

WESM COMPLIANCE BULLETIN

Issue No.	Date Issued	Contents
7.0	17 August 2018	Retrieval and Submission of Compliance-Related Documents for the Enhanced Compliance Monitoring and Assessment in WESM

**Enforcement and Compliance Office
Philippine Electricity Market Corporation**

17 August 2018

This Wholesale Electricity Spot Market (WESM) Compliance Bulletin is an occasional publication that is prepared and published by the Enforcement and Compliance Office of the Philippine Electricity Market Corporation. The purpose of the WESM Compliance Bulletin is only to provide information and guidance to the participants of the WESM on their obligations in the WESM as well as on various matters relating to enforcement and compliance. This document is not intended as a source of obligation or as authority on relevant WESM Rules and market manuals, and as such, is not binding on the WESM participants or any other person or entity. While the ECO strives to make this document complete and accurate, the actual contents may be incomplete or inaccurate. WESM participants and other readers are encouraged to refer to the official issuance of the WESM Rules, and its amendments and manuals for details.

Questions on this WESM Compliance Bulletin may be addressed to Enforcement and Compliance Office, Philippine Electricity Market Corporation, 19th Floor Robinsons Equitable Tower, ADB Avenue, Ortigas Center, Pasig City 1600 or by email at compliance@wesm.ph.

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Acronyms Used In This Bulletin

ACRONYM	TERM
CMA	Compliance Monitoring and Assessment
CMAR	Compliance Monitoring and Assessment Report
DCN	Daily Compliance Notice
DDRF	Dispatch Deviation Report Form
FTP	File Transfer Protocol
MOR	Must-Offer Rule
RTD	Real-Time Dispatch
SERF	Significant Event Report Form
SD	Supporting Documents
SDSERF	Supporting Documents for SERF
SDDDRF	Supporting Documents for DDRF
TP	Trading Participant

Description

The enhanced compliance monitoring and assessment (CMA) activity of Philippine Electricity Market Corporation (PEMC) through the Enforcement and Compliance Office (ECO) seeks to promote a streamline process where:

- Concerned Trading Participants will be immediately apprised of the probable (non-conclusive) breach of the Must-Offer Rule and/or Real-Time Dispatch Schedule.
- Concerned Trading Participants will also be given opportunities to immediately provide reasons or explanation for non-compliance.
- The inputs from the trading participants will be immediately considered and assessed; and
- If inputs are found valid and justifiable, the assessment may lead to the immediate closure of possible case of breach of the WESM Rules; or endorsements for investigation with less number of intervals.

In order to implement this, the monitoring will be done on a daily basis, and the facilities for retrieval of information from PEMC-ECO, as well as, the submission of replies and supporting documents should be made available.

This Bulletin may not cover or address all concerns relating to monitoring. There will be a **series of advisories** which will be published relative to this to further clarify the forthcoming activities and the necessary documents to be considered in the compliance monitoring.

For this issue of the WESM Compliance Bulletin, the trading participants will be guided on the following:

- Documents and forms that can be uploaded and downloaded on a daily basis.
- Facility for retrieval of notice and submission of reply or reports.
- Procedures for uploading and downloading of files
- Revisions or cancellation of reports submitted

A **List of Frequently Asked Questions** is also provided as part of this Bulletin to address some common and anticipated questions relating to enhanced compliance monitoring and assessment.

Objective

For WESM Participants –

- To be oriented about the changes in the compliance monitoring and assessment in WESM.
- To be familiarized with the daily obligations relating to said monitoring.
- To be guided on how to secure Log-In Credentials for the PEMC File Transfer Protocol (FTP) facility within the period specified in Section 1.5 of this Bulletin.
- To be ready in complying with the requirements when the new CMA process takes effect.

1.1. Documents

There are two types or classification of documents that will be used in the monitoring, namely, (a) the **outbound documents**, *i.e.*, outgoing files from PEMC-ECO to trading participants; and (b) **inbound documents**, *i.e.*, incoming files from trading participants to PEMC-ECO. The following documents are classified as Outbound and Inbound Documents:

Table 1.0 – Document Types

Type	Description	Sender	Form To Be Used
Outbound Documents			
<ul style="list-style-type: none"> Daily Compliance Notice (DCN) 	A form to be sent or transmitted to the trading participants containing the resource ID, a list of intervals with initial flag of non-compliance with the WESM Rules and the WESM Market Manuals, particularly, the Must-Offer Rule and compliance with the Real-Time Dispatch Schedules	PEMC-ECO	Separate Advisory
<ul style="list-style-type: none"> Compliance Monitoring and Assessment Report (CMAR) 	The assessment report on whether a facility or resource is compliant , or whether its non-compliance is justified under the circumstances or appeared to have violated or breached the relevant market rules and/or market manuals, which may warrant endorsement for formal investigation.	PEMC-ECO	Separate Advisory
Inbound Documents			
<ul style="list-style-type: none"> Significant Event Report Form (SERF) 	<ul style="list-style-type: none"> The report required of Trading Participants under WESM Rules clause 3.5.11.7 which should contain information regarding any significant events occurring within the trading day that have a material adverse change in the state of their facilities. This will be taken as a response or reply to the DCN referred to above. The form shall also indicate the appropriate reference(s) to supporting documents. 	Trading Participants	Separate Advisory
<ul style="list-style-type: none"> Dispatch Deviation Report Form (DDRF) 	A form that contains a list of all intervals for one trading day related to a particular facility or resource containing records of actual deviation from the dispatch schedule in terms of MW and percentage, which are determined to be beyond the dispatch threshold as set by the existing market rules or market manuals. Each interval shall contain information regarding the cause(s) of deviation with appropriate reference(s) to supporting documents. This will be taken as a response or reply to the DCN referred to above.	Trading Participants	Separate Advisory

Type	Description	Sender	Form To Be Used
<ul style="list-style-type: none"> Supporting Documents (SD) 	<ul style="list-style-type: none"> These refer to the electronic copy of the plant records, correspondences, incident or internal reports, and relevant data or information that show proof or evidence of occurrences in the power plant which led to non-compliance, or anything that supports the reasons or explanations for possible non-compliance with the WESM Rules or implementing market manuals. Supporting documents must be accompanied by Affidavit. When and how often is Affidavit submitted? See FAQ No. 13 	Trading Participants	Separate Advisory

1.2. Document Format and Filenames

The reports shall be submitted in electronic files in the following formats:

Table 2.0 – Format and Filenames

Document	Filename		File Format
	Naming Convention	Example	
DCN	DCN_TP SHORTNAME_PLANT SHORTNAME_MMDDYYYY	DCN_ABCGEN_XYZPLANT_09272018	xls/xlsx/csv
CMAR	CMAR_TP SHORTNAME_PLANT SHORTNAME_MMDDYYYY	CMAR_ABCGEN_XYZPLANT_09272018	pdf
SERF	SERF_TP SHORTNAME_PLANT SHORTNAME_MMDDYYYY	SERF_ABCGEN_XYZPLANT_09272018	SERF – xls/xlsx SERF and SD -zip/rar
DDRF	DDRF_TP SHORTNAME_PLANT SHORTNAME_MMDDYYYY	DDRF_ABCGEN_XYZPLANT_09272018	DDRF – xls/xlsx DDRF and SD -zip/rar
SDSERF SDDDRF	<ul style="list-style-type: none"> SDSERF_ABCGEN_XYZPLANT_09272018. This can be in portable document format (pdf), word, excel, image format (jpg, png, etc.), However, this must be compressed in the <i>related SERF/DDRF</i> in archive or compressed file (zip or rar). 		

Note: For the **official** short names, i.e., Trading Participant and Plant **Short Names**, please refer to [Annex A](#)

1.3. Schedule of Submissions

The documents shall be submitted as follows –

Table 3.0 – Schedule of Submissions

Document	Responsible	Deadline	Sample Indicative Dates
DCN	PEMC-ECO	D+1 (day following the day covered of monitoring)	<ul style="list-style-type: none">• 1 October 20xxx For the non-compliance on 30 September 20XX.
SERF & SD	Trading Participant	D + 3 <i>(or the next working day if 3rd day falls on a weekend or a holiday)</i>	<ul style="list-style-type: none">• 3 October 20xxx For the non-compliance on 30 September 20XX.
DDRF & SD	Trading Participant	D + 3	<ul style="list-style-type: none">• 3 October 20xxx For the non-compliance on 30 September 20XX.
Additional SDSERF/ SDDDRF	Trading Participant	<ul style="list-style-type: none">• Not later than the last day of month	<ul style="list-style-type: none">• 31 October 20xxx For the non-compliance covering period from 26 September to 25 October 20xx

1.4. Facility For Retrieval and Submission of Documents

1.4.1. The documents referred to in Section 1.1 shall be submitted or retrieved through the PEMC **File Transfer** Protocol (FTP) website: using the log-in credential assigned to the Trading Participant:

- For submission of SERF, DERF, and Additional SD: at <https://180.232.127.59>
- For retrieval of DCN: at <https://180.232.127.58>

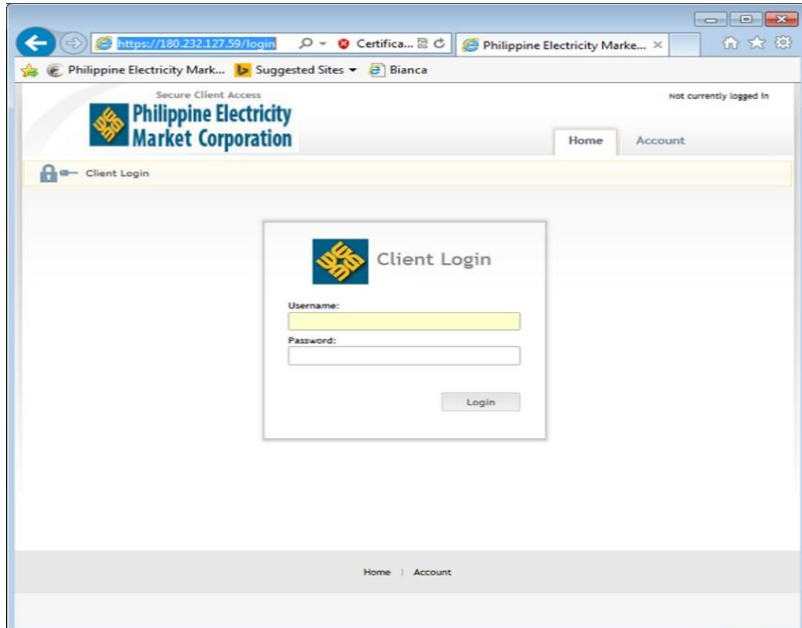
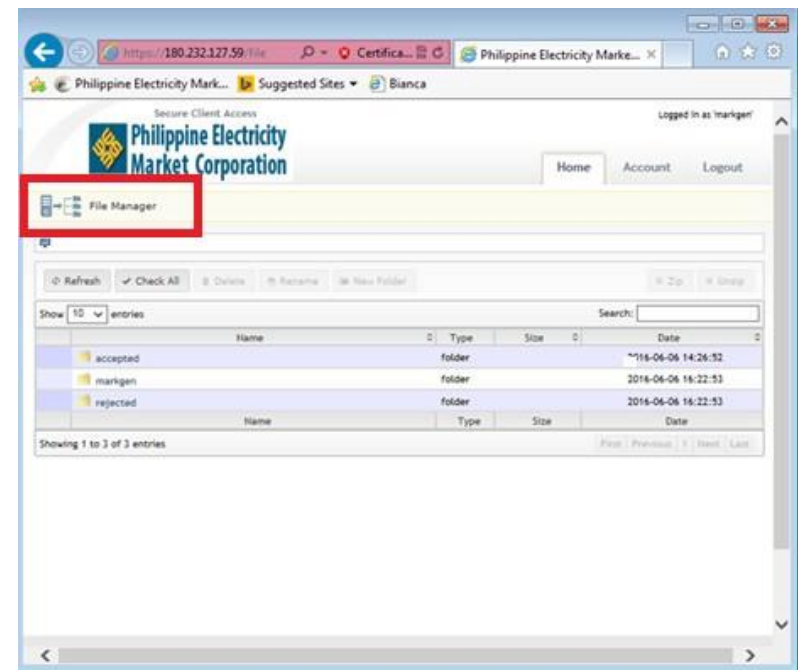
1.4.2. If the facility becomes temporarily unavailable or cannot be accessed by PEMC and/or by the Trading Participant, the notices and reports may be submitted **by email** to or from PEMC and vice versa at the following addresses or other email address/es as may be notified from time to time.

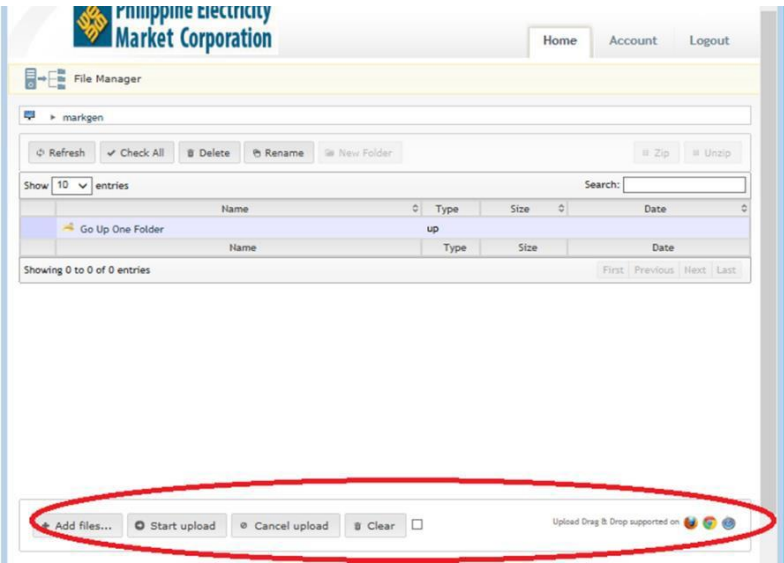
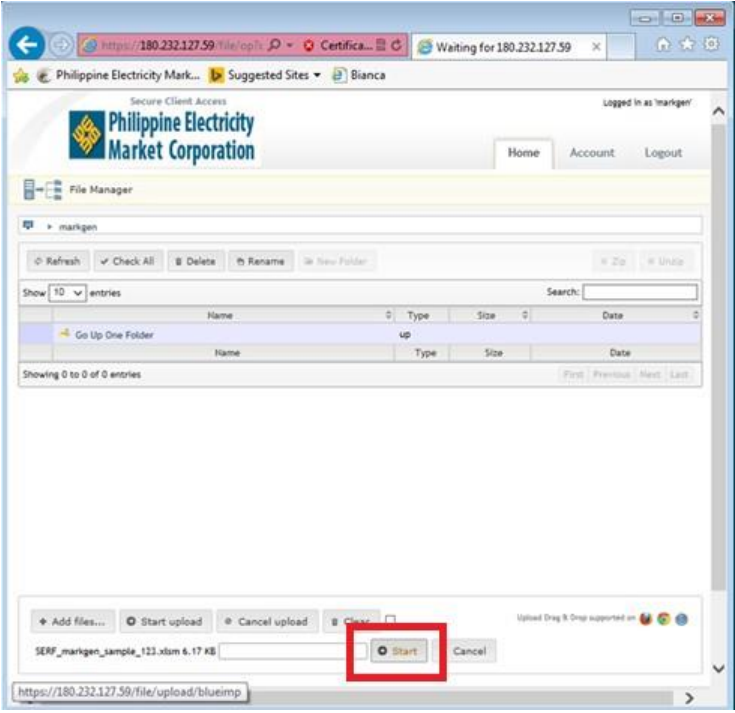
- To the Trading Participant: @ its registered email address
- To PEMC: compliance@wesm.ph

1.5. Log-In Credentials

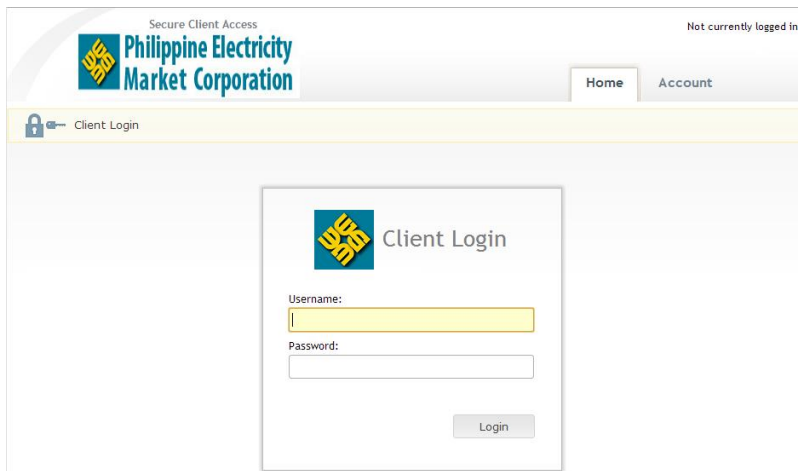
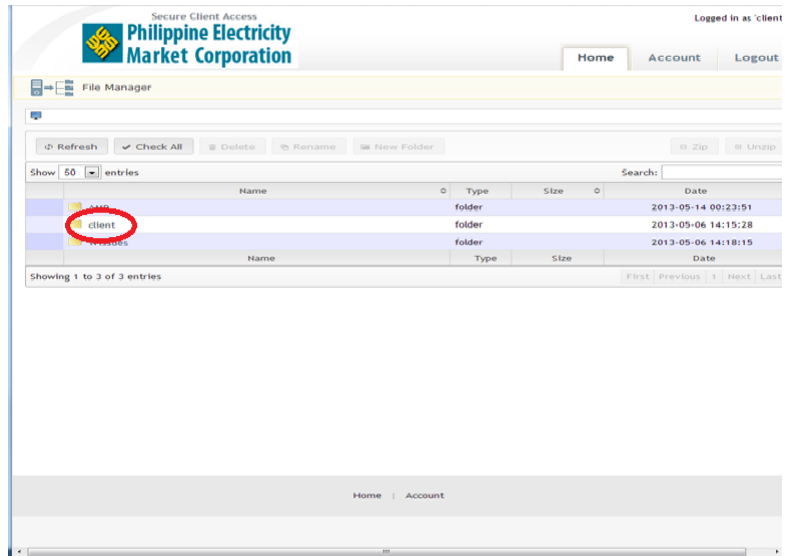
- Log-in credentials (username and password) are assigned for each WESM Trading Participant.
- Log-in credentials and other details will be sent through **email** to the authorized WESM Compliance Officers (WCOs) and CMA Contact Persons (as registered with PEMC-ECO) anytime **from 03 September to 07 September 2018.**
- For further assistance, please get in touch with the PEMC-ECO @ 6318734 Loc. 317 or 309.
- See related FAQ Nos. 14 and 15.

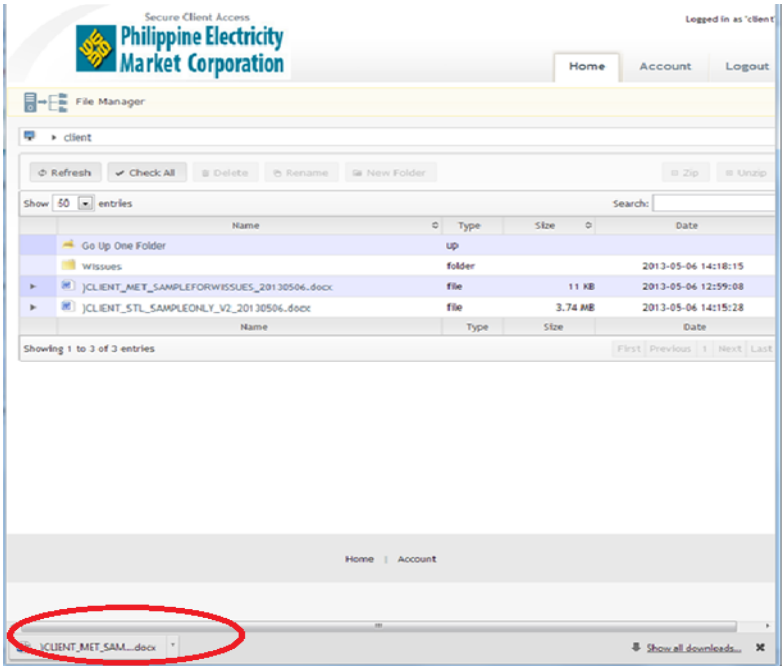
1.6. Procedure For Uploading Files

Steps	Screenshot																
<p>Log in to the PEMC FTP website at https://180.232.127.59/login. Recommended browser is Internet Explorer.</p> <p>Log-in credentials (username and password) are assigned for each WESM Trading Participant. These details will be provided upon launch of the facility. <i>For further assistance, please get in touch with the PEMC-ECO.</i></p>																	
<p>Upon successful login, the main window will be displayed. The File Manager can be accessed under the Home tab.</p> <p>The File Manager contains three folders, as follows –</p> <ul style="list-style-type: none">Accepted – which contains all successfully upload files.Rejected – which contains files with incorrect filename format.Username Folder, ex. markgen – is where the files will be uploaded. This folder should be empty at all times.	 <table><thead><tr><th>Name</th><th>Type</th><th>Size</th><th>Date</th></tr></thead><tbody><tr><td>accepted</td><td>folder</td><td></td><td>2016-06-06 14:26:52</td></tr><tr><td>markgen</td><td>folder</td><td></td><td>2016-06-06 16:22:53</td></tr><tr><td>rejected</td><td>folder</td><td></td><td>2016-06-06 16:22:53</td></tr></tbody></table>	Name	Type	Size	Date	accepted	folder		2016-06-06 14:26:52	markgen	folder		2016-06-06 16:22:53	rejected	folder		2016-06-06 16:22:53
Name	Type	Size	Date														
accepted	folder		2016-06-06 14:26:52														
markgen	folder		2016-06-06 16:22:53														
rejected	folder		2016-06-06 16:22:53														

Steps	Screenshot
<p>To upload a file, select the Username folder and then click the “Add file” button or use the “Upload Drag & Drop” option.</p> <p>The Upload Drag & Drop feature is also available on other browsers (e.g, Mozilla Firefox, Google Chrome, and Safari).</p>	 <p>The screenshot shows the 'File Manager' interface for the 'markigen' user. At the bottom, the 'Add Files...' button is circled in red. Other buttons visible include 'Start upload', 'Cancel upload', and 'Clear'. A message on the right states 'Upload Drag & Drop supported on' followed by browser icons.</p>
<p>Once the file(s) to be submitted has been added, click the Start button to start uploading the file/s.</p>	 <p>This screenshot shows a file upload dialog box. The file 'SERF_markigen_sample_123.xslm 6.17 KB' is listed. The 'Start' button is circled in red. The dialog also includes 'Cancel' and 'Clear' buttons. The background shows the same File Manager interface as the previous screenshot.</p>

1.7. Procedure For Downloading Files

Steps	Screenshot																
<p>Log in to the PEMC FTP website at https://180.232.127.58/login. Recommended browser is Internet Explorer.</p> <p>Log-in credentials (username and password) are assigned for each WESM Trading Participant. These details will be provided upon launch of the facility. <i>For further assistance, please get in touch with the PEMC ECO.</i></p>																	
<p>Upon successful login, the main window will be displayed. The File Manager can be accessed under the Home tab.</p> <p>The File Manager contains the Username folder. Ex. “client”</p>	 <table><thead><tr><th>Name</th><th>Type</th><th>Size</th><th>Date</th></tr></thead><tbody><tr><td>client</td><td>folder</td><td></td><td>2013-05-14 00:23:51</td></tr><tr><td></td><td>folder</td><td></td><td>2013-05-06 14:15:28</td></tr><tr><td></td><td>folder</td><td></td><td>2013-05-06 14:18:15</td></tr></tbody></table>	Name	Type	Size	Date	client	folder		2013-05-14 00:23:51		folder		2013-05-06 14:15:28		folder		2013-05-06 14:18:15
Name	Type	Size	Date														
client	folder		2013-05-14 00:23:51														
	folder		2013-05-06 14:15:28														
	folder		2013-05-06 14:18:15														

Steps	Screenshot
<p>To download a file, select the Username folder and then click on the file you wish to download.</p> <p>Your downloaded file shall appear on the download located at the lower left portion of your browser.</p>	

1.8. Addition, Revision or Cancellation of Submissions

Any document referred to in Section 1.1 may be revised or cancelled, as the circumstances warrant.

- The revision or the cancellation shall be made using the same forms (DCN, SERF, DDRF, etc.) with an indication that the same is revised, amended, or cancelled.
- The corrected, amended, or additional information shall be **highlighted** or **marked** for ease of reference.
- If there are additional supporting documents to support the new or revised information, the same shall be appropriately referred to in the revised document.
- The revised document shall be submitted in the same manner as described in Section 1.6 and 1.7
- The filenames shall indicate that it is revised by adding a suffix “**rev**”. For example –
 - ❑ SERF_ABCCO_XYZPLANT_09272018_rev
 - ❑ DDRF_ABCCO_XYZPLANT_09272018_rev
 - ❑ SDSERF_ABCCO_XYZPLANT_09272018_rev

1.9. Effectivity

The enhanced process of compliance monitoring and assessment is expected to take effect upon the official transfer of the said monitoring function to PEMC-ECO under the approved PEMC Table of Organization. An official advisory on the actual commencement date will be likewise sent to the concerned WESM Participants.

Frequently Asked Questions

1) Is the Daily Compliance Notice (DCN) the same as Request for Investigation (RFI)? Or as Preliminary Notice of Investigation (PNI)?

No. **DCN** refers to the initial flagging of probable breach of the *Must-Offer Rule* and/or *Non-Compliance with the RTD Schedule* which is determined on a daily basis.

While its content looks like an RFI, it is not considered as such as there is no investigation yet. **RFI and PNI** are issued to commence investigation. PNIs and RFIs are issued if, based on the results of the compliance monitoring and assessment (CMA), a breach may have been committed by a WESM Member. (See related answer to FAQ No. 18)

2) If I were able to justify the non-compliance as indicated in the DCN, will I receive notification?

Yes. You will be apprised of the summary results of the CMA findings covering one billing period not later than 10th day of the following month. E.g. the results of the assessment covering **26 September 20xx to 25 October 20xx** would be sent to you **not later than 10 November 20XX** or the next working day if 10th day falls on a weekend or a holiday.

3) Is there a separate DCN for Possible Non-Compliance with the Must-Offer Rule and Real-Time Dispatch Schedule? Will I receive both?

- Yes. There will be a **DCN-MOR** and **DCN-RTD**, if applicable.
- Will I receive both? It depends.
 - ☐ If you have NOT been flagged for any probable breach for a specific day, **no DCN** will be sent to you.
 - ☐ If your facility is a *must-dispatch generating unit*, you won't be receiving **DCN-RTD**

4) Will I receive DCN on a weekend or holiday?

No. You will receive it on the next business day. Example –

Day DCN is Received ⇨	26 June Mon	27 June Tues	28 June Wed	29 June Thurs	30 June Fri	1 July Sat	2 July Sun
	Business Day	Holiday	Business Day	Business Day	Business Day	Rest Day	Rest Day
Covered Dates of DCN ⇨	6.23 (Fri) 6.24 (Sat) 6.25 (Sun)	None	6.26 (Mon) 6.27 (Tues)	6.28 (Wed)	6.29 (Thurs)	None	None

5) I have multiple facilities or with more than one resource IDs (as registered in the WESM). How many DCN will I receive?

You will receive separate DCNs for each Plant. For example you have 2 Plants/Facilities, namely Plant A and B. Each plant has 2 resource IDs: Resources 1 and 2 for Plant A, and Resources 3 and 4 for Plant B. You will receive 2 DCNs:

- 1 DCN for Plant A (covering Resources 1 and 2) and
- 1 DCN for Plant B (covering Resources 3 and 4)

6) Is the SERF referred to above the same as the SERF covered by WESM Bulletin No. 6.2?

Yes. It is the same but the form or template will be revised. The details about the revised form will be issued in a [separate advisory](#).

7) Is the SERF the same as DDRF?

No. SERF is a response form for Possible Non-Compliance with MOR, while DDRF is for Possible Non-Compliance with RTD Schedule.

8) I receive a DCN on 29 September 2018, Friday. When should I submit the SERF and DDRF?

On 1 October 2018, Monday – 3 days after 29 September 2018.

9) The due date of submission of SERF or DDRF is on 1 October 2018 but I was not able to submit the same on said date. Can I submit it on the succeeding days?

Yes. If you are not able to submit on time for any justifiable reason, you may still submit the SERF or DDRF and supporting documents at the earliest possible time. The ECO personnel will get in touch with you to follow-up your submission to ensure that your responses will be given credence in the assessment of the non-compliance. The WESM Members are encouraged to always submit on time. Any unjustifiable reasons for non-submission will not be tolerated.

10) The SERF or DDRF makes reference to supporting documents. Should I send the supporting documents separately via FTP?

No. For convenience and easy reference, the supporting documents should be sent together with the related SERF or DDRF by compressing files (zip or rar files). Naming conventions should be observed.

11) The supporting documents to SERF or DDRF that will be submitted today refer to the same supporting documents submitted yesterday. Should I attach the same document?

No need. You may just indicate in the “Supporting Documents Reference” Column in the SERF or DDRF that the previous (same) document has already been submitted.

12) I am ready to file the SERF or DDRF today but the supporting documents are still pending with the Plant or still in process, should I file the SERF/DDRf even without the supporting documents?

Yes. You may file the SERF or DDRF. You may just indicate in the “Supporting Documents Reference” Column in the SERF or DDRF the target date of submission. The ECO personnel will get in touch with you to follow-up the submission to ensure that your responses and all supporting documents will be given credence in the assessment of the non-compliance.

- 13) **The Guidelines provide that the supporting documents should be accompanied by an Affidavit of the authorized representative. When should I submit it considering that the submission of documents is done daily?**

The Affidavit shall be submitted at the end of month (e.g. 30 October 20XX). The person executing the Affidavit shall attest to the veracity and authenticity of ALL documents submitted for the covered billing period (e.g. for the period 26 September to 25 October 20XX). All documents submitted within said period shall be specified in the Affidavit. There shall only be one Affidavit per month.

- 14) **I have existing log-in credentials for FTP facility which I currently use in submitting SERF, should I secure another log-in credentials for this?**

No need. That same log-in credentials will be used in submitting DDRF and supporting documents.

- 15) **I don't have log-in credentials yet, how do I secure one?**

The ECO personnel will email you about your log-in credentials within the period specified in Section 1.5.

- 16) **I am not the only one in our Company who is tasked to submit documents. Should we get different access to FTP website?**

There will only be one user per Trading Participant. If it becomes too complicated for you to limit the access as, for instance, you have many plants or facilities, and you may have different personnel handling each of the plant, you may file a request with PEMC-ECO for a separate access/user for each plant or facility.

The user shall be any of the authorized contact persons that you register in PEMC-ECO.

- 17) **Will this new CMA activity take place once the NMMS is already implemented?**

It will take effect upon the official transfer of the monitoring function to PEMC-ECO under the approved PEMC Table of Organization. This will be applied in the interim, *i.e.*, prior to the implementation of the NMMS.

An official advisory on the actual commencement date of this activity will be published or sent to the concerned WESM Participants.

- 18) **Will the procedure on the investigation be also changed?**

No. The same investigation procedure will be observed (e.g. issuance of PNI, investigation proper, review by MSC, sanctions by the PEM Board). This issue of WESM Bulletin pertains only to compliance monitoring and assessment process, that is, an activity prior or leading to an investigation. If the Participants are able to fully explain and/or justify the initially flagged non-compliance during this CMA activity, no investigation will take place.

OFFICIAL LIST OF SHORTNAMES
TRADING PARTICIPANT AND PLANT SHORTNAMES

ANNEX A

Market Participant Name	Market Trading Node	TP SHORTNAME	PLANT SHORTNAME
1590 Energy Corporation	1BAUANG_G01	1590ECGEN	BAUANG
Absolut Distillers Inc.	3ADISOL_G01	ABSOLUTDIGEN	ADISOL
Alternergy Wind One Corporation**	3AWOC_G01	AWOC	AWOC
Amlan Hydroelectric Power Corporation	6AMLA_G01	AMLANHPCGEN	AMLA
Anda Power Corporation	1ANDA_G01	ANDAGEN	ANDA
Angat Hydropower Corporation	1ANGAT_A	AHCGEN	ANGAT
Angat Hydropower Corporation	1ANGAT_M	AHCGEN	ANGAT
AP Renewables Inc.	3MKBN_A	APRIGEN	MKBN
AP Renewables Inc.	3MKBN_B	APRIGEN	MKBN
AP Renewables Inc.	3MKBN_C	APRIGEN	MKBN
AP Renewables Inc.	3MKBN_D	APRIGEN	MKBN
AP Renewables Inc.	3MKBN_E	APRIGEN	MKBN
AP Renewables Inc.	3ORMAT_G01	APRIGEN	ORMAT
AP Renewables Inc.	3TIWI_A	APRIGEN	TIWI
AP Renewables Inc.	3TIWI_B	APRIGEN	TIWI
AP Renewables Inc.	3TIWI_C	APRIGEN	TIWI
Aseagas Corporation	3LIAN_G01	ASEAGASGEN	LIAN
Asia Pacific Energy Corporation	1APEC_G01	APECGEN	APEC
Asian Carbon Neutral Power Corp.	1ACNPC_G01	ACNPCGEN	ACNPC
Bac-Man Geothermal Inc.	3BACMAN_G01	BGIGEN	BACMAN
Bac-Man Geothermal Inc.	3BACMAN_G02	BGIGEN	BACMAN
Bataan 2020, Inc.	1BT2020_G01	BTN2020GEN	BT2020
Bicol Biomass Energy Corporation	3BBEC_G01	BBECGEN	BBEC
Bohol I Electric Cooperative, Inc.	7JANOPO_G01	JANOPOLGEN	JANOPO
Bosung Solartec, Inc.	1BOSUNG_G01	BOSUNGGEN	BOSUNG
Bulacan Solar Energy Corp.	1BULSOL_G01	BULACNSEGEN	BULSOL
Cebu Energy Development Corporation	5CEDC_U01	CEDCGEN	CEDC
Cebu Energy Development Corporation	5CEDC_U02	CEDCGEN	CEDC
Cebu Energy Development Corporation	5CEDC_U03	CEDCGEN	CEDC
Cebu Private Power Corporation	5CPPC_G01	CPPCGEN	CPPC
Central Azucarera de San Antonio	8CASA_G01	CASAGEN	CASA
Central Azucarera Don Pedro, Inc.	3CADPI_G01	CADPIGEN	CADPI
Central Negros Power Reliability, Inc.	6CENPRI_U02	CENPRIGEN	CENPRI
Central Negros Power Reliability, Inc.	6CENPRI_U01	CENPRIGEN	CENPRI
Central Negros Power Reliability, Inc.	6CENPRI_U03	CENPRIGEN	CENPRI
Central Negros Power Reliability, Inc.	6CENPRI_U04	CENPRIGEN	CENPRI
Central Negros Power Reliability, Inc.	6CENPRI_U05	CENPRIGEN	CENPRI
CIP II Power Corporation	1CIP2_G01	CIP2GEN	CIP2
Cosmo Solar Energy, Inc.	8COSMO_G01	CSEIGEN	COSMO
CW Marketing and Development Corporation	3HDEPOT_G01	CWMDCGEN	HDEPOT
East Asia Utilities Corporation	5EAUC_G01	EAUCGEN	EAUC
EDC Burgos Wind Power Corporation	1BURGOS_G01	EBWPCGEN	BURGOS
Energy Development Corporation	6NASULO_G01	EDCGEN	NASULO
Energy Development Corporation (Additional facility)	1BURGOS_G02	EDCSL	BURGOS
Energy Development Corporation (Additional facility)	1BURGOS_G03	EDC	BURGOS
Enfinity Philippines Renewable Resources Inc.	1CLASOL_G01	ENFINITYGEN	CLASOL
FGP Corporation (San Lorenzo)	3STA-RI_G05	FGPSNLOGEN	SANLO
FGP Corporation (San Lorenzo)	3STA-RI_G06	FGPSNLOGEN	SANLO
First Cabanatuan Renewable Ventures Inc.	1CABSOL_G01	FCRVGEN	CABSOL
First Farmers Holdings Corporation	6FFHC_G01	FFHCGEN	FFHC
First Gas Power Corporation (Sta Rita)	3STA-RI_G01	FGPSTARIGEN	STA-RI
First Gas Power Corporation (Sta Rita)	3STA-RI_G02	FGPSTARIGEN	STA-RI
First Gas Power Corporation (Sta Rita)	3STA-RI_G03	FGPSTARIGEN	STA-RI
First Gas Power Corporation (Sta Rita)	3STA-RI_G04	FGPSTARIGEN	STA-RI
First Gen Hydro Power Corporation	1MASIWA_G01	FGHPCGEN	MASIWA
First Gen Hydro Power Corporation	1PNTBNG_U01	FGHPCGEN	PNTBNG
First Gen Hydro Power Corporation	1PNTBNG_U02	FGHPCGEN	PNTBNG
First Natgas Power Corporation	3SNGAB_G01	FNPCGEN	SNGAB
First Soleq Energy Corp.	4PHSOL_G01	FSOLEQGEN	PHSOL
First Toledo Solar Energy Corporation	5TOLSOL_G01	FTOLEDOGEN	TOLSOL

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Market Participant Name	Market Trading Node	TP SHORTNAME	PLANT SHORTNAME
GNPower Mariveles Coal Plant Ltd. Co.	1MARVEL_G01	GMCPGEN	MARVEL
GNPower Mariveles Coal Plant Ltd. Co.	1MARVEL_G02	GMCPGEN	MARVEL
Green Core Geothermal Inc.	6PAL1A_G01	GCGIGEN	PAL1A
Green Core Geothermal Inc.	6PAL2A_U01	GCGIGEN	PAL2A
Green Core Geothermal Inc.	6PAL2A_U02	GCGIGEN	PAL2A
Green Core Geothermal Inc.	6PAL2A_U03	GCGIGEN	PAL2A
Green Core Geothermal Inc.	6PAL2A_U04	GCGIGEN	PAL2A
Green Core Geothermal Inc.	4LGPP_G01	GCGIGEN	LGPP
Green Future Innovations, Inc.	1GFII_G01	GFIIGEN	GFII
Green Innovations for Tomorrow Corporation	1GIFT_G01	GIFTGEN	GIFT
Hawaiian-Philippine Company**	6HPCO_G01	HPCOGEN	HPCO
Hawaiian-Philippine Company**	6HPCO_G02	HPCOGEN	HPCO
Hedcor Sabangan, Inc.**	1SABANG_G01	HSABIGEN	SABANG
HEDCOR, Inc.	1SLANGN_G01	HEDCORGEN	SLANGN
HEDCOR, Inc.	1NMHC_G03	HEDCORHE	NMHC
HEDCOR, Inc.	1NMHC_G01	HEDCORHE	NMHC
HEDCOR, Inc.	1HEDCOR_G01	HEDCORHE	HEDCOR
Helios Solar Energy Corporation	6HELIOS_G01	HELIOGEN	HELIOS
Isabela Biomass Energy Corporation**	1IBEC_G01	IBECGEN	IBEC
Jobin-SQM Inc.	1SUBSOL_G01	JOBINGEN	SUBSOL
KEPCO Salcon Power Corporation	5KSPC_G01	KSPCGEN	KSPC
KEPCO Salcon Power Corporation	5KSPC_G02	KSPCGEN	KSPC
Maibarara Geothermal, Inc.	3MGPP_G01	MGIGEN	MGPP
Maibarara Geothermal, Inc.	3MGI_G02	MGIGEN	MGI
Majestics Energy Corporation**	3MEC_G01	MECGEN	MEC
Masinloc Power Partners Co. Ltd.	1MSINLO_G01	MPPCLGEN	MSINLO
Masinloc Power Partners Co. Ltd.	1MSINLO_G02	MPPCLGEN	MSINLO
Masinloc Power Partners Co. Ltd.	1MSNLO_BATG	MPPCLGEN	MSNLO
Mirae Asia Energy Corporation	1MAEC_G01	MAECGEN	MAEC
Montalban Methane Power Corp.	2MMPP_G01	MMPC	MMPP
Monte Solar Energy Inc.	6MNTSOL_G01	MONTESOLGEN	MNTSOL
National Irrigation Administration	1NIABAL_G01	NIABAL	NIABAL
Negros Island Solar Power Inc.	6CARSOL_G01	NISPI	CARSOL
Negros Island Solar Power Inc.	6MANSOL_G01	NISPI2	MANSOL
Next Generation Power Technology Corp.	1MARSOL_G01	NEXTGEN	MARSOL
North Luzon Renewable Energy Corporation**	1CAPRIS_G01	NLRECGEN	CAPRIS
North Wind Power Development Corporation**	1NWIND_G01	NORTHWIND	NWIND
North Wind Power Development Corporation**	1NWIND_G02	NWPDGEN	NWIND
nv vogt Philippines Solar Energy Four, Inc.	1DALSOL_G01	NVVOGTARM	DALSOL
nv vogt Philippines Solar Energy Three, Inc.	1ARMSOL_G01	NVVOGTDAL	ARMSOL
One Subic Power Generation Corporation	1S_ENRO_G01	OSPGCGEN	S_ENRO
Pagbilao Energy Corporation	3PAGBIL_G03	PECGEN	PAGBIL3
Palm Concepcion Power Corporation	8PALM_G01	PCPCGEN	PALM
Panasia Energy, Inc.	1LIMAY_U01	PANASIAGEN	LIMAY
Panasia Energy, Inc.	1LIMAY_U02	PANASIAGEN	LIMAY
Panasia Energy, Inc.	1LIMAY_U03	PANASIAGEN	LIMAY
Panasia Energy, Inc.	1LIMAY_U04	PANASIAGEN	LIMAY
Panasia Energy, Inc.	1LIMAY_U05	PANASIAGEN	LIMAY
Panasia Energy, Inc.	1LIMAY_U06	PANASIAGEN	LIMAY
Panasia Energy, Inc.	1LIMAY_U07	PANASIAGEN	LIMAY
Panasia Energy, Inc.	1LIMAY_U08	PANASIAGEN	LIMAY
Panay Energy Development Corporation	8PEDC_U01	PEDCGEN	PEDC
Panay Energy Development Corporation	8PEDC_U02	PEDCGEN	PEDC
Panay Energy Development Corporation	8PEDC_U03	PEDCGEN	PEDC
Panay Power Corporation	8GLOBAL_G01	PPCGEN	GLOBAL
Panay Power Corporation**	8PPC_G01	PPCGEN	PPC
Panay Power Corporation**	8AVON_G01	PPCGEN	AVON
Pangea Green Energy Philippines, Inc.	2PNGEA_G01	PGEP	PNGEA
People's Energy Services Inc.	3BART_G01	PESIGEN	BART
Petron Corporation	1PETRON_G01	PETROGEN	PETRON
PetroSolar Corporation	1PETSOL_G01	PETROSOLGEN	PETSOL

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PetroWind Energy Inc.**	8PWIND_G01	PWEIGEN	PWIND
PHINMA Energy Corporation	8STBAR_PB	PHENGEN	STBAR
PHINMA Energy Corporation	8STBAR_PB2	PHENGEN	STBAR
PHINMA Energy Corporation	5PHNPB3_G01	PHENGEN	PHNPB3
PHINMA Energy Corporation	8GUIM_G01	PHENGEN	GUIM
PHINMA Power Generation Corporation	1T_ASIA_G01	TAPGCGEN	T_ASIA
Phinma Renewable Energy Corporation	8SLWIND_G01	PHINMAREGEN	SLWIND
Prime Meridian PowerGen Corporation	3AVION_U01	PMPCGEN	AVION
Prime Meridian PowerGen Corporation	3AVION_U02	PMPCGEN	AVION
PSALM Corporation	4LEYTE_A	PSALMGEN	LEYTE
PSALM Corporation	1CASECN_G01	PSALMGEN	CASECN
PSALM Corporation	3BOTOCA_G01	PSALMGEN	BOTOCA
PSALM Corporation	3CALIRY_G01	PSALMGEN	CALIRY
PSALM Corporation	3KAL_G01	PSALMGEN	KAL
PSALM Corporation	3KAL_G02	PSALMGEN	KAL
PSALM Corporation	3KAL_G03	PSALMGEN	KAL
PSALM Corporation	3KAL_G04	PSALMGEN	KAL
PSALM Corporation	3MALAYA_G01	PSALMGEN	MALAYA
PSALM Corporation	3MALAYA_G02	PSALMGEN	MALAYA
Quezon Power (Philippines) Ltd. Co.	3QPPL_G01	QPPLGEN	QPPL
RASLAG Corp.	1RASLAG_G01	RCGEN	RASLAG
RASLAG Corp.	1RASLAG_G02	RCGEN	RASLAG
Republic Cement & Building Materials, Inc.	3RCBMI_G01	RCBMIGEN	RCBMI
Republic Cement & Building Materials, Inc.	3RCBMI_G02	RCBMIGEN	RCBMI
San Carlos Bioenergy, Inc.	6SCBE_G01	SCBIGEN	SCBE
San Carlos Solar Energy, Inc.	6SACASL_G01	SACASOLGEN	SACASL
San Carlos Solar Energy, Inc.	6SACASL_G02	SACASOLGEN	SACASL
San Carlos Sun Power, Inc.	6SACSUN_G01	SACASUNGEN	SACSUN
San Jose City I Power Corporation	1IPOWER_G01	IPOWERGEN	IPOWER
San Jose City I Power Corporation	1IPOWER_G02	IPOWERGEN	IPOWER
San Miguel Energy Corporation	1SUAL_G01	SMECGEN	SUAL
San Miguel Energy Corporation	1SUAL_G02	SMECGEN	SUAL
SEM-Calaca Power Corporation	3CALACA_G01	SCPCGEN	CALACA
SEM-Calaca Power Corporation	3CALACA_G02	SCPCGEN	CALACA
Silay Solar Power, Inc.	6SLYSOL_G01	SILAYSPIGEN	SLYSOL
SMC Consolidated Power Corporation	1SMC_G01	SMCCPCGEN	SMC
SMC Consolidated Power Corporation	1SMC_G02	SMCCPCGEN	SMC
SMC Consolidated Power Corporation	1SMC_G03	SMCCPCGEN	SMC
Smith Bell Mini-Hydro Corporation	1SMBELL_G01	SBMHCGEN	SMBELL
SN Aboitiz Power - Benguet, Inc.	1BINGA_U01	SNAPBGEN	BINGA
SN Aboitiz Power - Benguet, Inc.	1BINGA_U02	SNAPBGEN	BINGA
SN Aboitiz Power - Benguet, Inc.	1BINGA_U03	SNAPBGEN	BINGA
SN Aboitiz Power - Benguet, Inc.	1BINGA_U04	SNAPBGEN	BINGA
SN Aboitiz Power - Benguet, Inc.	1AMBUK_U01	SNAPBGEN	AMBUK
SN Aboitiz Power - Benguet, Inc.	1AMBUK_U02	SNAPBGEN	AMBUK
SN Aboitiz Power - Benguet, Inc.	1AMBUK_U03	SNAPBGEN	AMBUK
SN Aboitiz Power - Magat, Inc.	1MAGAT_U01	SNAPMGEN	MAGAT
SN Aboitiz Power - Magat, Inc.	1MAGAT_U02	SNAPMGEN	MAGAT
SN Aboitiz Power - Magat, Inc.	1MAGAT_U03	SNAPMGEN	MAGAT
SN Aboitiz Power - Magat, Inc.	1MAGAT_U04	SNAPMGEN	MAGAT
SN Aboitiz Power - Magat, Inc.	1MARIS_U01	SNAPMGEN	MARIS
SN Aboitiz Power - Magat, Inc.	1MARIS_U02	SNAPMGEN	MARIS
Solar Philippines Calatagan Corporation	3CALSOL_G01	SOLARPHILGEN	CALSOL
Solar Philippines Commercial Rooftop Projects, Inc.**	2SMNRTH_G01	SPSMNORTH	SMNRTH
South Luzon Thermal Energy Corporation	3SLTEC_G01	SLTECGEN	SLTEC
South Luzon Thermal Energy Corporation**	3SLTEC_G02	SLTECGEN	SLTEC
South Premiere Power Corporation	3ILIJAN_G01	SPPCGEN	ILIJAN
South Premiere Power Corporation	3ILIJAN_G02	SPPCGEN	ILIJAN
Southwest Luzon Power Generation Corporation**	3SLPGC_G01	SLPGCGEN	SLPGC
Southwest Luzon Power Generation Corporation**	3SLPGC_G02	SLPGCGEN	SLPGC
Southwest Luzon Power Generation Corporation**	3SLPGC_G03	SLPGCGEN	SLPGC
Southwest Luzon Power Generation Corporation**	3SLPGC_G04	SLPGCGEN	SLPGC

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SPARC-Solar Powered Agri-Rural Communities Corporation	1ZAMSOL_G01	SPARCGEN	ZAMSOL
SPARC-Solar Powered Agri-Rural Communities Corporation	1BTNSOL_G01	SPARCGEN	BTNSOL
SPARC-Solar Powered Agri-Rural Communities Corporation	1SPABUL_G01	SPARCGEN	SPABUL
SPC Island Power Corporation	7BDPP_G01	SIPCGEN	BDPP
SPC Island Power Corporation	8PDPP_G01	SIPCGEN	PDPP
SPC Island Power Corporation	8PDPP3_G01	SIPCGEN	PDPP3
SPC Power Corporation	7TAPAL_PB4	SPCGEN	TAPAL
Sta Clara Power Corporation	7LOBOC_G01	STACLARAGEN	LOBOC
Strategic Power Development Corporation	1SROQUE_U01	SPDCGEN	SROQUE
Strategic Power Development Corporation	1SROQUE_U02	SPDCGEN	SROQUE
Strategic Power Development Corporation	1SROQUE_U03	SPDCGEN	SROQUE
Sulu Electric Power and Light (Phils.), Inc.	4SEPSOL_G01	SEPALCOGEN	SEPSOL
Sunwest Water and Electric Company 2, Inc.	8SUWECO_G01	SUWECO2GEN	SUWECO
Therma Luzon, Inc.	3PAGBIL_G01	TLIGEN	PAGBIL
Therma Luzon, Inc.	3PAGBIL_G02	TLIGEN	PAGBIL
Therma Mobile, Inc.	2TMO_PB	TMOGEN	TMO
Therma Visayas, Inc.	5THVI_U01	TVIGEN	THVI
Therma Visayas, Inc.	5THVI_U02	TVIGEN	THVI
Toledo Power Company	5TPC_G02	TPCGEN	SANGI
Toledo Power Company	5TPC_G01	TPCGEN	CARMEN
United Pulp and Paper Company, Inc.	1UPPC_G01	UPPCGEN	UPPC
Universal Robina Corporation**	6URC_G01	URCGEN	URC
Valenzuela Solar Energy, Inc.	2VALSOL_G01	VSEIGEN	VALSOL
Victorias Milling Company, Inc.	6VMC_G01	VMCGEN	VMC
Vivant Sta. Clara Northern Renewables Generation Corporation	1BAKUN_G01	NRGEN	BAKUN
YH Green Energy, Incorporated	1YHGRN_G01	YHGEIGEN	YHGRN