване: 30.11.2011 г. *Date of issuance*

Място на сделката: България *Place of the deal*

№	Наименование на стоките или услугите *Name of goods or services*	Мярка *Measure*	Количество *Quantity*	Един. цена *Unit price*	Отстъпка *Discount*	Стойност в BGN *Value BGN*
	Произведена електроенергия от МВЕЦ Свражен за	кВтч	570 711	0.21309		121 612.81
	м. Ноември по отчетен протокол от 30.11.2011					
	Energy production from HPP Svrajen for November					
	according to protocol from 30.11.2011					

Основание за нулева ставка или неначисляване на ДДС: *Legal ground for 0% VAT rate or nonapplication of VAT*

Словом всичко : сто четиридесет и пет хиляди деветстотин тридесет и пет лева и 0.37
Say one hundred fortyfive thousand nine hundred thirtyfive BGN and 0.37

Словом сума за плащане : сто четиридесет и пет хиляди деветстотин тридесет и пет лева и 0.37
Amount to be paid say one hundred fortyfive thousand nine hundred thirtyfive BGN and 0.37

Данъчна основа / *Tax base*	121 612.81
Данъчна ставка ДДС % / *Tax rate VAT*	20%
Стойност на ДДС / *VAT*	24 322.56
Всичко / *Total*	145 935.37
Сума за плащане / *Amount to be paid*	145 935.37

Дата на данъчното събитие: 30.11.2011 г. *Date of the tax event*

Съставил: Пламен Дилков/ Plamen Dilkov *Prepared by* (име и фамилия) (подпис) / *(name) (signature)*

Плащане: ☐ в брой *in cash* ☑ с преводно нареждане *bank transfer* *Payment*

По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF *Bank identification*

При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя *Bank institution*
Unicredit Bulbank AD, Sofia, branch Sv. Nedelia

ПРОТОКОЛ
за произведената ел. енергия от ВЕЦ "СВРАЖЕН", фирма:"ВЕЦ Своге" АД
за периода 11.2011г.

Таблица №1. Генерирана ел. енергия отчетена по е-р №36039199

Г-р	Тарифа	Показание		Разлика	Конст.	Генерирана ел.енергия в kWh
		НОВО	СТАРО			
№1	ВЪРХОВА	8921491	8784436	137 055	1	**137 055**
	ДНЕВНА	14768239	14527457	240 782	1	**240 782**
	НОЩНА	12141317	11948443	192 874	1	**192 874**
ОБЩО:						**570 711**

Таблица №3. Ел. енергия за фактуриране.

Г-р	Тарифа	Генерирана ел. енергия kWh
№1	ВЪРХОВА	**137 055**
	ДНЕВНА	**240 782**
	НОЩНА	**192 874**
ВСИЧКО:		**570 711**

ЗА "ВЕЦ Своге" АД

ЗА "ЧЕЗ РАЗПРЕДЕЛЕНИЕ БГ" АД:

/Петър Попов/

Дата : 30.11.2011

DECEMBER

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 BG 2013079191 ЕИК/ЕГН / UIC/PIN 201307919	ОРИГИНАЛ ORIGINAL	ЧЕЗ ЕЛЕКТРО БЪЛГАРИЯ АД Получател / *Recipient* Адрес София, ул."Г.С.Раковски"№140 *Adress* Идентификационен номер по ДДС / VAT indetification nimber BG 175133827 ЕИК/ЕГН / UIC/PIN 175133827

☑ **ФАКТУРА** / ***INVOICE***
☐ **Дебитно известие** / ***Debit note***
☐ **Кредитно известие** / ***Credit note***

Номер 0000000060
Number

Към фактура № _____ *To invoice No.*

Дата на издаване: 31.12.2011 г. *Date of issuance*

Място на сделката: България
Place of the deal

№	Наименование на стоките или услугите *Name of goods or services*	Мярка *Measure*	Количество *Quantity*	Един. цена *Unit price*	Отстъпка *Discount*	Стойност в BGN *Value BGN*
	Произведена електроенергия от МВЕЦ Свражен за	кВтч	693 425	0.21309		147 761.93
	м. Декември по отчетен протокол от 31.12.2011					
	Energy production from HPP Svrajen for December					
	according to protocol from 31.12.2011					

Основание за нулева ставка или неначисляване на ДДС: _____
Legal ground for 0% VAT rate or nonapplication of VAT

Словом всичко : сто седемдесет и седем хиляди триста и четиринадесет лв. лв. и 0.32
Say one hundred seventyseven thousand three hundred fourteen BGN and 0.32

Словом сума за плащане : сто седемдесет и седем хиляди триста и четиринадесет лв. И 0.32
Amount to be paid say one hundred seventyseven thousand three hundred fourteen BGN and 0.32

Данъчна основа / *Tax base*	147 761.93
Данъчна ставка ДДС % / *Tax rate VAT*	20%
Стойност на ДДС / *VAT*	29 552.39
Всичко / *Total*	177 314.32
Сума за плащане / *Amount to be paid*	177 314.32

Дата на данъчното събитие: 31.12.2011 г.
Date of the tax event

Съставил: Пламен Дилков/ Plamen Dilkov
Prepared by (име и фамилия) (подпис) / *(name) (signature)*

Плащане: ☐ в брой *in cash* ☑ с преводно нареждане *bank transfer*
Payment
По IBAN BG33UNCR763010VZSVBGN1 BIC UNCRBGSF
Bank identification
При банка: Уникредит Булбанк АД, София, ЦУ, офис Св. Неделя
Bank institution Unicredit Bulbank AD, Sofia, branch Sv. Nedelia

ПРОТОКОЛ
за произведената ел. енергия от ВЕЦ "СВРАЖЕН", фирма:"ВЕЦ Своге" АД
за периода 12.2011г.

Таблица №1. Генерирана ел. енергия отчетена по е-р №36039199

Г-р	Тарифа	Показание		Разлика	Конст.	Генерирана ел.енергия в kWh
		НОВО	СТАРО			
№1	ВЪРХОВА	9093614	8921491	172 123	1	**172 123**
	ДНЕВНА	15059316	14768239	291 077	1	**291 077**
	НОЩНА	12371542	12141317	230 225	1	**230 225**
ОБЩО:						693 425

Таблица №3. Ел. енергия за фактуриране.

Г-р	Тарифа	Генерирана ел. енергия kWh
№1	ВЪРХОВА	**172 123**
	ДНЕВНА	**291 077**
	НОЩНА	**230 225**
ВСИЧКО:		**693 425**

ЗА "ВЕЦ Своге" АД

ЗА "ЧЕЗ РАЗПРЕДЕЛЕНИЕ БГ" АД:

/Петър Попов/

Дата : 31.12.2011

Annex 2

Annual electricity production

Vez Svoghe LTD: "Project Company"

Monitoring Plan----ANNEX II

Monthly recording

Year	Hydro power plant	Lakatnik	Lakatnik	Note	Svrajhen	Svrajhen	Note
UoM	UoM	MWh	MWh		MWh	MWh	
2011	January		2,039			2,275	
	February		1,635			1,879	
	March		1,782			2,026	
	April		1,309			1,478	
	May		1,089			1,279	
	June		846			999	
	July		715			830	
	August		469			553	
	September		324			450	
	October		550			667	
	November		488			571	
	December		576			693	
	TOTAL 2011		11,822			13,700	

Monthly electricity production (from invoices)

Annex 3

CO_2 Emission reduction calculations

Company: Vez Svoghe LTD: "Project Company" **Reference:** HPP Lakatnik

Efficiency Measure: Establishment of Hydro power plant

BASELINE CALCULATION		Year 2007	2008	2009	2010	2011	2012	Note
Annual electricity saved from the grid	MWh	0	4,744	13,014	16,324	11,822	0	Imported from Annex II
CO_2 emissions from electricity production	tCO_2	0	5,024	12,324	14,822	10,451	0	

Company: Vez Svoghe LTD: "Project Company" **Reference:** HPP Lakatnik

Efficiency Measure: Establishment of Hydro power plant

PROJECT EMISSIONS		Year 2007	2008	2009	2010	2011	2012	Note
Annual electricity production from the HPP	MWh	0	0	0	0	0	0	
CO_2 emissions from electricity production	tCO_2	0	0	0	0	0	0	

Company: Vez Svoghe LTD: "Project Company" **Reference:** HPP Lakatnik

Efficiency Measure: Establishment of Hydro power plant

EMISSIONS REDUCTION		Year 2007	2008	2009	2010	2011	2012	Note
Baseline scenario emission	tCO_2	0	5,024	12,324	14,822	10,451	0	
Project scenario emission	tCO_2	0	0	0	0	0	0	
Total project emission reduction	tCO_2	0	5,024	12,324	14,822	10,451	0	Total crediting period 2008-2012= 42,621

Company: Vez Svoghe LTD: "Project Company" **Reference:** HPP Svrajhen

Efficiency Measure: Establishment of Hydro power plant

BASELINE CALCULATION		Year 2007	2008	2009	2010	2011	2012	Note
Electricity saved from the grid	MWh	0	0	7,922	17,037	13,700	0	Imported from Annex II
CO_2 emissions from electricity production	tCO_2	0	0	7,502	15,470	12,111	0	

Company: Vez Svoghe LTD: "Project Company" **Reference:** HPP Svrajhen

Efficiency Measure: Establishment of Hydro power plant

PROJECT EMISSIONS		Year 2007	2008	2009	2010	2011	2012	Note
Annual electricity production from the HPP	MWh	0	0	0	0	0	0	
CO_2 emissions from electricity production	tCO_2	0	0	0	0	0	0	

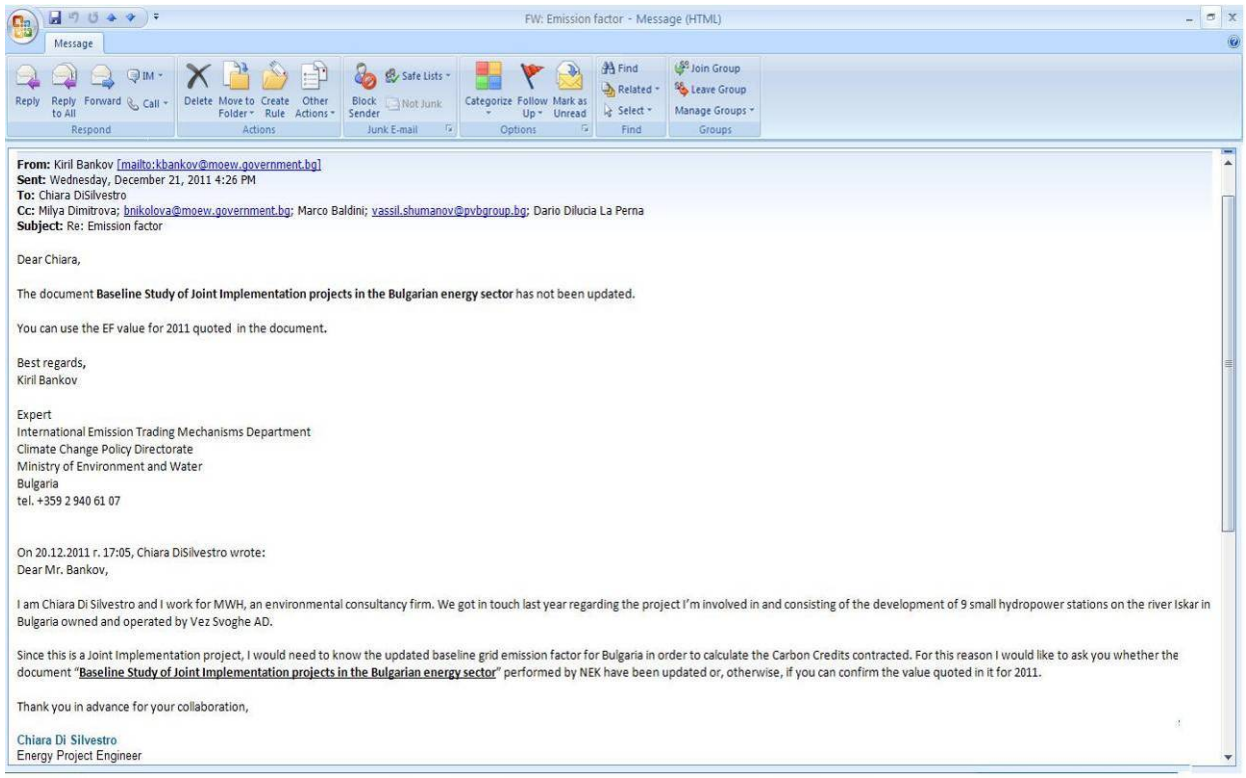
Company: Vez Svoghe LTD: "Project Company" **Reference:** HPP Svrajhen

Efficiency Measure: Establishment of Hydro power plant

EMISSIONS REDUCTION		Year 2007	2008	2009	2010	2011	2012	Note
Baseline scenario emission	tCO_2	0	0	7,502	15,470	12,111	0	
Project scenario emission	tCO_2	0	0	0	0	0	0	
Total project emission reduction	tCO_2	0	0	7,502	15,470	12,111	0	Total crediting period 2008-2012= 35,082

Annex 4

CONFIRMATION OF THE EMISSION FACTOR IN 2011 FROM THE BULGARIAN MINISTRY OF ENVIRONMENT AND WATER



FW: Emission factor - Message (HTML)

Message

Reply | Reply to All | Forward | IM | Call — Respond

Delete | Move to Folder | Create Rule | Other Actions — Actions

Block Sender | Safe Lists | Not Junk — Junk E-mail

Categorize | Follow Up | Mark as Unread — Options

Find | Related | Select — Find

Join Group | Leave Group | Manage Groups — Groups

From: Kiril Bankov [mailto:kbankov@moew.government.bg]
Sent: Wednesday, December 21, 2011 4:26 PM
To: Chiara DiSilvestro
Cc: Milya Dimitrova; bnikolova@moew.government.bg; Marco Baldini; vassil.shumanov@pvbgroup.bg; Dario Dilucia La Perna
Subject: Re: Emission factor

Dear Chiara,

The document **Baseline Study of Joint Implementation projects in the Bulgarian energy sector** has not been updated.

You can use the EF value for 2011 quoted in the document.

Best regards,
Kiril Bankov

Expert
International Emission Trading Mechanisms Department
Climate Change Policy Directorate
Ministry of Environment and Water
Bulgaria
tel. +359 2 940 61 07

On 20.12.2011 г. 17:05, Chiara DiSilvestro wrote:
Dear Mr. Bankov,

I am Chiara Di Silvestro and I work for MWH, an environmental consultancy firm. We got in touch last year regarding the project I'm involved in and consisting of the development of 9 small hydropower stations on the river Iskar in Bulgaria owned and operated by Vez Svoghe AD.

Since this is a Joint Implementation project, I would need to 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 have been updated or, otherwise, if you can confirm the value quoted in it for 2011.

Thank you in advance for your collaboration,

Chiara Di Silvestro
Energy Project Engineer

Annex 5

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 17th 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_{2eq} 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 JI projects. The following three Baseline approaches are possible only:[3]

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_2/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_2 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		
1.	Total system power generation	GWh	41 805	44 785	41 943	41 990	43 621		
2.	Total system heat generation	$MW_{th}h$	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		
	Baseline Emission Factor - BEF								
	Fossil Fuels								
1.	Dispatch Data_OM_EF	tonne/MWh	1,215	1,287	1,214	1,226	1,199		
2.	Dispatch Data Adjusted_OM_EF	tonne/MWh	1,159	1,222	1,150	1,160	1,138		
3.	Average Dispatch Data_OM_EF	tonne/MWh	1,269	1,307	1,231	1,237	1,239		
	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		
	Fossil Fuels								
1.	Dispatch Data_OM_EF	kg/GJ	106,38	109,57	110,86	111,24	110,03		
2.	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		
	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	$MW_{th}h$	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	1,017	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
3.	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 system power generation	GWh	46 739	43 572	46 588	48 351	49 455	51 368	53 194
2.	Total system heat generation	$MW_{th}h$	20 360 486	19 909 333	20 240 498	21 206 857	22 170 354	23 026 991	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
	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
3.	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 Adjusted_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
	Fossil Fuels								
1.	Dispatch Data_OM_EF	kg/GJ	109,651	111,991	105,315	100,011	95,929	94,604	93,043
2.	Dispatch Data Adjusted_OM_EF	kg/GJ	109,571	111,876	105,263	100,226	96,498	95,130	93,524
3.	Average Dispatch Data_OM_EF	kg/GJ	109,126	111,908	105,550	100,273	96,821	95,676	94,056

Annex 6

INTERNAL AUDIT REPORT (10TH MAY 2011; 16TH DECEMBER 2011)

INTERNAL AUDIT REPORT
May 10th 2011

Sreden Iskar Cascade HPPs Portfolio Project
Dated May 10th 2011

CONTENTS

Annexes

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 project:

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_2 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 7: 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 (2011)

The internal audit was held on 10th May 2011.

A.5. Personell involved in the internal audit and responsabilities

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

Annex 1

CHECK-LIST

Auditor's Name(s):	Anton Milchev	
Company:	VEZ Svoghe	
Date of last internal audit:		
Date of current audit:	10.5.2011	
List of people involved in:	Vassil Shumanov, Marina Dimitrova, Anton Milchev	
List of document which have been walked	Monitoring Plan_JI_Petrolvilla_rev2; ANNEX II_MC_rev; ANNEX I_MP_rev; Invoices 2011	

	Check-list		# Non conformities	Observed actions considered to resolve the non-conformities
	Non conformities of last internal audit			
1	Have been the non-conformities of last internal audit sorted out?	[x] Yes [ ] No		
2	*If not, are some actions in progress to overcome the non-conformities?*	[ ] Yes [ ] No		
	Document			
3	Are the paper copies of invoices to the Electricity Distributor properly stored?	[x] Yes [ ] No		
4	Is the folder "GHG emission reduction" available in the SCADA server?	[x] Yes [ ] No		
5	Does the folder "GHG emission reduction" contain: *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*	 [x] Yes [ ] No [x] Yes [ ] No [x] Yes [ ] No [x] Yes [ ] No [x] Yes [ ] No [x] Yes [ ] No [x] Yes [ ] No [x] Yes [ ] No		
6	Has the software adopted to store the data been changed?	[ ] Yes [x] No		
7	*If yes, is the new version consistent with previous one?*	[ ] Yes [ ] No		
	Operation of equipment			
8	Has SCADA system properly worked till the date of internal audit?	[x] Yes [ ] No		
	Management			
9	Are the persons and their responsabilities clearly defined?	[x] Yes [ ] No		
10	Is the instrumentation calibration plan properly applied?	[x] Yes [ ] No		
	Measuring and calculation procedure			
11	Did the Engineer in charge of the monitoring process collect electronically on monthly basis the data generated by SCADA System?	[x] Yes [ ] No		
12	Are the data reported in the spreadsheet on monthly basis as for Annex II of Monitoring Plan?	[x] Yes [ ] No		
13	*If yes, are they in line with electricity invoices?*	[x] Yes [ ] No		
14	Are the read-off measurements coming from the electricity distributor reliable compared to those recorded by the SCADA System?	[x] Yes [ ] No		
15	Did the Engineer in charge of the monitoring process rectify the emission factor compared to previous year?	[x] Yes [ ] No		
16	*If yes, is it in line with new version of Document issued by the NEK?*	[ ] Yes [x] No		
17	Did the Engineer in charge of the monitoring process calculate the amount of CO2 emission reduction as for Annex I of Monitoring Plan?	[x] Yes [ ] No		
	Total number of non-conformities identified		0	

INTERNAL AUDIT REPORT
December 16th 2011

Sreden Iskar Cascade HPPs Portfolio Project
Dated December 16th 2011

CONTENTS

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:

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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.

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"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 (2011)

The internal audit was held on 16th December 2011.

A.5. Personell involved in the internal audit and responsabilities

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

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- Marina Dimitrova, and;
- Anton Milchev.

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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

Annex 1

CHECK-LIST

Auditor's Name(s):	Anton Milchev
Company:	VEZ Svoghe
Date of last internal audit:	
Date of current audit:	12/16/2011
List of people involved in:	Vassil Shumanov, Marina Dimitrova, Anton Milchev
List of document which have been walked through	Monitoring Plan_JI_Petrovitia_rev2; ANNEX II_MC_rev; ANNEX I_MP_rev; Invoices 2011

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6	Has the software adopted to store the data been changed?	[ ] Yes [x] No		
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15	Did the Engineer in charge of the monitoring process rectify the emission factor compared to previous year?	[x] Yes [ ] No		
16	*If yes, is it in line with new version of Document issued by the NEK?*	[ ] Yes [x] No		
17	Did the Engineer in charge of the monitoring process calculate the amount of CO2 emission reduction as for Annex I of Monitoring Plan?	[x] Yes [ ] No		
	Total number of non-conformities identified		**0**	