



**Monitoring report form for CDM project activity
(Version 06.0)**

Complete this form in accordance with the instructions attached at the end of this form.

MONITORING REPORT

Title of the project activity	Wayang Windu Phase 2 Geothermal Power Project	
UNFCCC reference number of the project activity	3193	
Version number of the PDD applicable to this monitoring report	03	
Version number of this monitoring report	01	
Completion date of this monitoring report	08/02/2018	
Monitoring period number	6	
Duration of this monitoring period	01/01/2015 – 1/12/2017 (first and last days included)	
Monitoring report number for this monitoring report	1	
Project participants	Star Energy Geothermal (Wayang Windu) Ltd Sindicatum Carbon Capital Ltd	
Host Party	Republic of Indonesia	
Sectoral scopes	Sectoral scope: 1 - Energy industries (renewable/ non-renewable sources)	
Applied methodologies and standardized baselines	ACM0002 version 9 - Consolidated methodology for grid-connected electricity generation from renewable sources	
Amount of GHG emission reductions or net anthropogenic GHG removals achieved by the project activity in this monitoring period	Amount achieved before 1 January 2013	Amount achieved from 1 January 2013
	N/A	1,678,445 tCO ₂ e
Amount of GHG emission reductions or net anthropogenic GHG removals estimated ex ante for this monitoring period in the PDD	2,319,367 tCO ₂ e	

SECTION A. Description of project activity

A.1. General description of project activity

>> The purpose of the project activity is the generation of power using a reliable and renewable resource in place of power generation by a more greenhouse gas intensive fuel/source. The project reduces greenhouse gas emissions through the displacement of fossil fuel electricity generation with a clean, renewable energy source.

The project activity, Wayang Windu Phase 2 Geothermal Power Project, involves the installation of the additional main 117 MW steam turbine and peripheral equipment to enable the turbine to be driven by the steam produced by the Wayang Windu geothermal fields. The turbine is connected to a generator which would produce the electricity to the JAMALI grid, and hence adding the electricity capacity of the existing Wayang Windu Phase 1.

Wayang Windu Phase 1 has been producing power since June 2000, supplying 110 MW of electricity into the national grid through a single buyer, PLN.

The baseline scenario for this project is the generation of electricity by the operation of grid-connected power plants and by the addition of new generation sources. In the absence of the project activity electricity will continue to be generated by the existing generation units in the JAMALI grid.

The date when the EPC contract was signed was considered as the starting date of the project activity, i.e. on 30/01/2007. Project construction start date is 30/01/2007 and the commercial operation of the project started from 04/03/2009 and has been continually operating since that date, apart from shut downs or scheduled maintenance. The project activity is currently in the operational phase and has been registered with the United Nations Framework Convention on Climate Change (UNFCCC) as a CDM project activity (Reference No. 3193) on 02/12/2010 with five monitoring periods from 02/12/2010 to 31/12/2015 verified before this current monitoring period. The details can be viewed on <http://cdm.unfccc.int/Projects/DB/TUEV-SUED1260194062.48/view>

The total emission reductions achieved in this monitoring period is 1,678,445 tCO₂e.

A.2. Location of project activity

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Wayang Windu Geothermal Power Plant is located in Pangalengan approximately 40 km south of Bandung, West Java in Indonesia. 7° 12' 26.79" S, 107° 37' 44.12" E



Figure 1 Location of Bandung



Figure 2 Location of Wayang Windu

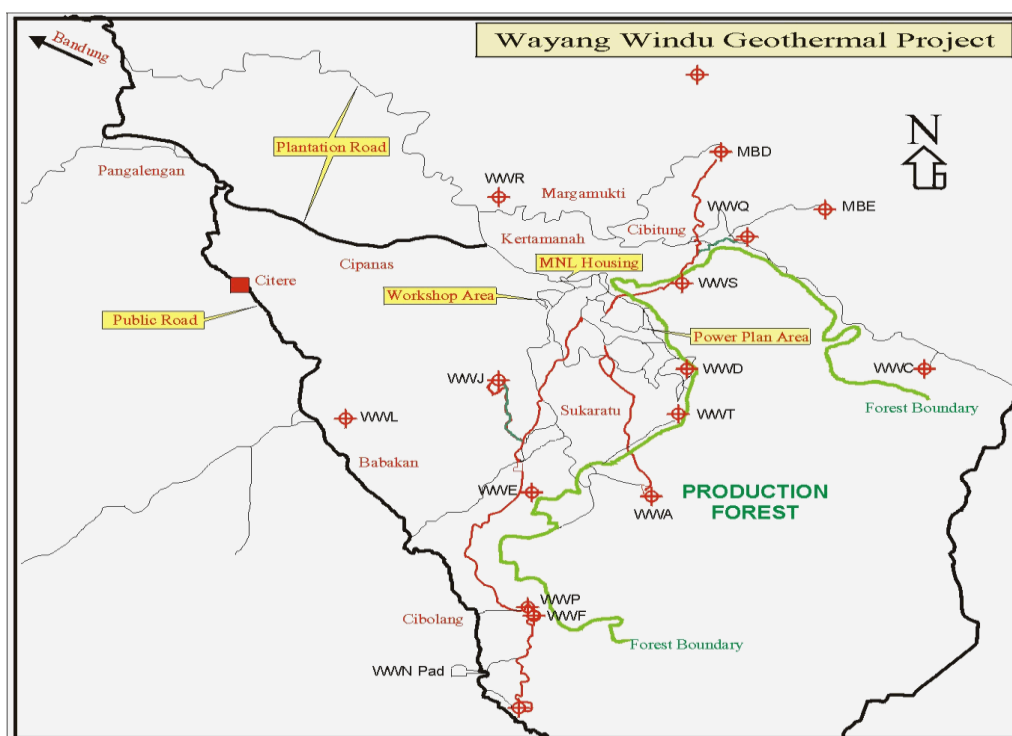


Figure 3 Location of the Wayang Windu Wells and Plant

A.3. Parties and project participants

Parties involved	Project participants	Indicate if the Party involved wishes to be considered as project participant (Yes/No)
Republic of Indonesia (host)	Private entity: Star Energy Geothermal (Wayang Windu) Ltd (MNL)	No
United Kingdom of Great Britain and Northern Ireland	Private entity: Sindicatum Carbon Capital Ltd	No

A.4. Reference to applied methodologies and standardized baselines

>>

The applied methodology: ACM0002 “Consolidated methodology for grid-connected electricity generation from renewable sources” (version 9)

This methodology also uses the build margin (BM) and operating margin (OM) approach as specified in:

- “Tool to calculate the emission factor for an electricity system” (Version 01.1)
- “Tool for the demonstration of additionality” (Version 5.2),
- “Tool to calculate project or leakage CO₂ emissions from fossil fuel combustion” (Version 02)

More information can be found on the UNFCCC CDM website:

(<http://cdm.unfccc.int/methodologies/DB/UB3431UT9I5KN2MUL2FGZXZ6CV71LT>)

A.5. Crediting period type and duration

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A renewable 7-year crediting period was chosen for the project activity. The start of the crediting period was 02/12/2010.→

SECTION B. Implementation of project activity**B.1. Description of implemented project activity**

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Geothermal energy in Wayang Windu is stored in a steam reservoir within the earth’s crust. Dry saturated steam at high pressure is produced at the surface from wells drilled into this reservoir. The steam is delivered to the power generation facilities through a steam gathering system, to move the turbine blades and drive a generator hence generating electricity. Exhaust steam from the turbine is condensed in a direct contact condenser and part of the condensed exhaust steam is re-injected into the geothermal reservoir, with the remaining being evaporated in the cooling towers. The electricity produced, is transferred by the load dispatcher at the adjacent power switchyard to the transmission lines located outside the power plant.

The power plant consists of a conventional geothermal condensing steam turbine generator with a capacity of 117 MW. Energy of condensation will be transferred to the circulating cooling water system in the steam exhaust condenser and will subsequently be rejected to atmosphere in a conventional mechanical draught cooling tower.

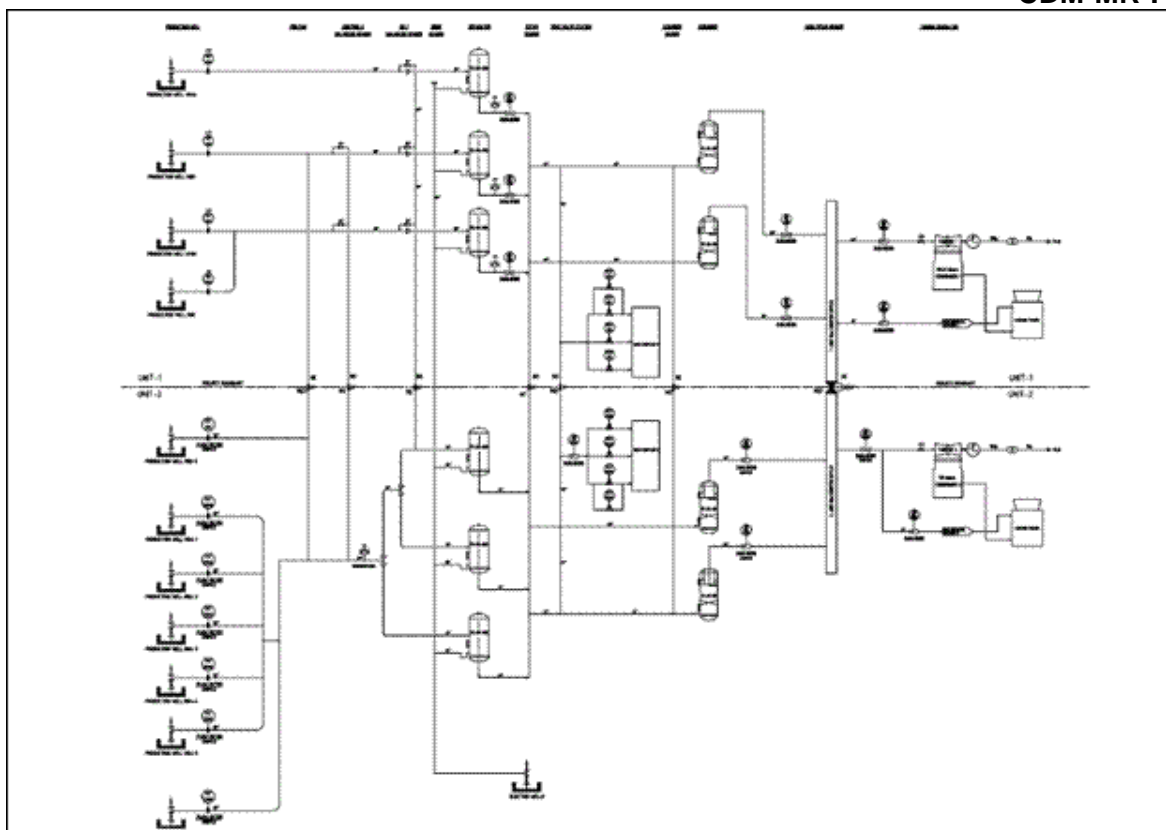


Figure 4 Diagram of the Technical Process (also see Figure 5)

Information on the main equipment:

Main equipment	Steam Turbine	Generator
Manufacturer	Fuji Electric Systems Co. Ltd.	Fuji Electric Systems Co. Ltd.
Type or model no.	Single Casing Condensing	GTLRI544/63-2
Serial number	K1B10159G1	K1B10159L1
Rated capacity or output	117.000 kW	137500 kVA
Rated voltage	-	13800 V
Rated Power Factor	-	0.85 Cos ϕ

The commercial operation of Wayang Windu Phase 2 Geothermal Power Project Plant started from 04/03/2009 and the project activity was registered as a CDM activity on 02/12/2010.

During this monitoring period, planned and unplanned outages occurred to Wayang Windu Phase 1 and 2. Refer to Annex 1 for further details and refer to Annex 4 Monitoring Equipments for calibration activities during this monitoring period.

During this monitoring period, there was a change on the brine well from WWW1 to WWF3. This change was according to Engineer's recommendation. Initially WWF3 well used for condensate injection, The injected condensate was found to cause cooling effect to another production well nearby. The temperature drop effect can cause a well stop producing steam. To minimize the temperature drop effect and revive the well, Geo Engineers then recommend swapping the brine well from WWW1 to WWF3 and made WWW1 as a new condensate injection well. On 6 March 2015, WWF1 was reused as an additional brine well.

On 5 May 2015, Wayang Windu stopped its operation due to land slide that hit the area causing damage to the steam distribution lines. On 7 September 2015, the plant re-started its operation.

B.2. Post-registration changes**B.2.1. Temporary deviations from the registered monitoring plan, applied methodologies or standardized baselines**

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No temporary deviations from the registered monitoring plan or applied methodology have been applied for this monitoring period.

B.2.2. Corrections

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Not applicable.

B.2.3. Changes to the start date of the crediting period

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There have been no permanent changes from registered monitoring plan or applied methodology submitted or approved during this monitoring period with this monitoring report.

B.2.4. Inclusion of monitoring plan

>>

Not applicable

B.2.5. Permanent changes to the registered monitoring plan, or permanent deviation of monitoring from the applied methodologies, standardized baselines, or other applied standards or tools

>>

Not applicable

B.2.6. Changes to project design

>>

Not applicable

SECTION C. Description of monitoring system

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The location of measurement devices installed is presented in figures 5,6,7,8 below:

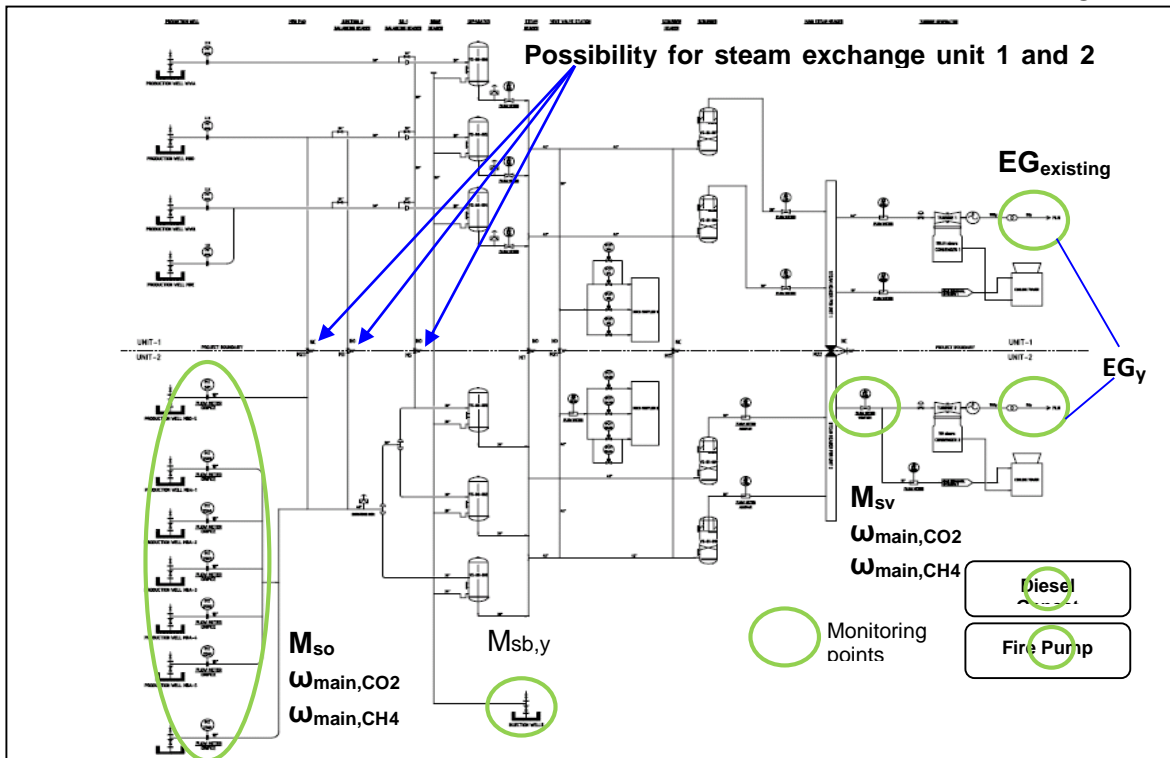


Figure 5 Simplified Process Flow Diagram for Monitoring

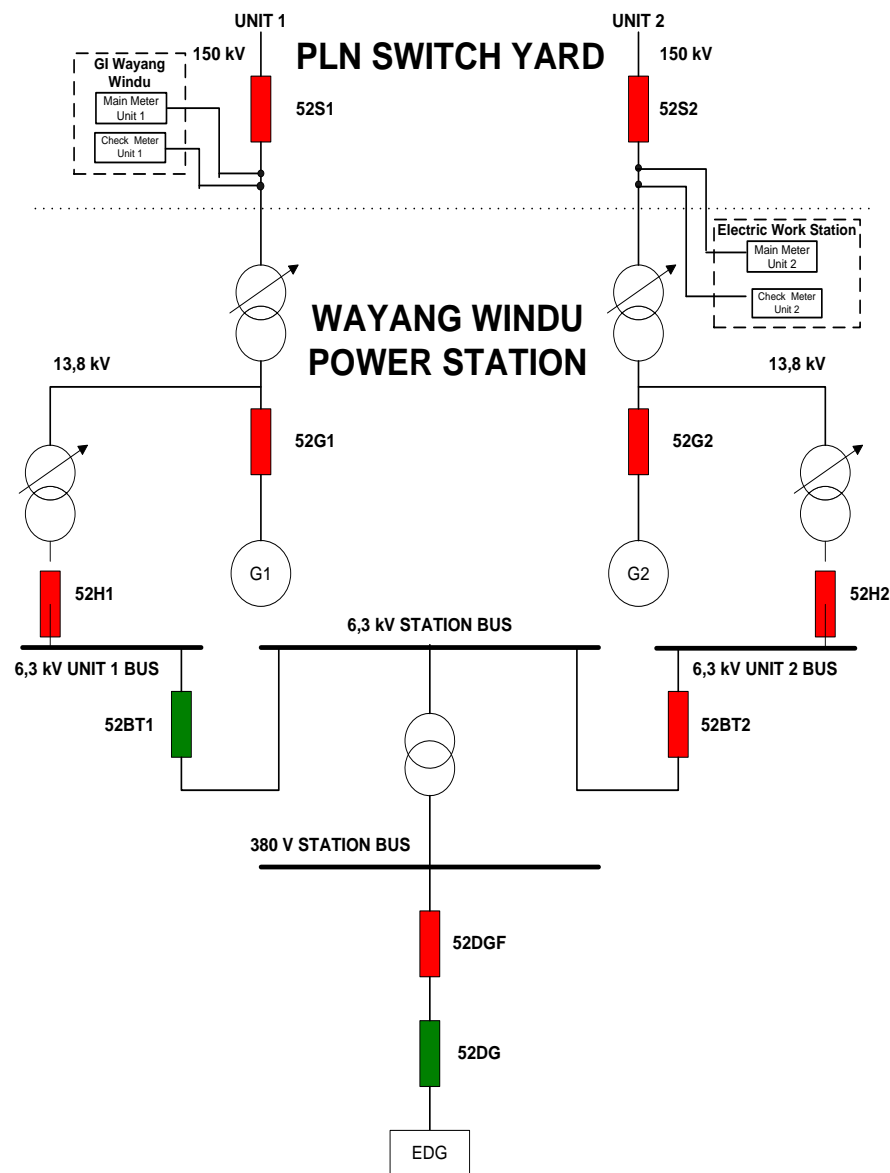


Figure 6 Electrical Layout Drawing

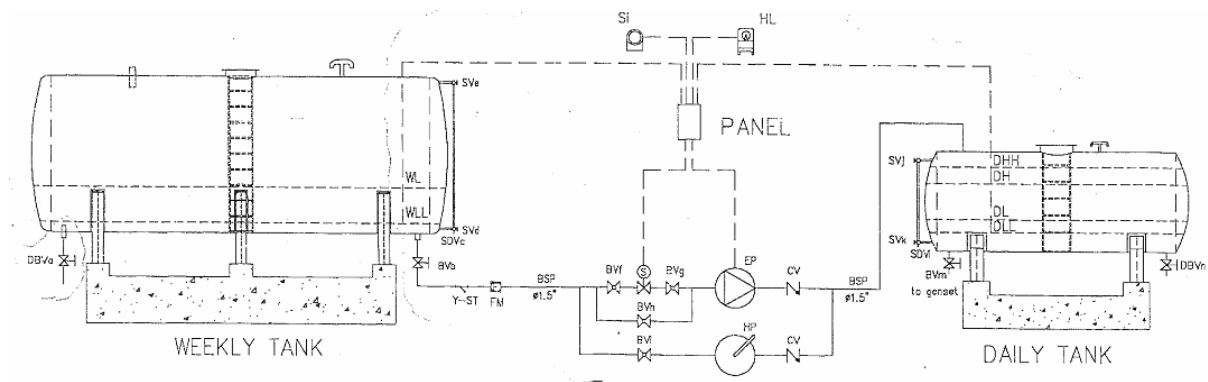


Figure 7 Fire Pump Fuel System

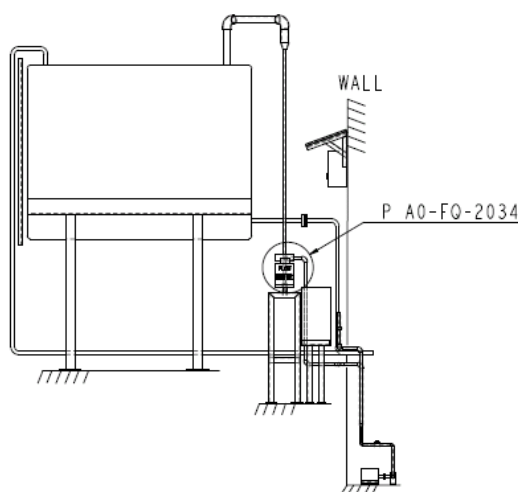


Figure 8 Diesel Generator Set Fuel System

In order to guarantee the quality of the data and data collection system, a detailed monitoring manual has been developed and implemented. This quality manual or monitoring plan (available for verification by a designated operational entity (DOE)) is based upon the requirements set in the registered PDD and addresses as a minimum the items listed below.

Other operation and maintenance procedures developed for the project activity that are related to the monitoring system will be available during verification. Refer to Annex 2 for the list of the procedures.

An overview of the data collection process is provided in table 1 underneath. Detailed formulas for the calculation of emissions are presented in Section E below.

Table 1 Data collection process

Parameter	Reference	Procedure / Frequency	Registration	Check and correct primary measurements
Baseline Emissions	The baseline emissions are calculated using the formulae described in the PDD, section B6.1 - using the CDM spreadsheet.	Primary data (weekly reports) are entered by the SCC officer in the CDM spreadsheet at the start of each month	CDM spreadsheet stored at SCC Project File S-Server	The SCC project officer performs a consistency check based upon previous months. In case of irregularities data is double checked with SEG(WW)L and if needed corrected
Leakage	= 0			
Project Emissions	The project emissions are calculated using the formulae described in the PDD, section B6.1 - using the	Primary data are entered by the SCC officer in the CDM spreadsheet at the start of each month	CDM spreadsheet stored at SCC Project File S-Server	The SCC project officer performs a consistency check based upon previous months. In case of irregularities data is double checked with

	CDM spreadsheet			SEG(WW)L and if needed corrected
Emissions Reductions	The emission reductions are calculated using the formulae described in the PDD, section B6.1 - using the CDM spreadsheet	Primary data (weekly reports) are entered by the SCC officer in the CDM spreadsheet at start of each month	CDM spreadsheet stored at SCC Project File S-Server	The SCC project officer performs a consistency check based upon previous months. In case of irregularities data is double checked with SEG(WW)L and if needed corrected

Calculation of emissions reduction:

The data required to calculate baseline emissions and project emissions are fed into a protected spreadsheet which calculates the emission reductions according to the formulae described in section E. Access to the spreadsheet is controlled. The spreadsheet is regularly audited to ensure it is operating correctly.

Quality control

Data is compared from month to month using trend analysis to show where parameters have deviated significantly from preceding or following values. Any values identified as being unusual in this manner is rechecked. Where preceding or following values are not available, references values may be taken from published data as appropriate such as 2006 IPCC guideline.

Preparation of monitoring report

The data is used to prepare a periodic monitoring report to be submitted to the CDM EB for verification and issuance of CERs. A standard format for the monitoring report is prepared. Prior to the submission of the first monitoring report, an internal technical review process was conducted and documented before the report was submitted for verification.

Accuracy and calibration of instruments

All meters purchased are maintained to ensure a high level of accuracy. The exact specifications of each meter were determined during the detailed design of the project. Thereafter the meter accuracies are included in this procedure and steps taken to maintain those levels of accuracy. The accuracy levels and procedures are set out in detail on monitoring manual.

All key meters are subjected to a quality control regime that includes regular maintenance and calibration. A record is maintained showing the location and unique identification number of each meter, the calibration status of that meter (when last calibrated, when next due for calibration) and who performs the calibration service. Calibration certificates are retained for all meters until two years after the end of the crediting period.

Archiving of data

The monitoring team periodically archives data to a secure and retrievable storage format on a periodic e.g. weekly basis. Calibration records are archived by scanning and storage in an accessible electronic format. These data are stored until 2 years after the end of the crediting period.

Document Control

The Project Manager implements a document control system that ensures that the current versions of necessary documents are available at the point of use. All documents are maintained in English (with local translations if necessary).

Manual data recording system

The monitoring team implements a manual data recording system to act as a back-up for the online system. This involves completion of a daily log sheet that records electricity meter readings at the start of the day (which is also the end of the previous day).

Treatment of missing or corrupted data

Where data are corrupted or missing whilst the plant is operating, the missing data can be estimated by taking the lower of the average value for the parameter before the error arose.

Audit function and management review

The Project Manager arranges for an audit of the management system periodically and at least once per year. The auditor is not involved in the daily operation of the project and if necessary, may be sourced from a third party. The auditor assesses the implementation of the monitoring procedure and the preparation of the monitoring report. Audit findings, and steps taken to address findings are recorded and reviewed by the management, which also reviews the effectiveness of these procedures and necessary changes implemented.

Organisation & Responsibilities

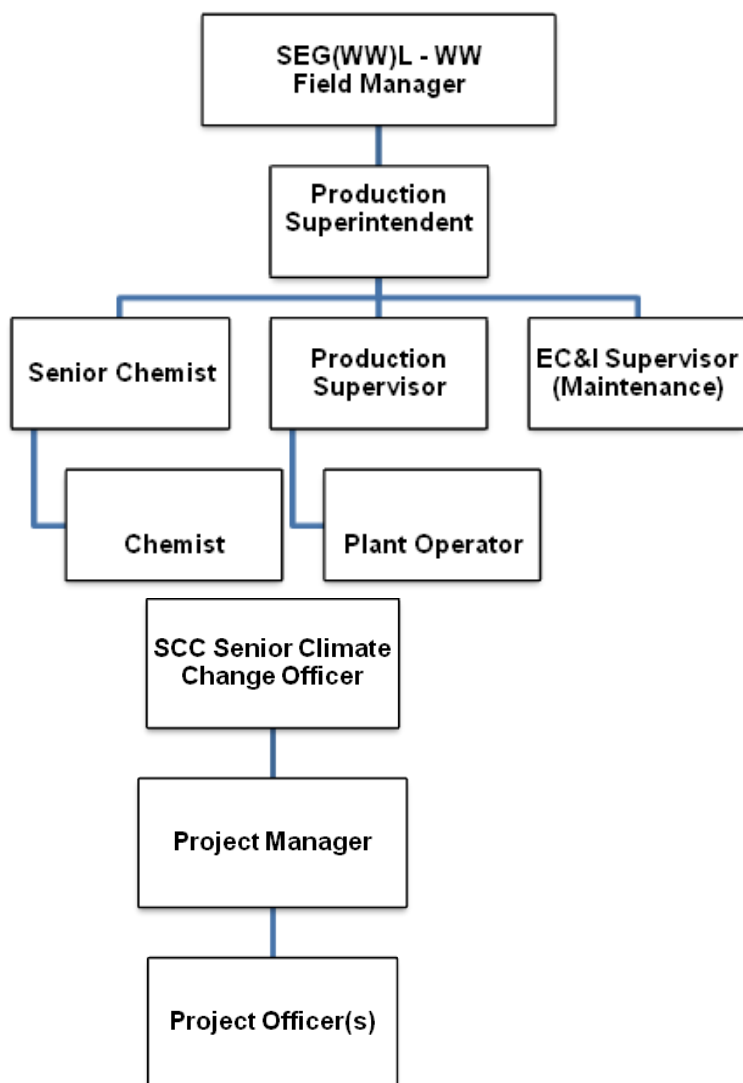
SEG(WW)L

- Wayang Windu Field Manager is responsible for supervision of overall plant operations and management responsibilities
- Production Superintendent is responsible for the preparation of monthly CDM report and supervision of plant productions
- EC&I Supervisor is responsible for maintaining the measurement devices and ensuring calibration of the measurement devices
- Senior Chemist is responsible for checking steam quality information for CDM and submission to SCC
- Chemist is responsible for steam sampling and analysis, checking and recording of steam quality
- Production Supervisor is responsible for external data collection, checking CDM information (excluding steam quality data) and weekly spreadsheet and submission to SCC
- Plant Operators are responsible for meter readings, data recording and other roles as specified by the supervisors

SCC

- Senior Climate Change Officer is responsible for the supervision of overall climate change monitoring of the project, initiate verification with DOE, and conducts internal audit on correct implementation MP
- Project Manager is responsible for management and checking of CDM information and reporting
- Project Officer is responsible for project coordination, implementation and liaison, data gathering and retention, completion of the CDM spreadsheet, calculation of emission reductions, preparation of monitoring report

The organizational structure will be as follows:



SECTION D. Data and parameters

D.1. Data and parameters fixed ex ante

Data/Parameter	<i>GWP_{CH4}</i>
Unit	tCO ₂ /tCH ₄
Description	Global warming potential of methane valid for the relevant commitment period
Source of data	IPCC and change from GWP of 21 to 25 according to decision 4/CMP7 paragraph 66, EB69
Value(s) applied	Default value for the commitment period = 25 tCO ₂ /tCH ₄
Choice of data or measurement methods and procedures	
Purpose of data/parameter	Project emission calculations
Additional comments	-

Data/Parameter	<i>EG_{historical}</i>
Unit	MWh
Description	Average historical electricity delivered by the existing facility to the grid

Source of data	Project activity site
Value(s) applied	912,476
Choice of data or measurement methods and procedures	
Purpose of data/parameter	Baseline emission calculations
Additional comments	The average of historical electricity delivered by the existing facility (Wayang Windu Phase 1) to the grid, spanning all data from the most recent available month (February 2009) to the time at which the facility was operated (June 2000) expressed in MWh per year. Data is based on invoices from net electricity sales to the grid operator.

Data/Parameter	$DATE_{BaselineRetrofit}$
Unit	Date
Description	Point in time when the existing equipment would need to be replaced in the absence of the project activity
Source of data	Project activity site
Value(s) applied	01/06/2030
Choice of data or measurement methods and procedures	
Purpose of data/parameter	Baseline emission calculations
Additional comments	The technical lifetime of the existing facility, i.e. Wayang Windu Phase 1, in the absence of the project activity is taken to be 30 years. This is a conservative number, considering many of the power plants in Indonesia are operated even after its technical lifetime. Wayang Windu 1 started operation in June 2000, hence the $DATE_{BaselineRetrofit}$ is 01/06/2030.

Data/Parameter	$EF_{grid,CM,y}$
Unit	tCO ₂ /MWh
Description	Grid emission factor for JAMALI
Source of data	Grid calculation published by Department of Energy and Mineral Resources of Indonesia - Directorate General of Electricity and Energy Utilization and endorsed by Indonesia DNA on 19/01/2009.
Value(s) applied	0.891
Choice of data or measurement methods and procedures	
Purpose of data/parameter	Baseline emission calculations
Additional comments	Calculated with "tool to calculate the emission factor for an electricity system version 01.1". Calculated once ex-ante at the start of the crediting period, using the most recent three historical years for which data is available at the time of submission of the CDM-PDD to the DOE for validation

D.2. Data and parameters monitored

(Copy this table for each data or parameter.)

Data / Parameter:	ω_{main, CO_2}
Unit:	tCO ₂ /t steam
Description:	Average mass fraction of CO ₂ in the produced steam

Measured/ Calculated / Default:	Measured		
Source of data:	The mass fraction of CO ₂ in the produced steam at the production wells and at the steam field-power plant interface by the external laboratory.		
Value(s) of monitored parameter:	CO₂ (tCO₂ /t steam)	Wells	Main Steam
	29/12/2014	0.00687	0.00941
	13/03/2015	0.00681	0.00869
	15/09/2015	0.00758	0.00955
	23/12/2015	0.00773	0.00932
	10/03/2016	0.01082	0.00812
	29/07/2016	0.01019	0.00801
	10/10/2016	0.01066	0.00812
	05/12/2016	0.01064	0.00896
	26/04/2017	0.01085	0.00906
	10/07/2017	0.01095	0.00861
	17/11/2017	0.01002	0.00884
	19/12/2017	0.01160	0.00941
Monitoring equipment:	<p>The CO₂ monitoring equipment consists of gas flasks, filled with sodium hydroxide solution and additional chemicals to prevent oxidation. The gas sampling is carried out using ASTM Standard Practice E1675 for Sampling 2-Phase Geothermal Fluid for Purposes of Chemical Analysis (as applicable to sampling single phase steam only).</p> <p>The analysis is carried out by an external laboratory accredited under ISO 17025 by the National Accreditation Committee (KAN - Komite Akreditasi Nasional).</p>		
Measuring/ Reading/ Recording frequency:	Sampling, analysis, and recording are performed every 3 months.		
Calculation method (if applicable):	N/A		
QA/QC procedures:	Detailed procedures are described in the CDM Monitoring Manual		
Purpose of data:	Project emission calculation		
Additional comment:	-		

Data / Parameter:	ω_{main, CH₄}
Unit:	tCH ₄ /t steam
Description:	Average mass fraction of CH ₄ in the produced steam
Measured/ Calculated / Default:	Measured
Source of data:	The mass fraction of CH ₄ in the produced steam at the production wells and at the steam field-power plant interface by the external laboratory.

Value(s) of monitored parameter:	CH ₄ (tCH ₄ /t steam)	Wells	Main Steam
	29/12/2014	2.77E-06	3.25E-06
	13/03/2015	3.41E-06	5.00E-06
	15/09/2015	4.34E-06	6.50E-06
	23/12/2015	5.23E-06	5.55E-06
	10/03/2016	6.90E-06	2.85E-06
	29/07/2016	1.50E-05	3.20E-06
	10/10/2016	6.60E-06	3.35E-06
	05/12/2016	5.20E-06	4.75E-06
	26/04/2017	5.60E-06	4.30E-06
	10/07/2017	4.75E-06	8.55E-06
	17/11/2017	3.69E-06	3.85E-06
	19/12/2017	4.67E-06	3.15E-06
Monitoring equipment:	<p>The CH₄ monitoring equipment consists of gas flasks, filled with sodium hydroxide solution and additional chemicals to prevent oxidation. The gas sampling is carried out using ASTM Standard Practice E1675 for Sampling 2-Phase Geothermal Fluid for Purposes of Chemical Analysis (as applicable to sampling single phase steam only).</p> <p>The analysis is carried out by an external laboratory accredited under ISO 17025 by the National Accreditation Committee (KAN - Komite Akreditasi Nasional).</p>		
Measuring/ Reading/ Recording frequency:	Sampling, analysis, and recording are performed every 3 months.		
Calculation method (if applicable):	N/A		
QA/QC procedures:	Detailed procedures are described in the CDM Monitoring Manual		
Purpose of data:	Project emission calculation		
Additional comment:	-		

Data / Parameter:	M_{s,y}
Unit:	Tonnes
Description:	Quantity of steam produced during the year y
Measured/ Calculated / Default:	Measured
Source of data:	Continuous measurement by a Venturi flow meter (M _{sv,y}) located at the upstream of the Wayang Windu Unit 2 turbine and which is adjusted for losses of brine at the steam separator (M _{sb,y}) as well as Orifice Plates (M _{so,i,y}) located at the Wayang Windu Unit 2 well heads.
Value(s) of monitored parameter:	Refer to Annex 3 Daily Steam Data Wayang Windu Phase 2

Monitoring equipment:

Steam flow to WW-2 turbine

Tag number	A2-FIT-0106
Brand & Type	Yokogawa EJX910A
Serial number	91L410293
Accuracy class	0.04%
Calibration frequency	Biannually
Calibration	05/12/2014
Calibration	05/06/2015
Calibration	07/12/2015
Calibration	07/06/2016
Calibration	07/12/2016
Last Calibration	05/06/2017
Validity	05/12/2017

MBB-1 Well steam flow

Tag number	FIT-2301	PIT-2302
Brand & Type	Rosemount 3051C	Rosemount 3051T
Serial number	01830354	01830135
Accuracy class	0.065%	0.065%
Calibration frequency	Biannually	
Calibration	05/12/2014	05/12/2014
Calibration	05/06/2015	05/06/2015
Calibration	05/12/2015	05/12/2015
Calibration	05/06/2016	04/06/2016
Calibration	05/12/2016	04/12/2016
Last calibration	03/06/2017	02/06/2017
Validity	03/12/2017	02/12/2017

MBB-2 Well steam flow

Tag number	FIT-2302	PIT-2304
Brand & Type	Rosemount 3051C	Rosemount 3051T
Serial number	02990632	02990636
Accuracy class	0.065%	0.065%
Calibration frequency	Biannually	
Calibration	07/12/2015	05/12/2015
Calibration	07/06/2016	05/06/2016
Calibration	07/12/2016	05/12/2016
Calibration	05/06/2017	03/06/2017
Last calibration	05/12/2017	03/12/2017
Validity	05/06/2018	03/06/2018

MBB-3 Well steam flow

Tag number	FIT-2303	PIT-2306
Brand & Type	Rosemount 3051C	Rosemount 3051T
Serial number	02990633	02990637
Accuracy class	0.065%	0.065%
Calibration frequency	Biannually	
Calibration	08/12/2015	07/12/2015
Calibration	08/06/2016	07/06/2016
Calibration	08/12/2016	07/12/2016
Calibration	06/06/2017	05/06/2017
Last calibration	06/12/2017	05/12/2017
Validity	06/06/2018	05/06/2018

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MBB-4 Well steam flow

Tag number	FIT-2304	PIT-2308
Brand & Type	Rosemount 3051C	Rosemount 3051T
Serial number	02990634	02990638
Accuracy class	0.065%	0.065%
Calibration frequency	Biannually	
Calibration	08/12/2015	08/12/2015
Calibration	08/06/2016	08/06/2016
Calibration	08/12/2016	05/12/2016
Calibration	06/06/2017	03/06/2017
Last calibration	06/12/2017	03/12/2017
Validity	06/06/2018	03/06/2018

MBB-5 Well steam flow

Tag number	FIT-2305	PIT-2310
Brand & Type	Rosemount 3051C	Rosemount 3051T
Serial number	02990635	02990639
Accuracy class	0.065%	0.065%
Calibration frequency	Biannually	
Calibration	09/12/2015	09/12/2015
Calibration	09/06/2016	09/06/2016
Calibration	09/12/2016	09/12/2016
Calibration	09/06/2017	09/06/2017
Last calibration	07/12/2017	07/12/2017
Validity	07/06/2018	07/06/2018

MBA-1 Well steam flow

Tag number	FIT-2501	PIT-2502
Brand & Type	Rosemount 3051C	Rosemount 3051T
Serial number	01830374	01830130
Accuracy class	0.065%	0.065%
Calibration frequency	Biannually	
Calibration	03/12/2014	03/12/2014
Calibration	03/06/2015	03/06/2015
Calibration	04/12/2015	03/12/2015
Calibration	04/06/2016	03/06/2016
Calibration	04/12/2016	03/12/2016
Calibration	02/06/2017	01/06/2017
Last calibration	02/12/2017	01/12/2017
Validity	02/06/2018	01/06/2018

MBA-2 Well steam flow

Tag number	FIT-2502	PIT-2504
Brand & Type	Rosemount 3051C	Rosemount 3051T
Serial number	02065517	01830131
Accuracy class	0.065%	0.065%
Calibration frequency	Biannually	
Calibration	02/12/2014	02/12/2014
Calibration	02/06/2015	02/06/2015
Calibration	03/12/2015	03/12/2015
Calibration	03/06/2016	03/06/2016
Calibration	03/12/2016	03/12/2016
Calibration	01/06/2017	01/06/2017
Last calibration	01/12/2017	01/12/2017
Validity	01/06/2018	01/06/2018

MBA-3 Well steam flow

Tag number	FIT-2503	PIT-2506
Brand & Type	Rosemount 3051C	Rosemount 3051T
Serial number	01830360	01830132
Accuracy class	0.065%	0.065%
Calibration frequency	Biannually	
Calibration	01/12/2014	01/12/2014
Calibration	01/06/2015	01/06/2015
Calibration	02/12/2015	02/12/2015
Calibration	02/06/2016	02/06/2016
Calibration	02/12/2016	02/12/2016
Calibration	02/06/2017	02/06/2017
Last calibration	02/12/2017	02/12/2017
Validity	02/06/2018	02/06/2018

MBA-4 Well steam flow

Tag number	FIT-2504	PIT-2508
Brand & Type	Rosemount 3051C	Rosemount 3051T
Serial Number	01830361	01831233
Accuracy Class	0.065%	0.065%
Calibration	30/11/2014	30/11/2014
Calibration	31/05/2015	31/05/2015
Calibration	02/12/2015	01/12/2015
Calibration	02/06/2016	01/06/2016
Calibration	02/12/2016	01/12/2016
Calibration	02/06/2017	01/06/2017
Last Calibration	02/12/2017	01/12/2017
Validity	02/06/2018	01/06/2018

MBA-5 Well steam flow

Tag number	FIT-2505	PIT-2510
Brand & Type	Rosemount 3051C	Rosemount 3051T
Serial Number	03387208	01830134
Accuracy Class	0.065%	0.065%
Calibration	29/11/2014	29/11/2014
Calibration	30/05/2015	30/05/2015
Calibration	01/12/2015	01/12/2015
Calibration	01/06/2016	01/06/2016
Calibration	01/12/2016	01/12/2016
Calibration	01/06/2017	01/06/2017
Last Calibration	01/12/2017	01/12/2017
Validity	01/06/2018	01/06/2018

MBD-5 Well steam flow

Tag number	FIT-501	PIT-506
Brand & Type	Rosemount 3051C	Rosemount 3051T
Serial number	01845811	01593780
Accuracy class	0.065%	0.065%
Calibration frequency	Biannually	
Calibration	04/12/2014	04/12/2014
Calibration	04/06/2015	04/06/2015
Calibration	04/12/2015	04/12/2015
Calibration	04/06/2016	04/06/2016
Calibration	04/12/2016	04/12/2016
Calibration	02/06/2017	02/06/2017
Last calibration	02/12/2017	02/12/2017
Validity	02/06/2018	02/06/2018

WWW-3 Brine injection well

Tag number	FIT-980	PIT-799
Brand & Type	Bailey PTHDDD	Yokogawa EJX530A
Serial number	8G199082	91M523084
Accuracy class	0.08%	0.04%
Calibration frequency	Biannually	
Calibration	04/12/2014	04/12/2014
Calibration	04/06/2015	04/06/2015
Calibration	06/12/2015	06/12/2015
Last calibration	06/06/2016	06/06/2016
Validity	06/12/2016	06/12/2016

The WWW-3 Brine injection well was replaced on WWF-1 on 6 March 2015 as per well engineer's recommendation. The instruments used at WWW-1 are as follows;

WWF-1 Brine injection well

Tag number	FIT-978	PIT-787
Brand & Type	Bailey PTHD	Yokogawa EJX530A
Serial number	8G199096	8F195582
Accuracy class	0.08%	0.04%
Calibration frequency	Biannually	
Calibration	05/03/2015	05/03/2015
Calibration	04/06/2015	04/06/2015
Calibration	04/06/2016	04/06/2016
Calibration	04/12/2016	04/12/2016
Calibration	02/06/2017	02/06/2017
Last calibration	02/12/2017	02/12/2017
Validity	02/06/2018	02/06/2018

Refer to Annex 4 Monitoring Equipments for further details.

During this monitoring period, there were errors found during the calibration are as follows:

Tag Number	Calibration Date which error was found	Error Based on calibration record	Period where error calculation applied
A2FIT-0106	07/12/2016 05/06/2017	1.15% 0.125%	07/06/2016 – 07/12/2016 05/12/2016 – 05/06/2017
FIT-2301	05/06/2015	0.2250%	01/01/2015 – 05/06/2015
PIT-2302	05/06/2015	0.150%	01/01/2015 – 05/06/2015
FIT-2302	07/12/2015	0.2938%	07/06/2015 – 07/12/2015
PIT-2304	03/06/2017	0.1063%	03/12/2016 – 03/06/2017
FIT-2303	08/12/2015 08/06/2016	0.2125% 0.1375%	08/06/2015 – 08/12/2015 08/12/2015 – 08/06/2016
FIT-2304	08/12/2015	0.1563%	08/06/2015 - 08/12/2015
FIT-2305	09/12/2015	0.115%	09/06/2015 – 09/12/2015

Tag Number	Calibration Date which error was found	Error Based on calibration record	Period where error calculation applied
FIT-2501	03/06/2015 04/12/2015	0.1813% 0.4812%	03/01/2015 – 03/06/2015 04/06/2015 – 04/12/2015
FIT-2502	02/06/2015 03/06/2016	0.1387% 0.1049%	02/01/2015 – 02/06/2015 03/12/2015 – 03/06/2016
FIT-2503	01/06/2015 02/06/2016 02/12/2016	0.1186% 0.1249% 0.1001%	01/01/2015 – 01/06/2015 02/12/2015 – 02/06/2016 02/06/2016 – 02/12/2016
FIT-2504	02/06/2016	0.1211%	02/12/2015 – 02/06/2016
FIT-2505	30/05/2015 01/12/2017	0.1375% 1.1932%	01/01/2015 – 30/05/2015 01/06/2017 – 01/12/2017
FIT-501	02/06/2017 02/12/2017	0.4563% 0.1875%	02/12/2016 – 02/06/2017 02/06/2017 – 01/12/2017
FIT-980	06/12/2015 06/06/2016	0.1625% 0.3898%	06/06/2015 - 06/12/2015 06/12/2015 – 06/06/2016
FIT-978	05/03/2015 04/06/2016 02/06/2017	0.4039% 0.9063% 0.1437%	01/01/2015 – 05/03/2015 04/12/2015 – 04/06/2016 02/12/2016 – 02/06/2017
PIT- 787	04/12/2016	0.2937%	04/06/2016 – 04/12/2016

The error found was higher than maximum permissible error + 0.1%. The error based on calibration record was applied in the data for project emission calculation.

During this monitoring period, there were delays on the calibration of below flow meters.

Tag Number	Calibration Expiry date	Actual Calibration date	Period where error calculation applied
A2-FIT-0106	05/12/2015	07/12/2015	05/12/2015 – 07/12/2015

No error identified in the delayed calibration test. Based on the operational requirement from Wayang Windu, the error correction applied is the maximum permissible error for the flow meters' instruments which is 0.1%.

During this monitoring period, there were error in calibration for both Flow transmitter and Pressure Transmitter at the same period

Tag Number	Calibration Date which error was found	Error Based on calibration record	Period where error calculation applied
FIT-2301	05/06/2015	0.2250%	01/01/2015 – 05/06/2015
PIT-2302	05/06/2015	0.150%	01/01/2015 – 05/06/2015
FIT-2304	08/06/2016	0.1312%	08/12/2015 – 08/06/2016
PIT-2308	08/06/2016	0.1375%	08/12/2015 – 08/06/2016

For period when the delayed calibration on both Flow transmitter and Pressure Transmitter occurred. The error correction applied is calculated using Total Probable Error (TPE) equation as follows:

$$TPE = \sqrt{a^2 + b^2} \quad 1$$

Where:

a = error from Flow transmitter (FIT....) due to delay of calibration

b = error from Pressure transmitter (PIT...) due to delay of calibration

Measuring/ Reading/ Recording frequency:	Data is monitored continuously (polling of at least every second) and condensed to half hour values. Daily figures will be built according to the methodology by accumulation of data.
Calculation method (if applicable):	<p>In order to be conservative, the primary data will be taken from the higher values from either the upstream metering points or the downstream metering. In case steam is transferred from unit 1 steam fields for power generation at unit 2 the upstream figure will higher. In case steam from the new steam fields at unit 2 will be transferred to the power generator of unit 1 the downfield figure will be higher. Using the higher one of the two values ensures that project emissions, which are attributable to the capacity addition by unit 2, are clearly identified and accounted. Thus, the quantity of steam ($M_{s,y}$) is given by:</p> $M_{s,y} = \max((M_{sv,y} + M_{sb,y}), \sum_i M_{so,y})$
QA/QC procedures:	<p>Flow meters' instruments are calibrated using internal calibrator by SEG(WW)L EC&I Supervisor. The internal calibrator is calibrated every 2 years by accredited laboratory.</p> <p>In accordance to the SEG(WW)L internal procedure, calibration is to be conducted every 6 months</p> <p>Following the industry's practice, it is acceptable for the calibration to be conducted between 6 months to 1-year period from the last calibration date. The calibration procedure is described in the CDM monitoring manual and plant routine inspection procedure, the maximum permissible error is 0.1%.</p> <p>The internal calibrators are calibrated every 2 years by accredited laboratory. Detailed procedures are described in the CDM Monitoring Manual.</p>
Purpose of data:	Project emission calculation
Additional comment:	Details information about the calibration of the calibrators has been provided to the DOE.

Data / Parameter:	EG_y
Unit:	MWh
Description:	Electricity supplied by the project activity to the grid (total of net electricity generated by Wayang Windu Unit 1 and Unit 2)
Measured/ Calculated / Default:	Measured
Source of data:	<p>The reading of the electricity from the transaction meters from Wayang Windu Unit 1 and Unit 2.</p> <p>Primary data is sourced from the check kWh meters downloaded daily from the DCS.</p>
Value(s) of monitored parameter:	Refer to Annex 5 Daily Data Wayang Windu Unit 1 and Unit 2

Monitoring equipment:	<p>Wayang Windu 1 main kWh meter which is owned by PLN</p> <table border="1"> <tr><td>Serial number</td><td>MT-0809A063-01</td></tr> <tr><td>Accuracy class</td><td>0.2%</td></tr> <tr><td>Calibration frequency</td><td>Every 5 years</td></tr> <tr><td>Previous Calibration</td><td>10/10/2008</td></tr> <tr><td>Last calibration</td><td>27/08/2013</td></tr> <tr><td>Validity</td><td>27/08/2018</td></tr> </table> <p>Wayang Windu 1 check kWh meter which is owned by SEG(WW)L (primary data):</p> <table border="1"> <tr><td>Serial number</td><td>PT-0807A249-01</td></tr> <tr><td>Accuracy class</td><td>0.2%</td></tr> <tr><td>Calibration frequency</td><td>Every 2 years</td></tr> <tr><td>Calibration</td><td>06/01/2011</td></tr> <tr><td>Calibration</td><td>17/12/2012</td></tr> <tr><td>Calibration</td><td>02/12/2014</td></tr> <tr><td>Last calibration</td><td>22/08/2016</td></tr> <tr><td>Validity</td><td>22/08/2018</td></tr> </table> <p>Wayang Windu 2 main kWh meter which is owned by PLN:</p> <table border="1"> <tr><td>Serial number</td><td>MT-0806A388 – 01</td></tr> <tr><td>Accuracy class</td><td>0.2%</td></tr> <tr><td>Calibration frequency</td><td>Every 5 years</td></tr> <tr><td>Previous calibration</td><td>10/10/2008</td></tr> <tr><td>Last calibration</td><td>27/08/2013</td></tr> <tr><td>Validity</td><td>27/08/2018</td></tr> </table> <p>Wayang Windu 2 check kWh meter which is owned by SEG(WW)L (primary data):</p> <table border="1"> <tr><td>Serial number</td><td>PT-0802A194-01</td></tr> <tr><td>Accuracy class</td><td>0.2%</td></tr> <tr><td>Calibration frequency</td><td>Every 2 years</td></tr> <tr><td>Previous calibration</td><td>06/01/2011</td></tr> <tr><td>Calibration</td><td>17/12/2012</td></tr> <tr><td>Calibration</td><td>02/12/2014</td></tr> <tr><td>Last Calibration</td><td>22/08/2016</td></tr> <tr><td>Validity</td><td>22/08/2018</td></tr> </table> <p>Refer to Annex 4 Monitoring Equipments for further details</p>	Serial number	MT-0809A063-01	Accuracy class	0.2%	Calibration frequency	Every 5 years	Previous Calibration	10/10/2008	Last calibration	27/08/2013	Validity	27/08/2018	Serial number	PT-0807A249-01	Accuracy class	0.2%	Calibration frequency	Every 2 years	Calibration	06/01/2011	Calibration	17/12/2012	Calibration	02/12/2014	Last calibration	22/08/2016	Validity	22/08/2018	Serial number	MT-0806A388 – 01	Accuracy class	0.2%	Calibration frequency	Every 5 years	Previous calibration	10/10/2008	Last calibration	27/08/2013	Validity	27/08/2018	Serial number	PT-0802A194-01	Accuracy class	0.2%	Calibration frequency	Every 2 years	Previous calibration	06/01/2011	Calibration	17/12/2012	Calibration	02/12/2014	Last Calibration	22/08/2016	Validity	22/08/2018
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Last Calibration	22/08/2016																																																								
Validity	22/08/2018																																																								
Measuring/ Reading/ Recording frequency:	The meter reading is recorded every half hourly and recorded automatically at load profile at the transaction kWh meters.																																																								
Calculation method (if applicable):	N/A																																																								
QA/QC procedures:	<p>Based on the Standard Operating Procedure of Metering System of PT PLN (Persero) P3B – Jawa Bali revision A, the data from the main meter and the check meter are compared on the monthly basis and any differences greater than 0.4% (the maximum difference of the main meter of 0.2 class and check meter of 0.2 class) will be investigated further. During this monitoring period, the difference between the data from main meter and check meter has never achieved a difference exceeding 0.4% and therefore is considered acceptable.</p> <p>Primary data (data applied to the CERs calculation) is sourced from the check meter.</p> <p>Refer to Annex 6 Main Meter and Check Meter Measurement.</p> <p>The data is double-checked with the records of the electricity transaction.</p> <p>Detailed procedures are described in the CDM Monitoring Manual.</p>																																																								
Purpose of data:	Baseline emission calculation																																																								
Additional comment:	-																																																								

Data / Parameter:	EG_{existing,y}																												
Unit:	MWh																												
Description:	Electricity supplied by the existing power generation unit to the grid (total of net electricity generated by Wayang Windu Unit 1)																												
Measured/ Calculated / Default:	Measured																												
Source of data:	The reading of the electricity from the transaction meters from Wayang Windu Unit 1. Primary data is sourced from the check kWh meters.																												
Value(s) of monitored parameter:	Refer to Annex 5 Daily Data Wayang Windu Unit 1																												
Monitoring equipment:	<p>Wayang Windu 1 main kWh meter which is owned by PLN</p> <table border="1"> <tr><td>Serial number</td><td>MT-0809A063-01</td></tr> <tr><td>Accuracy class</td><td>0.2%</td></tr> <tr><td>Calibration frequency</td><td>Every 5 years</td></tr> <tr><td>Calibration</td><td>10/10/2008</td></tr> <tr><td>Last calibration</td><td>27/08/2013</td></tr> <tr><td>Validity</td><td>27/08/2018</td></tr> </table> <p>Wayang Windu 1 check kWh meter which is owned by SEG(WW)L (primary data):</p> <table border="1"> <tr><td>Serial number</td><td>PT-0807A249-01</td></tr> <tr><td>Accuracy class</td><td>0.2%</td></tr> <tr><td>Calibration frequency</td><td>Every 2 years</td></tr> <tr><td>Calibration</td><td>06/01/2011</td></tr> <tr><td>Calibration</td><td>17/12/2012</td></tr> <tr><td>Last calibration</td><td>02/12/2014</td></tr> <tr><td>Last calibration</td><td>22/08/2016</td></tr> <tr><td>Validity</td><td>22/08/2018</td></tr> </table> <p>Refer to Annex 4 Monitoring Equipment for further details</p>	Serial number	MT-0809A063-01	Accuracy class	0.2%	Calibration frequency	Every 5 years	Calibration	10/10/2008	Last calibration	27/08/2013	Validity	27/08/2018	Serial number	PT-0807A249-01	Accuracy class	0.2%	Calibration frequency	Every 2 years	Calibration	06/01/2011	Calibration	17/12/2012	Last calibration	02/12/2014	Last calibration	22/08/2016	Validity	22/08/2018
Serial number	MT-0809A063-01																												
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Serial number	PT-0807A249-01																												
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Measuring/ Reading/ Recording frequency:	The meter reading is recorded every half hourly and recorded automatically at load profile at the transaction kWh meters.																												
Calculation method (if applicable):	N/A																												
QA/QC procedures:	<p>Based on the Standard Operating Procedure of Metering System of PT PLN (Persero) P3B – Jawa Bali revision A, the data from the main meter and the check meter are compared on the monthly basis and any differences greater than 0.4% (the maximum difference of the main meter of 0.2 class and check meter of 0.2 class) will be investigated further. During this monitoring period, the difference between the data from main meter and check meter has never achieved a difference exceeding 0.4% and therefore is considered acceptable. Primary data (data applied to the CERs calculation) is sourced from the check meter.</p> <p>Refer to Annex 6 Main Meter and Check Meter Measurement.</p> <p>The data is double-checked with the records of the electricity transaction. Detailed procedures are described in the CDM Monitoring Manual.</p>																												
Purpose of data:	Baseline emission calculation																												
Additional comment:	-																												

Data / Parameter:	PE_{FC,i,y}
Unit:	tCO ₂ /yr
Description:	CO ₂ emissions from fossil fuel combustion in the operation of the power plant (diesel genset and fire pump)

Measured/ Calculated / Default:	Calculated
Source of data:	Calculated according to the procedure outlined in the 'Tool to calculate project or leakage CO ₂ emissions from fossil fuel combustion'
Value(s) of monitored parameter:	46.80
Monitoring equipment:	N/A
Measuring/ Reading/ Recording frequency:	Calculated on the monthly basis
Calculation method (if applicable):	N/A
QA/QC procedures:	Detailed procedures are described in the CDM Monitoring Manual
Purpose of data:	Project emission calculation
Additional comment:	-

Data / Parameter:	FC_{i,j,y}
Unit:	Ton/yr
Description:	Quantity of diesel fuel combusted in power plant operation during the year y
Measured/ Calculated / Default:	Measured
Source of data:	Measurement of diesel fuel consumption for emergency genset and fire pump multiplied with the national data of the diesel fuel density. Readings from the flowmeter at the inlet of the daily tank for emergency genset and readings from the flowmeter at the inlet diesel tank for the fire pump are recorded during the first week of the month.
Value(s) of monitored parameter:	14.64

Monitoring equipment:	<p>Flowmeter at the inlet of the daily tank for the diesel fuel consumption for emergency gen-set</p> <p>Tokico</p> <table border="1"> <tr><td>Tag number</td><td>AO-FQ-2033</td></tr> <tr><td>Serial Number</td><td>LL60223</td></tr> <tr><td>Accuracy class</td><td>0.5%</td></tr> <tr><td>Calibration frequency</td><td>Annually</td></tr> <tr><td>Calibration</td><td>10/09/2014</td></tr> <tr><td>Calibration</td><td>10/09/2015</td></tr> <tr><td>Calibration</td><td>15/09/2016</td></tr> <tr><td>Last calibration</td><td>15/09/2017</td></tr> <tr><td>Validity</td><td>15/09/2018</td></tr> </table> <p>Tokico</p> <table border="1"> <tr><td>Tag Number</td><td>AO-FQ-2032</td></tr> <tr><td>Serial Number</td><td>LL60217</td></tr> <tr><td>Accuracy class</td><td>0.5%</td></tr> <tr><td>Calibration frequency</td><td>Annually</td></tr> <tr><td>Calibration</td><td>10/09/2014</td></tr> <tr><td>Calibration</td><td>10/09/2015</td></tr> <tr><td>Calibration</td><td>15/09/2016</td></tr> <tr><td>Last calibration</td><td>15/09/2017</td></tr> <tr><td>Validity</td><td>15/09/2018</td></tr> </table>	Tag number	AO-FQ-2033	Serial Number	LL60223	Accuracy class	0.5%	Calibration frequency	Annually	Calibration	10/09/2014	Calibration	10/09/2015	Calibration	15/09/2016	Last calibration	15/09/2017	Validity	15/09/2018	Tag Number	AO-FQ-2032	Serial Number	LL60217	Accuracy class	0.5%	Calibration frequency	Annually	Calibration	10/09/2014	Calibration	10/09/2015	Calibration	15/09/2016	Last calibration	15/09/2017	Validity	15/09/2018
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Last calibration	15/09/2017																																				
Validity	15/09/2018																																				
Measuring/ Reading/ Recording frequency:	The data is collected monthly																																				
Calculation method (if applicable):	N/A																																				
QA/QC procedures:	The consistency of measured diesel fuel consumption quantities was cross-checked by an annual energy balance that was based on engine specification fuel consumption (emergency genset and fire pump) and the working hour																																				
Purpose of data:	Project emission calculation																																				

Data / Parameter:	NCV_{i,y}
Unit:	GJ/ton
Description:	Weighted average net calorific value of diesel fuel in year y
Measured/ Calculated / Default:	Default
Source of data:	National value (Pertamina handbook – Bahan Bakar Minyak Elpiji dan BBG)
Value(s) of monitored parameter:	42.73
Monitoring equipment:	N/A
Measuring/ Reading/ Recording frequency:	The value is recorded annually
Calculation method (if applicable):	N/A
QA/QC procedures:	Detailed procedures are described in the CDM Monitoring Manual
Purpose of data:	Project emission calculation

Additional comment:	-
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Data / Parameter:	EF_{CO₂,i,y}
Unit:	tCO ₂ /GJ
Description:	Weighted average CO ₂ emission factor of diesel fuel in year y
Measured/ Calculated / Default:	Default
Source of data:	IPCC default values at the upper limit of the uncertainty at 95% confidence interval as provided in Table 1.2 of Chapter 1 Vol.2 (Energy) of the 2006 IPCC Guidelines on National GHG Inventories
Value(s) of monitored parameter:	0.0748
Monitoring equipment:	N/A
Measuring/ Reading/ Recording frequency:	The value is recorded annually
Calculation method (if applicable):	N/A
QA/QC procedures:	Detailed procedures are described in the CDM Monitoring Manual
Purpose of data:	Project emission calculation
Additional comment:	-

TEGy (Total electricity produced by the project activity, including the electricity supplied to the grid and the electricity supplied to internal loads, in year y) is not monitored for the project activity. Based on ACM0002 ver 9, TEGy is only applicable to be monitored for hydro power plants and is not a requirement for geothermal power plants.

D.3. Implementation of sampling plan

>>

Not applicable for this project activity

SECTION E. Calculation of emission reductions or net anthropogenic removals

E.1. Calculation of baseline emissions or baseline net removals

>>

The formula used for determination of the baseline emissions are described in section B.6.1 of the Project Design Document v3 dated 02/12/2010, and available upon the UNFCCC website (<http://cdm.unfccc.int/Projects/DB/TUEV-SUED1260194062.48/view>).

Baseline emissions are calculated as follows:

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

Where:

BE_y = Baseline emission in year y (tCO₂/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).
For new power plants this value is taken as zero

$EF_{grid,CM,y}$ = Combined margin CO₂ emission factor for grid connected power generation in year y (calculated by using “tool to calculate the emission factor for an electricity system version 01.1”)

The project activity is the installation of additional power units at an existing grid-connected renewable power plant:

$EG_{baseline} = MAX (EG_{historical} , EG_{existing,y}), \text{ until } DATE_{BaselineRetrofit}$

$EG_{baseline} = EG_y, \text{ on/after } DATE_{BaselineRetrofit}$

Where:

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

$EG_{historical}$ = Average of historical electricity delivered by the existing facility to the grid (MWh)

$EG_{existing,y}$ = Electricity supplied by the existing grid-connected power plant (MWh)

$DATE_{BaselineRetrofit}$ = Point in time when the existing equipment would need to be replaced in the absence of the project activity (date)

Calculation of $EG_{historical}$

$EG_{historical}$ was calculated based on the historical electricity delivered by Wayang Windu Phase 1 from the start of its operation in June 2000 up to February 2009, i.e. 912,476 MWh/year

Calculation of $DATE_{BaselineRetrofit}$

The technical lifetime of the existing facility, i.e. Wayang Windu Phase 1, in the absence of the project activity is taken to be 30 years. This is a conservative number, considering many of the power plants in Indonesia are operated even after its technical lifetime.

Wayang Windu 1 started operation in June 2000, hence the $DATE_{BaselineRetrofit}$ is 01/06/2030.

$EF_{grid,CM,y}$

The value applied is 0.891 tCO₂/yr based on ex-ante calculation in the registered PDD.

Monitored Baseline Emission Calculation

EG^2	Electricity supplied by the project activity to the grid	4,788,622.24	MWh
$EG_{existing}^3$	Monitored	2,393,727.90	MWh
Duration Monitoring Period	01/01/2015 – 1/12/2017	1065	Days
$EG_{historical,y}$	Yearly average of historical electricity delivered by the existing facility to the grid	912,476	MWh
$EG_{historical,MP}$	1065/365*912,476	2,662,429.97	MWh

² Refer to Annex 5 for daily generation data from Wayang Windu Phase 1 and Wayang Windu Phase 2 geothermal power project

³ Refer to Annex 5 for daily generation data from Wayang Windu Phase 1 geothermal power project

$EG_{baseline}$	$MAX (EG_{historical,MP} , EG_{existing,MP})$	2,662,429.97	MWh
$EG - EG_{baseline}$		2,126,192.26	MWh
BE	$(EG - EG_{baseline}) \cdot EF_{grid,CM,y}$	1,893,374	t CO ₂ e

E.2. Calculation of project emissions or actual net removals

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The formula used for determination of the project emissions are described in section B.6.1 of the Project Design Document v3 dated 02/12/2010, and available upon the UNFCCC website (<http://cdm.unfccc.int/Projects/DB/TUEV-SUED1260194062.48/view>).

Project emissions are calculated as follows:

$$PE_y = PES_y + PEFF_y$$

Where:

PE_y = Project emission in year y (tCO₂/yr)

PES_y = Project emission of CH₄ and CO₂ due to the release of non-condensable gases from the stream produced in geothermal power plant in year y (tCO₂/yr)

$PEFF_y$ = Project emission from combustion of fossil fuels related to the operation of the geothermal power plant in year y (tCO₂/yr)

Project emission of CO₂ and CH₄ due to the release of non-condensable gases from the steam produced in the geothermal power plant is calculated as:

$$PES_y = (\omega_{main,CO_2} + \omega_{main,CH_4} \cdot GWP_{CH_4}) \cdot M_{S,y}$$

Where:

PES_y = Project emission of CH₄ and CO₂ due to the release of non-condensable gases from the stream produced in geothermal power plant in year y (tCO₂/yr)

ω_{main,CO_2} = Average mass fraction of CO₂ in the produced steam (non-dimensional)

ω_{main,CH_4} = Average mass fraction of CH₄ in the produced steam (non-dimensional)

GWP_{CH_4} = Global warming potential of CH₄ valid for the relevant commitment period (tCO₂/tCH₄)

$M_{S,y}$ = Quantity of steam produced during the year y (tonnes)

Project emissions from combustion of fossil fuel related to the operation of geothermal power plant is calculated as:

$$PEFF_y = PE_{FC,j,y}$$

Where:

$PEFF_y$ = Project emission from combustion of fossil fuels related to the operation of the geothermal power plant in year y (tCO₂/yr)

$PE_{FC,j,y}$ = CO₂ emissions from fossil fuel combustion in process j during the year y (tCO₂/yr). This parameter will be calculated by the "tool to calculate project or leakage CO₂ emissions from fossil fuel combustion version 02"

$$PE_{FC,j,y} = \sum FC_{diesel,j,y} \cdot COEF_{i,y}$$

Where:

$FC_{diesel,j,y}$ = Quantity of diesel combusted in emergency genset and fire pump multiplied with the national data of the diesel fuel density (ton)

$COEF_{i,y}$ = CO₂ emission coefficient of diesel fuel (tCO₂/ton)

$COEF_{i,y}$ is calculated based on net calorific value and CO₂ emission factor of diesel fuel, as follows:

$$COEF_{i,y} = NCV_{diesel,y} \cdot EF_{CO2,diesel,y}$$

Where:

$NCV_{diesel,y}$ = Weighted average net calorific value of diesel fuel in year y (Values provided by the fuel supplier, or regional or national average default values, or IPCC default values at the upper limit of the uncertainty at a 95% confidence interval as provided in Table 1.2 of Chapter 1 of Vol.2 (Energy) of the 2006 IPCC Guidelines on National GHG Inventories) (GJ/ton)

$EF_{CO2,diesel,y}$ = Weighted average CO₂ emission factor of diesel fuel in year y (Values provided by the fuel supplier, or regional or national average default values, or IPCC default values at the upper limit of the uncertainty at a 95% confidence interval as provided in Table 1.2 of Chapter 1 of Vol.2 (Energy) of the 2006 IPCC Guidelines on National GHG Inventories) (tCO₂/GJ)

Monitored Project Emission

Fuel consumption by meter diesel:

Period	EDG (liters)	Fire Pump (liters)	Total Diesel Consumption [liters]
01/01/2015 - 31/01/2015	0	0	0
01/02/2015 - 28/02/2015	657	100	757
01/03/2015 - 31/03/2015	324	52	376
01/04/2015 - 30/04/2015	430	50	480
01/05/2015 - 31/05/2015	105	50	155
01/06/2015 - 30/09/2015	3429	198	3627
01/10/2015 - 31/10/2015	290	50	340
01/11/2015 - 30/11/2015	380	50	430
01/12/2015 - 31/12/2015	350	50	400
01/01/2016 - 31/01/2016	0	0	0
01/02/2016 - 29/02/2016	770	50	820
01/03/2016 - 31/03/2016	398	150	548
01/04/2016 - 30/04/2016	376	50	426
01/05/2016 - 31/05/2016	356	50	406
01/06/2016 - 30/06/2016	430	125	555
01/07/2016 - 31/07/2016	60	50	110
01/08/2016 - 31/08/2016	580	205	785
01/09/2016 - 30/09/2016	450	200	650
01/10/2016 - 31/10/2016	499	0	499
01/11/2016 - 30/11/2016	400	0	400
01/12/2016 - 31/12/2016	111	0	111
01/01/2017 - 31/01/2017	465	50	515
01/02/2017 - 28/02/2017	346	60	406
01/03/2017 - 31/03/2017	380	37.4	417
01/04/2017 - 30/04/2017	346	60	406
01/05/2017 - 31/05/2017	404	49	453
01/06/2017 - 30/06/2017	321	50	371
01/07/2017 - 31/07/2017	324	96	420
01/08/2017 - 31/08/2017	428	104	532
01/09/2017 - 30/09/2017	336	50	386
01/10/2017 - 31/10/2017	0	222	222

01/11/2017 - 30/11/2017	768	56	824
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Fuel consumption by annual energy balance:

Year	Diesel Consumption [litres]
2015	13,505
2016	8,880
2017	8,737
Total	31,122

According to the registered PDD, the consistency of metered diesel fuel consumption quantities will be crosschecked by an annual energy balance that is based on engine specification fuel consumption and the working hour.

From the comparison, it was found the recorded fuel consumed is lower than the energy balance for fuel consumed by standby engine and fire pump engine. Therefore, to be conservative fuel consumption quantities for this monitoring period will be taken from the annual energy balance.

$\sum FC_{\text{diesel}}$	$\sum FC_{\text{diesel},j} \cdot \rho_{\text{diesel},j}^4$	26.76	t
$PEFF$	$\sum FC_{\text{diesel},j,y} \cdot NCV_{\text{diesel},y} \cdot EF_{CO_2,\text{diesel},y}^5$	46.80	t CO ₂ e
PES_y	$(\omega_{\text{main},CO_2} + \omega_{\text{main},CH_4} \cdot GWP_{CH_4}) \cdot M_{S,y}^6$	214,881.74	t CO ₂ e
PE	$PES_y + PEFF_y$	214,929	t CO₂e

E.3. Calculation of leakage emissions

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Since ACM0002 version 9 does not consider the emission due to power plant construction and fuel handlings, no leakage is considered ($L_y = 0$).

E.4. Calculation of emission reductions or net anthropogenic removals

	Baseline GHG emissions or baseline net GHG removals (t CO ₂ e)	Project GHG emissions or actual net GHG removals (t CO ₂ e)	Leakage GHG emissions (t CO ₂ e)	GHG emission reductions or net anthropogenic GHG removals (t CO ₂ e)		
				Before 01/01/2013	From 01/01/2013	Total amount
Total	1,893,374	214,929	0	N/A	1,678,445	1,678,445

⁴Diesel density, Source: national value of 0.87 kg/Litre (Pertamina handbook – Bahan Bakar Minyak Elpiji dan BBG). Fossil fuel consumption is recorded on the monthly basis.

⁵ Diesel net calorific value, Source: Source: Bahan Bakar Minyak ELPIJI dan BBG of 42.73 GJ/ton. Diesel effective CO₂ emission factor, Source: IPCC default values at the upper limit of the uncertainty at a 95% confidence interval as provided in Table 1.2 of Chapter 1 of Vol.2 (Energy) of the 2006 IPCC Guidelines on National GHG Inventories of 0.0748 tCO₂/GJ

⁶ Refer to Annex 5 for daily steam data from Wayang Windu Phase 2 geothermal power project. PES is recorded on the daily basis

E.5. Comparison of emission reductions or net anthropogenic removals achieved with estimates in the registered PDD

Amount achieved during this monitoring period (t CO ₂ e)	Amount estimated ex ante (t CO ₂ e)
1,678,445	2,319,167

E.6. Remarks on increase in achieved emission reductions

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The amount of emission reductions achieved is lower than the amount estimated ex-ante.

Appendix 1. Contact information of project participants and responsible persons/ entities

Project participant and/or responsible person/ entity	<input checked="" type="checkbox"/> Project participant <input checked="" type="checkbox"/> Responsible person/ entity for completing the CDM-MR-FORM
Organization name	Sindicatum Carbon Capital Ltd
Street/P.O. Box	80 Anson Road
Building	#28-02 Fuji Xerox Towers
City	
State/Region	
Postcode	
Country	Singapore
Telephone	+65 6578 9285
Fax	+65 6732 9767
E-mail	jay.mariyappan@sindicatum.com
Website	
Contact person	
Title	Managing Director
Salutation	Mr
Last name	Mariyappan
Middle name	
First name	Jay
Department	
Mobile	+65 97110002
Direct fax	
Direct tel.	
Personal e-mail	

Annex 1
Downtime and Shutdown Records

Planned Outage (PO)	The removal of a unit from service to perform work on specific components that is scheduled well in advance and has a predetermined start date and duration (e.g., annual overhaul, inspections, testing).
Maintenance Outage (MO)	The removal of a unit from service to perform work on specific components that can be deferred beyond the end of the next weekend, but requires the unit be removed from service before the next planned outage. Typically, MOs may occur any time during the year, have flexible start dates, and may or may not have predetermined durations.
Forced Outage (FO)	An unplanned component failure (immediate, delayed, postponed, start-up failure) or other condition that requires the unit be removed from service immediately, within six hours, or before the end of the next weekend.

WW Unit# 2 Un-Availability State								
NO	DESYNCRONIZED		SYNCHRONIZED		TOTAL	TOTAL	State	UN-AVAILABILITY
	DATE	TIME	DATE	TIME	HOURS	GENERATION LOST (MWh)		CAUSED
								DOCUMENT REFERENCE

1	05 May 2015	14:49	07 Sep 2015	2:36	2987:47	339,131.3	Forced Outage (FO)	Turbine trip due to landslide	
2	07 Sep 2015	6:37	07 Sep 2015	8:37	2:00	227.0	Maintenance Outage (MO)	Turbine Trip manually for Mechanical Over Speed Test	
3	23 Dec 2015	20:57	26 Dec 2015	22:26	73:29	8,379.2	Planned Outage (PO)	Tie in piping 48"	
4	11 May 2017	11:38	11 May 2017	14:28	2:50	323.1	Force Outage (FO)	Mechanical overspeed active after weekly overspeed test (oil trip test device test) false signal false signal from Mechanical overspeed relay.	
5	28 May 2017	17:48	28 May 2017	19:18	1:30	171.0	Force Outage (FO)	false signal from Mechanical overspeed relay.	
6	26 Nov 2017	6:16	26 Nov 2017	11:27	5:11	624.0	Reserve Shutdown (RS)	OMC - PLN Switchyard maintenance (work canceled due to rainfall)	
7	17 Dec 2017	5:58	17 Dec 2017	12:48	6:50	770.6	Reserve Shutdown (RS)	OMC - PLN Switchyard maintenance	

WW Unit#1 Un-Availability State

NO	DESYNCRONIZED		SYNCHRONIZED		TOTAL HOURS	TOTAL GENERATION LOST (MWh)	State	UN-AVAILABILITY CAUSED	DOCUMENT REFERENCE
	DATE	TIME	DATE	TIME					
1	5-May-15	14:53	9-Sep-15	3:19	12:26	340,924.7	Forced Outage (FO)	Turbine Trip due to Landslide	
2	9-Sep-15	6:47	9-Sep-15	8:42	1:55	215.2	Maintenance Outage (MO)	Turbine Trip manually for Mechanical Over Speed Test	
3	16-Feb-16	11:32	17-Feb-16	9:19	21:47	2,452.2	Forced Outage (FO)	Turbine Tripped by activation of Jansen Relay at Tap Changer Main Trafo	
4	5-Mar-16	4:45	5-Mar-16	16:09	11:24	1,283.3	Maintenance Outage (MO)	Bushing Clamp repairment	
5	19-Nov-17	6:16	19-Nov-17	13:58	7:42	852.5	Reserve Shutdown (RS)	OMC - PLN Switchyard maintenance	

Annex 2**List of Relevant Operation and Maintenance Procedures**

FIT Routine & Venture Inspection Procedures
 Routine Operation Procedures
 Metering System Operation, Maintenance and Calibration
 QA/QC Laboratory Analysis & Utilities Procedures
 Gas Sampling Procedures

Annex 3

Daily steam production data from Wayang Windu Phase 2 geothermal power project (M_s), Daily steam generation data measured by Venturi flowmeter ($M_{sv,y}$), Daily losses of brine at the steam separator ($M_{sb,y}$), Daily steam generation data measured by Orifice plates ($M_{so,y}$) during Monitoring Period

Date	$M_{so,i,y}$ Wells	$M_{sb,y}$ Brine	$M_{sv,y}$ Main steam	$M_{sb,y} + M_{sv,y}$ Brine+Main Steam	$M_{s,conservative}$ Wells/Brine+Main Steam	M_s Tons
1-Jan-15	16750.41	4608.00	17980.00	22588.00	Brine+Main Steam	22,588.00
2-Jan-15	16708.38	4698.31	18600.00	23298.31	Brine+Main Steam	23,298.31
3-Jan-15	16687.71	4646.44	18610.00	23256.44	Brine+Main Steam	23,256.44
4-Jan-15	16642.76	4551.00	18730.00	23281.00	Brine+Main Steam	23,281.00
5-Jan-15	16597.13	4580.25	18490.00	23070.25	Brine+Main Steam	23,070.25
6-Jan-15	16559.79	4676.81	18130.00	22806.81	Brine+Main Steam	22,806.81
7-Jan-15	16451.33	4646.31	18590.00	23236.31	Brine+Main Steam	23,236.31
8-Jan-15	16355.68	5202.38	18770.00	23972.38	Brine+Main Steam	23,972.38
9-Jan-15	16336.16	4723.00	18800.00	23523.00	Brine+Main Steam	23,523.00
10-Jan-15	16434.57	4900.00	18770.00	23670.00	Brine+Main Steam	23,670.00
11-Jan-15	16469.05	4909.13	18310.00	23219.13	Brine+Main Steam	23,219.13
12-Jan-15	16404.90	4937.31	18170.00	23107.31	Brine+Main Steam	23,107.31
13-Jan-15	16383.49	4609.19	17190.00	21799.19	Brine+Main Steam	21,799.19
14-Jan-15	16244.66	4772.13	16420.00	21192.13	Brine+Main Steam	21,192.13
15-Jan-15	16219.63	4799.38	17760.00	22559.38	Brine+Main Steam	22,559.38
16-Jan-15	16304.07	4651.81	16220.00	20871.81	Brine+Main Steam	20,871.81

17-Jan-15	16313.96	4756.31	17190.00	21946.31	Brine+Main Steam	21,946.31
18-Jan-15	16148.00	4557.75	18200.00	22757.75	Brine+Main Steam	22,757.75
19-Jan-15	16084.51	4671.13	18830.00	23501.13	Brine+Main Steam	23,501.13
20-Jan-15	15977.27	4679.63	18800.00	23479.63	Brine+Main Steam	23,479.63
21-Jan-15	15943.40	4625.50	18790.00	23415.50	Brine+Main Steam	23,415.50
22-Jan-15	15903.09	4565.69	18750.00	23315.69	Brine+Main Steam	23,315.69
23-Jan-15	15905.42	4433.38	18850.00	23283.38	Brine+Main Steam	23,283.38
24-Jan-15	14811.62	4548.13	18840.00	23388.13	Brine+Main Steam	23,388.13
25-Jan-15	15858.28	4546.50	18750.00	23296.50	Brine+Main Steam	23,296.50
26-Jan-15	15860.82	4270.00	18800.00	23070.00	Brine+Main Steam	23,070.00
27-Jan-15	15752.30	4834.88	16390.00	21224.88	Brine+Main Steam	21,224.88
28-Jan-15	15775.10	4531.31	18380.00	22911.31	Brine+Main Steam	22,911.31
29-Jan-15	15621.83	4454.81	18740.00	23194.81	Brine+Main Steam	23,194.81
30-Jan-15	15743.54	4558.56	18840.00	23398.56	Brine+Main Steam	23,398.56
31-Jan-15	15716.04	4450.25	18810.00	23260.25	Brine+Main Steam	23,260.25
1-Feb-15	15592.50	4431.06	18840.00	23271.06	Brine+Main Steam	23,271.06
2-Feb-15	15687.46	4418.50	18830.00	23248.50	Brine+Main Steam	23,248.50
3-Feb-15	15674.04	4356.44	18760.00	23116.44	Brine+Main Steam	23,116.44
4-Feb-15	15580.70	4469.19	18630.00	23099.19	Brine+Main Steam	23,099.19
5-Feb-15	15568.60	4584.31	18630.00	23214.31	Brine+Main Steam	23,214.31
6-Feb-15	15559.39	4437.38	18260.00	22697.38	Brine+Main Steam	22,697.38
7-Feb-15	15176.11	4712.19	16070.00	20782.19	Brine+Main Steam	20,782.19
8-Feb-15	15241.22	4744.69	18330.00	23074.69	Brine+Main Steam	23,074.69
9-Feb-15	15505.21	4589.75	18500.00	23089.75	Brine+Main Steam	23,089.75
10-Feb-15	14577.21	4495.56	17250.00	21745.56	Brine+Main Steam	21,745.56
11-Feb-15	14563.52	4533.19	16960.00	21493.19	Brine+Main Steam	21,493.19
12-Feb-15	14537.58	4433.31	18000.00	22433.31	Brine+Main Steam	22,433.31
13-Feb-15	14509.94	4327.44	17300.00	21627.44	Brine+Main Steam	21,627.44
14-Feb-15	14502.95	4470.06	17800.00	22270.06	Brine+Main Steam	22,270.06
15-Feb-15	14489.59	4409.81	18550.00	22959.81	Brine+Main Steam	22,959.81
16-Feb-15	16253.59	4611.69	18390.00	23001.69	Brine+Main Steam	23,001.69
17-Feb-15	14369.42	4727.63	17500.00	22227.63	Brine+Main Steam	22,227.63
18-Feb-15	14380.70	4811.06	16810.00	21621.06	Brine+Main Steam	21,621.06
19-Feb-15	14344.32	4827.00	16830.00	21657.00	Brine+Main Steam	21,657.00
20-Feb-15	14328.20	7014.50	18200.00	25214.50	Brine+Main Steam	25,214.50
21-Feb-15	14340.49	7570.75	18560.00	26130.75	Brine+Main Steam	26,130.75
22-Feb-15	14347.38	7475.19	18550.00	26025.19	Brine+Main Steam	26,025.19

23-Feb-15	16610.87	7460.88	18800.00	26260.88	Brine+Main Steam	26,260.88
24-Feb-15	16676.71	7402.19	18440.00	25842.19	Brine+Main Steam	25,842.19
25-Feb-15	16758.60	7351.00	18840.00	26191.00	Brine+Main Steam	26,191.00
26-Feb-15	14023.01	7269.75	18820.00	26089.75	Brine+Main Steam	26,089.75
27-Feb-15	14049.04	7191.75	17660.00	24851.75	Brine+Main Steam	24,851.75
28-Feb-15	14020.67	7165.94	18250.00	25415.94	Brine+Main Steam	25,415.94
1-Mar-15	14010.43	7150.56	18850.00	26000.56	Brine+Main Steam	26,000.56
2-Mar-15	14021.17	7174.44	18730.00	25904.44	Brine+Main Steam	25,904.44
3-Mar-15	14006.57	7110.81	18730.00	25840.81	Brine+Main Steam	25,840.81
4-Mar-15	17059.82	7139.25	18840.00	25979.25	Brine+Main Steam	25,979.25
5-Mar-15	17110.45	7098.00	18850.00	25948.00	Brine+Main Steam	25,948.00
6-Mar-15	17104.43	6860.16	18850.00	25710.16	Brine+Main Steam	25,710.16
7-Mar-15	17116.64	6908.25	18840.00	25748.25	Brine+Main Steam	25,748.25
8-Mar-15	17101.24	6898.06	18850.00	25748.06	Brine+Main Steam	25,748.06
9-Mar-15	17080.84	6872.51	18840.00	25712.51	Brine+Main Steam	25,712.51
10-Mar-15	17174.73	6982.47	18850.00	25832.47	Brine+Main Steam	25,832.47
11-Mar-15	17216.51	6867.35	18840.00	25707.35	Brine+Main Steam	25,707.35
12-Mar-15	17179.33	7037.52	18840.00	25877.52	Brine+Main Steam	25,877.52
13-Mar-15	17171.40	6995.54	18850.00	25845.54	Brine+Main Steam	25,845.54
14-Mar-15	17159.80	6851.39	18840.00	25691.39	Brine+Main Steam	25,691.39
15-Mar-15	17102.96	6935.79	18840.00	25775.79	Brine+Main Steam	25,775.79
16-Mar-15	17023.70	6919.07	18850.00	25769.07	Brine+Main Steam	25,769.07
17-Mar-15	16771.26	6946.43	18840.00	25786.43	Brine+Main Steam	25,786.43
18-Mar-15	16608.67	7038.06	18850.00	25888.06	Brine+Main Steam	25,888.06
19-Mar-15	16987.45	7118.79	18840.00	25958.79	Brine+Main Steam	25,958.79
20-Mar-15	16976.27	7021.16	18850.00	25871.16	Brine+Main Steam	25,871.16
21-Mar-15	16885.78	7117.41	18800.00	25917.41	Brine+Main Steam	25,917.41
22-Mar-15	16857.09	7261.96	18850.00	26111.96	Brine+Main Steam	26,111.96
23-Mar-15	16861.72	7205.28	18840.00	26045.28	Brine+Main Steam	26,045.28
24-Mar-15	16837.34	6841.60	18850.00	25691.60	Brine+Main Steam	25,691.60
25-Mar-15	16807.98	6992.84	18840.00	25832.84	Brine+Main Steam	25,832.84
26-Mar-15	16811.90	6988.26	18850.00	25838.26	Brine+Main Steam	25,838.26
27-Mar-15	16747.62	6830.83	18840.00	25670.83	Brine+Main Steam	25,670.83
28-Mar-15	16706.95	6989.63	18850.00	25839.63	Brine+Main Steam	25,839.63
29-Mar-15	16668.16	6935.86	18680.00	25615.86	Brine+Main Steam	25,615.86

30-Mar-15	16627.55	7039.74	18850.00	25889.74	Brine+Main Steam	25,889.74
31-Mar-15	16673.53	7013.45	18840.00	25853.45	Brine+Main Steam	25,853.45
1-Apr-15	16683.74	7134.20	18820.00	25954.20	Brine+Main Steam	25,954.20
2-Apr-15	16653.65	7017.33	18850.00	25867.33	Brine+Main Steam	25,867.33
3-Apr-15	16609.43	7016.12	18840.00	25856.12	Brine+Main Steam	25,856.12
4-Apr-15	16556.16	7077.94	18850.00	25927.94	Brine+Main Steam	25,927.94
5-Apr-15	16512.80	6861.37	18850.00	25711.37	Brine+Main Steam	25,711.37
6-Apr-15	16472.07	6929.57	18840.00	25769.57	Brine+Main Steam	25,769.57
7-Apr-15	16468.13	6813.95	18850.00	25663.95	Brine+Main Steam	25,663.95
8-Apr-15	16456.58	6879.36	18840.00	25719.36	Brine+Main Steam	25,719.36
9-Apr-15	16430.66	6890.18	18850.00	25740.18	Brine+Main Steam	25,740.18
10-Apr-15	16449.70	6803.73	18850.00	25653.73	Brine+Main Steam	25,653.73
11-Apr-15	16391.34	6886.50	18840.00	25726.50	Brine+Main Steam	25,726.50
12-Apr-15	16365.27	6798.25	18850.00	25648.25	Brine+Main Steam	25,648.25
13-Apr-15	16334.34	6789.19	18840.00	25629.19	Brine+Main Steam	25,629.19
14-Apr-15	16303.74	6626.75	18850.00	25476.75	Brine+Main Steam	25,476.75
15-Apr-15	16370.96	6666.14	18840.00	25506.14	Brine+Main Steam	25,506.14
16-Apr-15	16351.48	6745.71	18850.00	25595.71	Brine+Main Steam	25,595.71
17-Apr-15	16331.69	6757.39	18850.00	25607.39	Brine+Main Steam	25,607.39
18-Apr-15	16354.27	6677.01	18840.00	25517.01	Brine+Main Steam	25,517.01
19-Apr-15	16337.70	6728.19	18850.00	25578.19	Brine+Main Steam	25,578.19
20-Apr-15	16221.56	6960.31	18840.00	25800.31	Brine+Main Steam	25,800.31
21-Apr-15	16173.89	7285.57	18850.00	26135.57	Brine+Main Steam	26,135.57
22-Apr-15	16236.24	6963.10	18840.00	25803.10	Brine+Main Steam	25,803.10
23-Apr-15	16200.50	7006.22	18850.00	25856.22	Brine+Main Steam	25,856.22
24-Apr-15	16182.80	7005.45	18850.00	25855.45	Brine+Main Steam	25,855.45
25-Apr-15	16155.46	6985.33	18840.00	25825.33	Brine+Main Steam	25,825.33
26-Apr-15	16086.39	6933.85	18850.00	25783.85	Brine+Main Steam	25,783.85
27-Apr-15	16078.66	5066.64	16630.00	21696.64	Brine+Main Steam	21,696.64
28-Apr-15	16102.58	4320.12	16360.00	20680.12	Brine+Main Steam	20,680.12
29-Apr-15	15943.56	4339.45	16150.00	20489.45	Brine+Main Steam	20,489.45
30-Apr-15	12944.30	4404.11	16160.00	20564.11	Brine+Main Steam	20,564.11
1-May-15	15025.80	4330.41	16150.00	20480.41	Brine+Main Steam	20,480.41
2-May-15	15812.20	4275.11	16160.00	20435.11	Brine+Main Steam	20,435.11
3-May-15	15829.30	4412.13	16150.00	20562.13	Brine+Main Steam	20,562.13
4-May-15	15775.50	4217.90	16150.00	20367.90	Brine+Main Steam	20,367.90
5-May-15	15766.09	1911.89	5270.00	7181.89	Wells	15,766.09

6-May-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
7-May-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
8-May-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
9-May-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
10-May-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
11-May-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
12-May-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
13-May-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
14-May-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
15-May-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
16-May-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
17-May-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
18-May-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
19-May-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
20-May-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
21-May-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
22-May-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
23-May-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
24-May-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
25-May-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
26-May-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
27-May-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
28-May-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
29-May-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
30-May-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
31-May-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
1-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
2-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
3-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
4-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
5-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
6-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
7-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
8-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
9-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
10-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
11-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00

12-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
13-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
14-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
15-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
16-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
17-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
18-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
19-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
20-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
21-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
22-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
23-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
24-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
25-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
26-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
27-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
28-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
29-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
30-Jun-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
1-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
2-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
3-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
4-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
5-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
6-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
7-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
8-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
9-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
10-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
11-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
12-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
13-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
14-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
15-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
16-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
17-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
18-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00

19-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
20-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
21-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
22-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
23-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
24-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
25-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
26-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
27-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
28-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
29-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
30-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
31-Jul-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
1-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
2-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
3-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
4-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
5-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
6-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
7-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
8-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
9-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
10-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
11-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
12-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
13-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
14-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
15-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
16-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
17-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
18-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
19-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
20-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
21-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
22-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
23-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
24-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00

25-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
26-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
27-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
28-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
29-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
30-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
31-Aug-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
1-Sep-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
2-Sep-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
3-Sep-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
4-Sep-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
5-Sep-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
6-Sep-15	0.00	0.00	0.00	0.00	Brine+Main Steam	0.00
7-Sep-15	0.00	590.48	18425.10	19015.58	Brine+Main Steam	19015.58
8-Sep-15	17553.21	779.75	15802.02	16581.77	Wells	17553.21
9-Sep-15	17372.89	627.82	15498.14	16125.96	Wells	17372.89
10-Sep-15	17250.43	461.22	16301.80	16763.02	Wells	17250.43
11-Sep-15	17388.60	2284.26	19366.92	21651.18	Brine+Main Steam	21651.18
12-Sep-15	17235.94	2056.31	19352.72	21409.03	Brine+Main Steam	21409.03
13-Sep-15	17053.26	2104.22	14647.30	16751.52	Wells	17053.26
14-Sep-15	16959.85	2409.20	13931.20	16340.39	Wells	16959.85
15-Sep-15	16826.52	2587.00	16148.81	18735.82	Brine+Main Steam	18735.82
16-Sep-15	16732.14	2389.46	16451.39	18840.85	Brine+Main Steam	18840.85
17-Sep-15	16644.95	2875.62	15842.50	18718.12	Brine+Main Steam	18718.12
18-Sep-15	16563.28	2417.64	12980.70	15398.34	Wells	16563.28
19-Sep-15	16332.98	2449.69	12908.80	15358.48	Wells	16332.98
20-Sep-15	16261.09	2576.00	12823.20	15399.21	Wells	16261.09
21-Sep-15	16226.57	2735.83	12784.30	15520.13	Wells	16226.57
22-Sep-15	16287.01	2372.19	12956.50	15328.69	Wells	16287.01
23-Sep-15	16075.96	2787.86	13028.00	15815.86	Wells	16075.96
24-Sep-15	16040.84	2680.20	13076.52	15756.72	Wells	16040.84
25-Sep-15	16140.37	2117.90	18824.78	20942.69	Brine+Main Steam	20942.69
26-Sep-15	16280.00	2645.77	14014.91	16660.67	Brine+Main Steam	16660.67
27-Sep-15	16163.18	2355.26	19418.91	21774.17	Brine+Main Steam	21774.17
28-Sep-15	16140.91	2466.21	19408.09	21874.30	Brine+Main Steam	21874.30
29-Sep-15	16300.11	2020.16	19384.41	21404.56	Brine+Main Steam	21404.56
30-Sep-15	16381.46	2322.02	19382.78	21704.80	Brine+Main Steam	21704.80

1-Oct-15	15676.67	2507.09	16607.41	19114.50	Brine+Main Steam	19114.50
2-Oct-15	15633.07	2880.72	15778.59	18659.32	Brine+Main Steam	18659.32
3-Oct-15	15540.87	2431.53	16395.50	18827.03	Brine+Main Steam	18827.03
4-Oct-15	15673.58	2644.40	16415.72	19060.12	Brine+Main Steam	19060.12
5-Oct-15	14786.02	2232.59	16306.69	18539.27	Brine+Main Steam	18539.27
6-Oct-15	14731.49	2659.58	16389.00	19048.58	Brine+Main Steam	19048.58
7-Oct-15	14639.79	2528.80	16347.09	18875.89	Brine+Main Steam	18875.89
8-Oct-15	16076.88	3549.40	15875.41	19424.80	Brine+Main Steam	19424.80
9-Oct-15	16086.99	2226.35	15898.28	18124.63	Brine+Main Steam	18124.63
10-Oct-15	15947.21	2829.90	15653.00	18482.90	Brine+Main Steam	18482.90
11-Oct-15	16020.98	2415.38	12226.00	14641.38	Wells	16020.98
12-Oct-15	16009.65	2693.60	14892.00	17585.60	Brine+Main Steam	17585.60
13-Oct-15	15779.54	2754.77	14468.00	17222.77	Brine+Main Steam	17222.77
14-Oct-15	16841.78	2137.16	14166.00	16303.16	Wells	16841.78
15-Oct-15	16870.37	2319.59	14525.00	16844.59	Wells	16870.37
16-Oct-15	16833.68	2276.79	14376.00	16652.79	Wells	16833.68
17-Oct-15	16716.14	2875.52	14829.00	17704.52	Brine+Main Steam	17704.52
18-Oct-15	16520.81	2595.70	14422.00	17017.70	Brine+Main Steam	17017.70
19-Oct-15	16708.09	2490.09	14636.00	17126.09	Brine+Main Steam	17126.09
20-Oct-15	16580.78	3048.94	14924.00	17972.94	Brine+Main Steam	17972.94
21-Oct-15	19129.20	2438.31	15051.00	17489.31	Wells	19129.20
22-Oct-15	17577.76	2587.09	15121.00	17708.09	Brine+Main Steam	17708.09
23-Oct-15	17480.63	2670.02	14602.00	17272.02	Wells	17480.63
24-Oct-15	17078.52	2738.05	14785.00	17523.05	Brine+Main Steam	17523.05
25-Oct-15	17019.64	2383.59	14846.00	17229.59	Brine+Main Steam	17229.59
26-Oct-15	17003.10	2412.43	14830.00	17242.43	Brine+Main Steam	17242.43
27-Oct-15	15131.53	2810.72	14784.00	17594.72	Brine+Main Steam	17594.72
28-Oct-15	17034.52	2846.02	14750.00	17596.02	Brine+Main Steam	17596.02
29-Oct-15	17101.82	2973.41	14787.00	17760.41	Brine+Main Steam	17760.41
30-Oct-15	16992.78	5135.67	14857.00	19992.67	Brine+Main Steam	19992.67
31-Oct-15	16898.04	5834.92	14906.00	20740.92	Brine+Main Steam	20740.92
1-Nov-15	16318.67	5749.59	14941.00	20690.59	Brine+Main Steam	20690.59
2-Nov-15	16354.30	6081.10	14943.00	21024.10	Brine+Main Steam	21024.10
3-Nov-15	16253.85	5884.00	14911.00	20795.00	Brine+Main Steam	20795.00
4-Nov-15	16349.82	5919.80	14749.00	20668.80	Brine+Main Steam	20668.80
5-Nov-15	15577.73	6084.10	14560.00	20644.10	Brine+Main Steam	20644.10
6-Nov-15	15744.01	6472.59	14588.00	21060.59	Brine+Main Steam	21060.59

7-Nov-15	15680.86	6547.60	14529.00	21076.60	Brine+Main Steam	21076.60
8-Nov-15	15639.37	5710.70	12329.00	18039.70	Brine+Main Steam	18039.70
9-Nov-15	15699.88	7102.61	14552.00	21654.61	Brine+Main Steam	21654.61
10-Nov-15	15794.13	6341.80	14629.00	20970.80	Brine+Main Steam	20970.80
11-Nov-15	15732.72	6364.21	14787.63	21151.84	Brine+Main Steam	21151.84
12-Nov-15	16106.73	5911.90	14781.00	20692.90	Brine+Main Steam	20692.90
13-Nov-15	16106.73	6407.09	14774.00	21181.09	Brine+Main Steam	21181.09
14-Nov-15	14905.77	6255.20	14661.00	20916.20	Brine+Main Steam	20916.20
15-Nov-15	16106.73	5943.60	14626.00	20569.60	Brine+Main Steam	20569.60
16-Nov-15	16065.26	5784.90	14548.00	20332.90	Brine+Main Steam	20332.90
17-Nov-15	15713.57	6089.50	14519.00	20608.50	Brine+Main Steam	20608.50
18-Nov-15	15630.40	6299.91	15487.00	21786.91	Brine+Main Steam	21786.91
19-Nov-15	16226.12	6503.00	14909.00	21412.00	Brine+Main Steam	21412.00
20-Nov-15	16152.81	5637.39	14635.00	20272.39	Brine+Main Steam	20272.39
21-Nov-15	16101.53	6168.09	14605.00	20773.09	Brine+Main Steam	20773.09
22-Nov-15	17999.01	5950.20	15170.00	21120.20	Brine+Main Steam	21120.20
23-Nov-15	18146.61	6607.41	16716.00	23323.41	Brine+Main Steam	23323.41
24-Nov-15	17348.33	6080.30	18069.00	24149.30	Brine+Main Steam	24149.30
25-Nov-15	16974.95	5444.41	18016.00	23460.41	Brine+Main Steam	23460.41
26-Nov-15	17376.39	5665.69	16635.00	22300.69	Brine+Main Steam	22300.69
27-Nov-15	17376.39	5699.61	15973.00	21672.61	Brine+Main Steam	21672.61
28-Nov-15	18411.75	6385.59	16228.00	22613.59	Brine+Main Steam	22613.59
29-Nov-15	18373.81	5842.52	16157.00	21999.52	Brine+Main Steam	21999.52
30-Nov-15	15794.05	5498.19	15497.00	20995.19	Brine+Main Steam	20995.19
1-Dec-15	17257.91	5686.00	16978.00	22664.00	Brine+Main Steam	22664.00
2-Dec-15	17020.55	5821.70	17249.00	23070.70	Brine+Main Steam	23070.70
3-Dec-15	16955.79	5602.09	16523.00	22125.09	Brine+Main Steam	22125.09
4-Dec-15	15839.04	5087.80	15771.00	20858.80	Brine+Main Steam	20858.80
5-Dec-15	17790.19	5428.81	15477.19	20906.00	Brine+Main Steam	20906.00
6-Dec-15	18214.02	5951.07	15750.30	21701.37	Brine+Main Steam	21701.37
7-Dec-15	16500.57	7204.66	15807.00	23011.66	Brine+Main Steam	23011.66
8-Dec-15	16629.43	6643.16	15948.00	22591.16	Brine+Main Steam	22591.16
9-Dec-15	17106.35	7009.76	15902.00	22911.76	Brine+Main Steam	22911.76
10-Dec-15	16645.88	8528.78	13399.00	21927.78	Brine+Main Steam	21927.78
11-Dec-15	16524.91	7585.90	15898.00	23483.90	Brine+Main Steam	23483.90
12-Dec-15	16502.33	6694.46	15822.00	22516.46	Brine+Main Steam	22516.46
13-Dec-15	16450.54	5705.10	15864.00	21569.10	Brine+Main Steam	21569.10

14-Dec-15	18366.86	5446.35	12966.00	18412.35	Brine+Main Steam	18412.35
15-Dec-15	16735.67	7329.77	15237.00	22566.77	Brine+Main Steam	22566.77
16-Dec-15	17131.32	6527.05	16000.00	22527.05	Brine+Main Steam	22527.05
17-Dec-15	17455.28	5835.28	16058.00	21893.28	Brine+Main Steam	21893.28
18-Dec-15	17436.27	6821.49	16041.00	22862.49	Brine+Main Steam	22862.49
19-Dec-15	17434.55	5731.18	16074.00	21805.18	Brine+Main Steam	21805.18
20-Dec-15	17382.68	5562.75	16028.00	21590.75	Brine+Main Steam	21590.75
21-Dec-15	15932.83	6865.21	15950.00	22815.21	Brine+Main Steam	22815.21
22-Dec-15	17442.28	7395.07	15414.00	22809.07	Brine+Main Steam	22809.07
23-Dec-15	15835.22	5031.41	6754.00	11785.41	Wells	15835.22
24-Dec-15	7100.96	5463.16	2.00	5465.16	Wells	7100.96
25-Dec-15	7100.96	5407.33	3.00	5410.33	Wells	7100.96
26-Dec-15	15810.08	4691.37	8953.00	13644.37	Wells	15810.08
27-Dec-15	19813.48	5447.38	18823.00	24270.38	Brine+Main Steam	24270.38
28-Dec-15	19694.18	6232.90	18785.00	25017.90	Brine+Main Steam	25017.90
29-Dec-15	19694.18	5825.17	18560.00	24385.17	Brine+Main Steam	24385.17
30-Dec-15	19457.46	5653.03	18982.00	24635.03	Brine+Main Steam	24635.03
31-Dec-15	18573.63	5924.94	17435.00	23359.94	Brine+Main Steam	23359.94
1-Jan-16	19562.93	6020.01	17687.00	23707.01	Brine+Main Steam	23,707.01
2-Jan-16	19562.93	5531.93	18331.00	23862.93	Brine+Main Steam	23,862.93
3-Jan-16	19544.78	5742.17	18327.00	24069.17	Brine+Main Steam	24,069.17
4-Jan-16	19440.21	6042.47	18277.00	24319.47	Brine+Main Steam	24,319.47
5-Jan-16	19484.22	6837.16	18541.00	25378.16	Brine+Main Steam	25,378.16
6-Jan-16	18898.10	6611.05	19325.00	25936.05	Brine+Main Steam	25,936.05
7-Jan-16	18692.36	7553.75	19369.00	26922.75	Brine+Main Steam	26,922.75
8-Jan-16	18530.80	9011.75	19373.00	28384.75	Brine+Main Steam	28,384.75
9-Jan-16	18510.93	9669.36	19352.00	29021.36	Brine+Main Steam	29,021.36
10-Jan-16	18572.38	9506.17	19335.00	28841.17	Brine+Main Steam	28,841.17
11-Jan-16	18517.10	9605.42	19313.00	28918.42	Brine+Main Steam	28,918.42
12-Jan-16	18696.82	7763.48	19352.00	27115.48	Brine+Main Steam	27,115.48
13-Jan-16	18269.06	7371.21	19325.00	26696.21	Brine+Main Steam	26,696.21
14-Jan-16	18323.47	8360.13	19365.00	27725.13	Brine+Main Steam	27,725.13
15-Jan-16	18205.85	7585.56	19362.00	26947.56	Brine+Main Steam	26,947.56
16-Jan-16	18211.91	6942.25	19335.00	26277.25	Brine+Main Steam	26,277.25
17-Jan-16	18170.42	6980.65	19359.00	26339.65	Brine+Main Steam	26,339.65
18-Jan-16	18173.88	8392.96	19383.00	27775.96	Brine+Main Steam	27,775.96
19-Jan-16	17995.92	9868.76	19451.00	29319.76	Brine+Main Steam	29,319.76

20-Jan-16	18122.13	8527.02	19417.00	27944.02	Brine+Main Steam	27,944.02
21-Jan-16	18153.20	8487.39	19439.00	27926.39	Brine+Main Steam	27,926.39
22-Jan-16	18124.67	8535.77	19447.00	27982.77	Brine+Main Steam	27,982.77
23-Jan-16	18127.26	8948.11	19393.00	28341.11	Brine+Main Steam	28,341.11
24-Jan-16	18139.37	9920.85	19356.00	29276.85	Brine+Main Steam	29,276.85
25-Jan-16	18167.03	8464.17	19352.00	27816.17	Brine+Main Steam	27,816.17
26-Jan-16	18164.41	8363.38	19377.00	27740.38	Brine+Main Steam	27,740.38
27-Jan-16	18161.82	8087.93	19325.00	27412.93	Brine+Main Steam	27,412.93
28-Jan-16	18164.37	7610.31	19219.00	26829.31	Brine+Main Steam	26,829.31
29-Jan-16	18168.73	7751.23	19243.00	26994.23	Brine+Main Steam	26,994.23
30-Jan-16	18158.37	7861.08	19189.00	27050.08	Brine+Main Steam	27,050.08
31-Jan-16	18131.53	7910.46	19043.00	26953.46	Brine+Main Steam	26,953.46
1-Feb-16	0.00	9117.31	19276.00	28393.31	Brine+Main Steam	28,393.31
2-Feb-16	0.00	8313.56	19292.00	27605.56	Brine+Main Steam	27,605.56
3-Feb-16	0.00	8597.08	19340.00	27937.08	Brine+Main Steam	27,937.08
4-Feb-16	0.00	8603.94	19225.00	27828.94	Brine+Main Steam	27,828.94
5-Feb-16	0.00	7409.02	19245.00	26654.02	Brine+Main Steam	26,654.02
6-Feb-16	0.00	8471.55	19328.00	27799.55	Brine+Main Steam	27,799.55
7-Feb-16	0.00	8538.64	19311.00	27849.64	Brine+Main Steam	27,849.64
8-Feb-16	0.00	8444.57	19314.00	27758.57	Brine+Main Steam	27,758.57
9-Feb-16	0.00	8136.95	19311.00	27447.95	Brine+Main Steam	27,447.95
10-Feb-16	0.00	7829.19	19236.00	27065.19	Brine+Main Steam	27,065.19
11-Feb-16	0.00	7698.35	19286.00	26984.35	Brine+Main Steam	26,984.35
12-Feb-16	0.00	7680.69	19217.00	26897.69	Brine+Main Steam	26,897.69
13-Feb-16	0.00	7582.06	19312.00	26894.06	Brine+Main Steam	26,894.06
14-Feb-16	0.00	7578.87	19213.00	26791.87	Brine+Main Steam	26,791.87
15-Feb-16	0.00	7470.53	19261.00	26731.53	Brine+Main Steam	26,731.53
16-Feb-16	0.00	7465.62	18961.00	26426.62	Brine+Main Steam	26,426.62
17-Feb-16	0.00	7334.01	19285.00	26619.01	Brine+Main Steam	26,619.01
18-Feb-16	0.00	7392.95	19264.00	26656.95	Brine+Main Steam	26,656.95
19-Feb-16	0.00	7469.66	19285.00	26754.66	Brine+Main Steam	26,754.66
20-Feb-16	0.00	7498.58	19205.00	26703.58	Brine+Main Steam	26,703.58
21-Feb-16	0.00	7423.24	19258.00	26681.24	Brine+Main Steam	26,681.24
22-Feb-16	0.00	0.00	19134.00	19134.00	Brine+Main Steam	19,134.00
23-Feb-16	0.00	0.00	19246.00	19246.00	Brine+Main Steam	19,246.00
24-Feb-16	0.00	0.00	19283.00	19283.00	Brine+Main Steam	19,283.00
25-Feb-16	0.00	0.00	19292.00	19292.00	Brine+Main Steam	19,292.00

26-Feb-16	0.00	0.00	19251.00	19251.00	Brine+Main Steam	19,251.00
27-Feb-16	0.00	0.00	19183.00	19183.00	Brine+Main Steam	19,183.00
28-Feb-16	0.00	0.00	19225.00	19225.00	Brine+Main Steam	19,225.00
29-Feb-16	0.00	0.00	18465.00	18465.00	Brine+Main Steam	18,465.00
1-Mar-16	0.00	7665.01	19085.00	26750.01	Brine+Main Steam	26,750.01
2-Mar-16	0.00	7576.56	19242.00	26818.56	Brine+Main Steam	26,818.56
3-Mar-16	0.00	7969.75	19253.00	27222.75	Brine+Main Steam	27,222.75
4-Mar-16	0.00	7442.54	18968.00	26410.54	Brine+Main Steam	26,410.54
5-Mar-16	0.00	6934.29	19229.00	26163.29	Brine+Main Steam	26,163.29
6-Mar-16	0.00	7975.41	19484.00	27459.41	Brine+Main Steam	27,459.41
7-Mar-16	0.00	7910.10	19384.00	27294.10	Brine+Main Steam	27,294.10
8-Mar-16	0.00	7789.02	19478.00	27267.02	Brine+Main Steam	27,267.02
9-Mar-16	0.00	7835.28	19462.00	27297.28	Brine+Main Steam	27,297.28
10-Mar-16	0.00	7729.84	19466.00	27195.84	Brine+Main Steam	27,195.84
11-Mar-16	0.00	7853.75	19439.00	27292.75	Brine+Main Steam	27,292.75
12-Mar-16	0.00	7937.94	19367.00	27304.94	Brine+Main Steam	27,304.94
13-Mar-16	0.00	7676.21	19488.00	27164.21	Brine+Main Steam	27,164.21
14-Mar-16	0.00	7545.65	19465.00	27010.65	Brine+Main Steam	27,010.65
15-Mar-16	0.00	7829.27	19387.00	27216.27	Brine+Main Steam	27,216.27
16-Mar-16	0.00	7658.84	19439.00	27097.84	Brine+Main Steam	27,097.84
17-Mar-16	0.00	7878.44	19452.00	27330.44	Brine+Main Steam	27,330.44
18-Mar-16	0.00	7914.86	19460.00	27374.86	Brine+Main Steam	27,374.86
19-Mar-16	0.00	7860.34	19450.00	27310.34	Brine+Main Steam	27,310.34
20-Mar-16	0.00	7729.54	19455.00	27184.54	Brine+Main Steam	27,184.54
21-Mar-16	0.00	7791.33	19375.00	27166.33	Brine+Main Steam	27,166.33
22-Mar-16	0.00	7720.59	19359.00	27079.59	Brine+Main Steam	27,079.59
23-Mar-16	0.00	7695.02	19358.00	27053.02	Brine+Main Steam	27,053.02
24-Mar-16	0.00	7723.52	19329.00	27052.52	Brine+Main Steam	27,052.52
25-Mar-16	0.00	7870.22	19257.00	27127.22	Brine+Main Steam	27,127.22
26-Mar-16	0.00	7769.38	19411.00	27180.38	Brine+Main Steam	27,180.38
27-Mar-16	0.00	7838.77	19268.00	27106.77	Brine+Main Steam	27,106.77
28-Mar-16	0.00	7830.80	19206.00	27036.80	Brine+Main Steam	27,036.80
29-Mar-16	0.00	8074.80	19136.00	27210.80	Brine+Main Steam	27,210.80
30-Mar-16	0.00	7810.60	19229.00	27039.60	Brine+Main Steam	27,039.60
31-Mar-16	113.73	7896.64	19049.00	26945.64	Brine+Main Steam	26,945.64
1-Apr-16	3943.61	7869.48	19077.00	26946.48	Brine+Main Steam	26,946.48
2-Apr-16	3945.08	8117.66	19019.00	27136.66	Brine+Main Steam	27,136.66

3-Apr-16	3943.29	8024.29	18964.00	26988.29	Brine+Main Steam	26,988.29
4-Apr-16	3940.01	7813.35	19127.00	26940.35	Brine+Main Steam	26,940.35
5-Apr-16	3948.85	8102.98	19122.00	27224.98	Brine+Main Steam	27,224.98
6-Apr-16	3948.60	7943.85	18983.00	26926.85	Brine+Main Steam	26,926.85
7-Apr-16	3939.31	7836.36	18398.00	26234.36	Brine+Main Steam	26,234.36
8-Apr-16	3941.36	7869.04	18985.00	26854.04	Brine+Main Steam	26,854.04
9-Apr-16	3890.41	7402.52	19203.00	26605.52	Brine+Main Steam	26,605.52
10-Apr-16	3880.13	7278.49	19332.00	26610.49	Brine+Main Steam	26,610.49
11-Apr-16	3891.74	7301.84	19281.00	26582.84	Brine+Main Steam	26,582.84
12-Apr-16	3886.30	7747.08	19297.00	27044.08	Brine+Main Steam	27,044.08
13-Apr-16	3888.02	7431.11	19197.00	26628.11	Brine+Main Steam	26,628.11
14-Apr-16	3884.31	7320.22	19229.00	26549.22	Brine+Main Steam	26,549.22
15-Apr-16	3884.55	7339.38	19296.00	26635.38	Brine+Main Steam	26,635.38
16-Apr-16	3878.71	7479.63	19353.00	26832.63	Brine+Main Steam	26,832.63
17-Apr-16	3875.92	7628.28	19280.00	26908.28	Brine+Main Steam	26,908.28
18-Apr-16	3895.55	7448.78	19307.00	26755.78	Brine+Main Steam	26,755.78
19-Apr-16	18532.69	7450.98	19335.00	26785.98	Brine+Main Steam	26,785.98
20-Apr-16	19441.06	7390.11	19273.00	26663.11	Brine+Main Steam	26,663.11
21-Apr-16	19431.27	6817.60	19295.00	26112.60	Brine+Main Steam	26,112.60
22-Apr-16	19425.50	7155.99	19273.00	26428.99	Brine+Main Steam	26,428.99
23-Apr-16	19415.21	7310.64	19348.00	26658.64	Brine+Main Steam	26,658.64
24-Apr-16	19417.72	7308.48	19341.00	26649.48	Brine+Main Steam	26,649.48
25-Apr-16	19417.82	7156.52	19380.00	26536.52	Brine+Main Steam	26,536.52
26-Apr-16	19419.46	7630.01	19262.00	26892.01	Brine+Main Steam	26,892.01
27-Apr-16	19416.44	7662.73	19283.00	26945.73	Brine+Main Steam	26,945.73
28-Apr-16	19439.56	7524.56	19287.00	26811.56	Brine+Main Steam	26,811.56
29-Apr-16	19410.90	7685.50	19267.00	26952.50	Brine+Main Steam	26,952.50
30-Apr-16	19416.92	7457.19	19334.00	26791.19	Brine+Main Steam	26,791.19
1-May-16	19391.54	7533.17	19298.00	26831.17	Brine+Main Steam	26,831.17
2-May-16	19397.43	7627.96	19212.00	26839.96	Brine+Main Steam	26,839.96
3-May-16	19379.85	7525.53	19271.00	26796.53	Brine+Main Steam	26,796.53
4-May-16	19353.56	7260.84	19263.00	26523.84	Brine+Main Steam	26,523.84
5-May-16	19253.43	7506.46	19275.00	26781.46	Brine+Main Steam	26,781.46
6-May-16	19148.74	7462.34	19426.00	26888.34	Brine+Main Steam	26,888.34
7-May-16	19157.29	7466.15	19519.00	26985.15	Brine+Main Steam	26,985.15
8-May-16	19140.08	7579.56	19507.00	27086.56	Brine+Main Steam	27,086.56
9-May-16	19136.84	7524.94	19512.00	27036.94	Brine+Main Steam	27,036.94

10-May-16	19115.93	7488.87	19517.00	27005.87	Brine+Main Steam	27,005.87
11-May-16	19099.54	7480.65	19499.00	26979.65	Brine+Main Steam	26,979.65
12-May-16	19093.94	7541.13	19518.00	27059.13	Brine+Main Steam	27,059.13
13-May-16	19103.59	7360.85	19518.00	26878.85	Brine+Main Steam	26,878.85
14-May-16	19060.18	7879.50	19498.00	27377.50	Brine+Main Steam	27,377.50
15-May-16	19053.33	7648.81	19512.00	27160.81	Brine+Main Steam	27,160.81
16-May-16	19163.73	7437.13	19518.00	26955.13	Brine+Main Steam	26,955.13
17-May-16	19174.01	7649.83	19464.00	27113.83	Brine+Main Steam	27,113.83
18-May-16	19151.79	7457.21	19487.00	26944.21	Brine+Main Steam	26,944.21
19-May-16	19132.43	7534.46	19518.00	27052.46	Brine+Main Steam	27,052.46
20-May-16	19120.02	7421.67	19518.00	26939.67	Brine+Main Steam	26,939.67
21-May-16	19108.39	7692.69	19507.00	27199.69	Brine+Main Steam	27,199.69
22-May-16	19113.50	7704.78	19439.00	27143.78	Brine+Main Steam	27,143.78
23-May-16	19105.48	7605.48	19518.00	27123.48	Brine+Main Steam	27,123.48
24-May-16	19041.76	7485.69	19504.00	26989.69	Brine+Main Steam	26,989.69
25-May-16	19056.12	7365.45	19495.00	26860.45	Brine+Main Steam	26,860.45
26-May-16	19061.42	7395.67	19518.00	26913.67	Brine+Main Steam	26,913.67
27-May-16	19064.87	7462.42	19519.00	26981.42	Brine+Main Steam	26,981.42
28-May-16	19082.96	7699.48	19513.00	27212.48	Brine+Main Steam	27,212.48
29-May-16	19072.21	7493.55	19518.00	27011.55	Brine+Main Steam	27,011.55
30-May-16	18558.70	7569.62	19488.00	27057.62	Brine+Main Steam	27,057.62
31-May-16	18975.83	7472.51	19519.00	26991.51	Brine+Main Steam	26,991.51
1-Jun-16	18467.89	7529.68	19077.00	26606.68	Brine+Main Steam	26,606.68
2-Jun-16	18817.92	7552.85	19019.00	26571.85	Brine+Main Steam	26,571.85
3-Jun-16	19001.63	7514.17	18964.00	26478.17	Brine+Main Steam	26,478.17
4-Jun-16	18964.00	7491.90	19127.00	26618.90	Brine+Main Steam	26,618.90
5-Jun-16	18921.66	7658.82	19122.00	26780.82	Brine+Main Steam	26,780.82
6-Jun-16	18923.37	7653.40	18983.00	26636.40	Brine+Main Steam	26,636.40
7-Jun-16	18942.83	7757.09	18398.00	26155.09	Brine+Main Steam	26,155.09
8-Jun-16	18970.11	7477.61	18985.00	26462.61	Brine+Main Steam	26,462.61
9-Jun-16	18986.57	7500.58	19203.00	26703.58	Brine+Main Steam	26,703.58
10-Jun-16	18937.20	7557.34	19332.00	26889.34	Brine+Main Steam	26,889.34
11-Jun-16	18512.99	7593.54	19281.00	26874.54	Brine+Main Steam	26,874.54
12-Jun-16	18737.36	7605.57	19297.00	26902.57	Brine+Main Steam	26,902.57
13-Jun-16	18687.92	7582.03	19197.00	26779.03	Brine+Main Steam	26,779.03
14-Jun-16	18455.59	7494.83	19229.00	26723.83	Brine+Main Steam	26,723.83
15-Jun-16	18833.38	7576.71	19296.00	26872.71	Brine+Main Steam	26,872.71

16-Jun-16	18919.38	7666.42	19353.00	27019.42	Brine+Main Steam	27,019.42
17-Jun-16	18939.19	7749.40	19280.00	27029.40	Brine+Main Steam	27,029.40
18-Jun-16	18989.10	7725.93	19307.00	27032.93	Brine+Main Steam	27,032.93
19-Jun-16	18924.51	7747.51	19335.00	27082.51	Brine+Main Steam	27,082.51
20-Jun-16	18948.92	7742.41	19273.00	27015.41	Brine+Main Steam	27,015.41
21-Jun-16	18896.70	7789.47	19295.00	27084.47	Brine+Main Steam	27,084.47
22-Jun-16	18865.39	7857.90	19273.00	27130.90	Brine+Main Steam	27,130.90
23-Jun-16	17725.96	7866.41	19348.00	27214.41	Brine+Main Steam	27,214.41
24-Jun-16	17981.33	7629.57	19341.00	26970.57	Brine+Main Steam	26,970.57
25-Jun-16	18886.08	7934.58	19380.00	27314.58	Brine+Main Steam	27,314.58
26-Jun-16	18540.69	7734.33	19262.00	26996.33	Brine+Main Steam	26,996.33
27-Jun-16	18506.89	7961.34	19283.00	27244.34	Brine+Main Steam	27,244.34
28-Jun-16	17319.11	7686.93	19287.00	26973.93	Brine+Main Steam	26,973.93
29-Jun-16	17280.58	7870.68	19267.00	27137.68	Brine+Main Steam	27,137.68
30-Jun-16	17295.72	7578.36	19334.00	26912.36	Brine+Main Steam	26,912.36
1-Jul-16	17304.56	7679.30	19044.00	26723.30	Brine+Main Steam	26723.30
2-Jul-16	17258.41	7540.71	18845.00	26385.71	Brine+Main Steam	26385.71
3-Jul-16	17252.50	7597.25	18883.00	26480.25	Brine+Main Steam	26480.25
4-Jul-16	17278.68	7510.47	19194.00	26704.47	Brine+Main Steam	26704.47
5-Jul-16	17328.54	7568.53	19469.00	27037.53	Brine+Main Steam	27037.53
6-Jul-16	17296.69	7544.21	19326.00	26870.21	Brine+Main Steam	26870.21
7-Jul-16	17305.48	7468.92	19446.00	26914.92	Brine+Main Steam	26914.92
8-Jul-16	17283.11	7563.53	19361.00	26924.53	Brine+Main Steam	26924.53
9-Jul-16	17290.35	7420.68	19389.00	26809.68	Brine+Main Steam	26809.68
10-Jul-16	17263.40	7650.97	19192.00	26842.97	Brine+Main Steam	26842.97
11-Jul-16	17213.27	7504.45	19231.00	26735.45	Brine+Main Steam	26735.45
12-Jul-16	17204.36	7543.34	18882.00	26425.34	Brine+Main Steam	26425.34
13-Jul-16	17214.56	7517.41	19037.00	26554.41	Brine+Main Steam	26554.41
14-Jul-16	16991.34	7529.73	19515.00	27044.73	Brine+Main Steam	27044.73
15-Jul-16	16907.37	7414.59	19355.00	26769.59	Brine+Main Steam	26769.59
16-Jul-16	16890.20	7693.29	19518.00	27211.29	Brine+Main Steam	27211.29
17-Jul-16	16876.94	7546.62	19518.00	27064.62	Brine+Main Steam	27064.62
18-Jul-16	16668.71	7612.19	19519.00	27131.19	Brine+Main Steam	27131.19
19-Jul-16	16557.14	7512.68	19499.00	27011.68	Brine+Main Steam	27011.68
20-Jul-16	16531.46	7706.19	19498.00	27204.19	Brine+Main Steam	27204.19
21-Jul-16	16538.87	7727.98	19497.00	27224.98	Brine+Main Steam	27224.98
22-Jul-16	16553.94	7687.07	19455.00	27142.07	Brine+Main Steam	27142.07

23-Jul-16	16526.07	7756.34	19397.00	27153.34	Brine+Main Steam	27153.34
24-Jul-16	16628.87	7547.61	19518.00	27065.61	Brine+Main Steam	27065.61
25-Jul-16	16686.40	7633.64	19518.00	27151.64	Brine+Main Steam	27151.64
26-Jul-16	16611.58	7746.53	19493.00	27239.53	Brine+Main Steam	27239.53
27-Jul-16	16633.32	6962.78	18838.00	25800.78	Brine+Main Steam	25800.78
28-Jul-16	16627.98	7064.86	18970.00	26034.86	Brine+Main Steam	26034.86
29-Jul-16	16715.26	7587.28	19518.00	27105.28	Brine+Main Steam	27105.28
30-Jul-16	16511.58	7217.89	19121.00	26338.89	Brine+Main Steam	26338.89
31-Jul-16	16542.15	7219.92	18862.00	26081.92	Brine+Main Steam	26081.92
1-Aug-16	16641.92	7268.78	19330.00	26598.78	Brine+Main Steam	26598.78
2-Aug-16	16609.73	7266.43	19285.00	26551.43	Brine+Main Steam	26551.43
3-Aug-16	16802.50	7030.30	18840.00	25870.30	Brine+Main Steam	25870.30
4-Aug-16	16487.02	7085.85	18845.00	25930.85	Brine+Main Steam	25930.85
5-Aug-16	16300.14	7029.75	18872.00	25901.75	Brine+Main Steam	25901.75
6-Aug-16	16756.94	7237.25	18845.00	26082.25	Brine+Main Steam	26082.25
7-Aug-16	16741.34	6983.12	18846.00	25829.12	Brine+Main Steam	25829.12
8-Aug-16	16820.50	7122.83	18744.00	25866.83	Brine+Main Steam	25866.83
9-Aug-16	17807.59	7375.22	18854.00	26229.22	Brine+Main Steam	26229.22
10-Aug-16	15916.60	6955.53	18491.00	25446.53	Brine+Main Steam	25446.53
11-Aug-16	15762.34	6976.47	18437.00	25413.47	Brine+Main Steam	25413.47
12-Aug-16	15800.53	7274.43	18811.00	26085.43	Brine+Main Steam	26085.43
13-Aug-16	16150.84	7207.30	18549.00	25756.30	Brine+Main Steam	25756.30
14-Aug-16	16067.22	7345.85	18845.00	26190.85	Brine+Main Steam	26190.85
15-Aug-16	16670.36	7346.85	19415.00	26761.85	Brine+Main Steam	26761.85
16-Aug-16	16808.02	7503.13	19191.00	26694.13	Brine+Main Steam	26694.13
17-Aug-16	16798.94	7460.91	19027.00	26487.91	Brine+Main Steam	26487.91
18-Aug-16	16503.13	7474.29	19518.00	26992.29	Brine+Main Steam	26992.29
19-Aug-16	16573.23	7284.51	19519.00	26803.51	Brine+Main Steam	26803.51
20-Aug-16	16520.81	7449.75	19519.00	26968.75	Brine+Main Steam	26968.75
21-Aug-16	16525.30	7349.93	19515.00	26864.93	Brine+Main Steam	26864.93
22-Aug-16	16256.52	7287.29	19518.00	26805.29	Brine+Main Steam	26805.29
23-Aug-16	16538.88	7322.63	19236.00	26558.63	Brine+Main Steam	26558.63
24-Aug-16	17583.80	6701.96	19259.00	25960.96	Brine+Main Steam	25960.96
25-Aug-16	16396.49	7332.19	19098.00	26430.19	Brine+Main Steam	26430.19
26-Aug-16	16147.07	7318.23	19191.00	26509.23	Brine+Main Steam	26509.23
27-Aug-16	16144.44	7677.26	19395.00	27072.26	Brine+Main Steam	27072.26
28-Aug-16	16133.62	7366.35	19421.00	26787.35	Brine+Main Steam	26787.35

29-Aug-16	16463.01	7368.75	19512.00	26880.75	Brine+Main Steam	26880.75
30-Aug-16	16806.11	7109.92	19485.00	26594.92	Brine+Main Steam	26594.92
31-Aug-16	16742.43	7329.13	19518.00	26847.13	Brine+Main Steam	26847.13
1-Sep-16	17098.28	6666.78	19517.00	26183.78	Brine+Main Steam	26183.78
2-Sep-16	16815.22	6560.63	19261.00	25821.63	Brine+Main Steam	25821.63
3-Sep-16	17139.76	6541.77	19510.00	26051.77	Brine+Main Steam	26051.77
4-Sep-16	17088.25	6584.46	19518.00	26102.46	Brine+Main Steam	26102.46
5-Sep-16	17117.01	6444.90	19519.00	25963.90	Brine+Main Steam	25963.90
6-Sep-16	17440.18	6620.13	19518.00	26138.13	Brine+Main Steam	26138.13
7-Sep-16	17314.96	6674.15	19504.00	26178.15	Brine+Main Steam	26178.15
8-Sep-16	17359.67	6749.36	19519.00	26268.36	Brine+Main Steam	26268.36
9-Sep-16	17391.59	6910.40	19518.00	26428.40	Brine+Main Steam	26428.40
10-Sep-16	17274.52	6997.59	19332.00	26329.59	Brine+Main Steam	26329.59
11-Sep-16	16882.87	6869.43	19227.00	26096.43	Brine+Main Steam	26096.43
12-Sep-16	16072.30	6822.20	18845.00	25667.20	Brine+Main Steam	25667.20
13-Sep-16	17777.32	6639.70	19345.00	25984.70	Brine+Main Steam	25984.70
14-Sep-16	18056.91	6509.82	19505.00	26014.82	Brine+Main Steam	26014.82
15-Sep-16	18157.52	6555.49	19490.00	26045.49	Brine+Main Steam	26045.49
16-Sep-16	17943.67	6568.28	19291.00	25859.28	Brine+Main Steam	25859.28
17-Sep-16	17354.29	6524.04	18846.00	25370.04	Brine+Main Steam	25370.04
18-Sep-16	17546.81	6461.18	18847.00	25308.18	Brine+Main Steam	25308.18
19-Sep-16	17868.40	6568.55	19263.00	25831.55	Brine+Main Steam	25831.55
20-Sep-16	18043.05	6814.51	19259.00	26073.51	Brine+Main Steam	26073.51
21-Sep-16	17994.55	6528.15	19452.00	25980.15	Brine+Main Steam	25980.15
22-Sep-16	18100.36	6498.17	19505.00	26003.17	Brine+Main Steam	26003.17
23-Sep-16	18154.09	6559.34	19490.00	26049.34	Brine+Main Steam	26049.34
24-Sep-16	18192.96	6540.31	19502.00	26042.31	Brine+Main Steam	26042.31
25-Sep-16	18190.55	6525.14	19493.00	26018.14	Brine+Main Steam	26018.14
26-Sep-16	18155.92	6716.56	19028.00	25744.56	Brine+Main Steam	25744.56
27-Sep-16	18123.60	6683.88	19362.00	26045.88	Brine+Main Steam	26045.88
28-Sep-16	18207.68	6670.31	19518.00	26188.31	Brine+Main Steam	26188.31
29-Sep-16	18225.79	6740.38	19407.00	26147.38	Brine+Main Steam	26147.38
30-Sep-16	18125.29	6761.88	19220.00	25981.88	Brine+Main Steam	25981.88
1-Oct-16	18045.54	6753.63	19425.00	26178.63	Brine+Main Steam	26178.63
2-Oct-16	17797.59	6856.86	18862.00	25718.86	Brine+Main Steam	25718.86
3-Oct-16	17872.88	6711.29	18963.00	25674.29	Brine+Main Steam	25674.29
4-Oct-16	17917.29	6765.60	18881.00	25646.60	Brine+Main Steam	25646.60

5-Oct-16	17856.55	6636.83	18979.00	25615.83	Brine+Main Steam	25615.83
6-Oct-16	18067.27	6639.50	19253.00	25892.50	Brine+Main Steam	25892.50
7-Oct-16	17963.51	6541.83	19399.00	25940.83	Brine+Main Steam	25940.83
8-Oct-16	17897.60	6526.48	19321.00	25847.48	Brine+Main Steam	25847.48
9-Oct-16	18122.95	6704.52	19091.00	25795.52	Brine+Main Steam	25795.52
10-Oct-16	18118.61	6612.97	19413.00	26025.97	Brine+Main Steam	26025.97
11-Oct-16	18145.49	6539.69	19228.00	25767.69	Brine+Main Steam	25767.69
12-Oct-16	18170.49	6469.62	19412.00	25881.62	Brine+Main Steam	25881.62
13-Oct-16	18184.23	6545.83	19508.00	26053.83	Brine+Main Steam	26053.83
14-Oct-16	18164.43	6706.52	19322.00	26028.52	Brine+Main Steam	26028.52
15-Oct-16	18146.16	6761.25	19404.00	26165.25	Brine+Main Steam	26165.25
16-Oct-16	18189.67	6660.45	19493.00	26153.45	Brine+Main Steam	26153.45
17-Oct-16	17532.79	7301.39	19505.00	26806.39	Brine+Main Steam	26806.39
18-Oct-16	17322.51	7381.02	19486.00	26867.02	Brine+Main Steam	26867.02
19-Oct-16	17183.87	7176.45	19487.00	26663.45	Brine+Main Steam	26663.45
20-Oct-16	17335.78	7074.02	19518.00	26592.02	Brine+Main Steam	26592.02
21-Oct-16	17539.99	7093.09	19484.00	26577.09	Brine+Main Steam	26577.09
22-Oct-16	17581.46	7131.11	19501.00	26632.11	Brine+Main Steam	26632.11
23-Oct-16	17641.66	7000.20	19519.00	26519.20	Brine+Main Steam	26519.20
24-Oct-16	17480.90	6856.51	19518.00	26374.51	Brine+Main Steam	26374.51
25-Oct-16	17695.97	7178.78	19504.00	26682.78	Brine+Main Steam	26682.78
26-Oct-16	18028.06	6920.63	19512.00	26432.63	Brine+Main Steam	26432.63
27-Oct-16	17984.27	7023.40	19440.00	26463.40	Brine+Main Steam	26463.40
28-Oct-16	18094.14	6943.01	19498.00	26441.01	Brine+Main Steam	26441.01
29-Oct-16	17853.92	6989.18	19285.00	26274.18	Brine+Main Steam	26274.18
30-Oct-16	17678.14	6965.49	19150.00	26115.49	Brine+Main Steam	26115.49
31-Oct-16	18015.98	6950.39	19107.00	26057.39	Brine+Main Steam	26057.39
1-Nov-16	18058.99	6940.38	19343.00	26283.38	Brine+Main Steam	26283.38
2-Nov-16	18126.17	6254.18	19510.00	25764.18	Brine+Main Steam	25764.18
3-Nov-16	18271.88	6397.26	19431.00	25828.26	Brine+Main Steam	25828.26
4-Nov-16	19051.95	6142.42	19281.00	25423.42	Brine+Main Steam	25423.42
5-Nov-16	18923.08	6162.62	18804.00	24966.62	Brine+Main Steam	24966.62
6-Nov-16	18950.39	6282.18	18755.00	25037.18	Brine+Main Steam	25037.18
7-Nov-16	18812.96	7198.98	19414.00	26612.98	Brine+Main Steam	26612.98
8-Nov-16	18819.24	6989.09	19391.00	26380.09	Brine+Main Steam	26380.09
9-Nov-16	18807.09	6734.62	19268.00	26002.62	Brine+Main Steam	26002.62
10-Nov-16	18782.87	6545.89	19444.00	25989.89	Brine+Main Steam	25989.89

11-Nov-16	18818.31	6520.48	19461.00	25981.48	Brine+Main Steam	25981.48
12-Nov-16	18813.29	6447.06	19460.00	25907.06	Brine+Main Steam	25907.06
13-Nov-16	18743.85	6598.02	18899.00	25497.02	Brine+Main Steam	25497.02
14-Nov-16	18669.91	6484.92	18721.00	25205.92	Brine+Main Steam	25205.92
15-Nov-16	18652.59	6242.69	18941.00	25183.69	Brine+Main Steam	25183.69
16-Nov-16	18712.33	6309.10	19298.00	25607.10	Brine+Main Steam	25607.10
17-Nov-16	18710.42	6355.11	19015.00	25370.11	Brine+Main Steam	25370.11
18-Nov-16	18716.36	6393.61	18871.00	25264.61	Brine+Main Steam	25264.61
19-Nov-16	18682.98	6393.03	18945.00	25338.03	Brine+Main Steam	25338.03
20-Nov-16	18677.47	6411.55	18840.00	25251.55	Brine+Main Steam	25251.55
21-Nov-16	18662.91	6438.65	18841.00	25279.65	Brine+Main Steam	25279.65
22-Nov-16	18661.20	6817.84	18795.00	25612.84	Brine+Main Steam	25612.84
23-Nov-16	18633.41	6786.08	18754.00	25540.08	Brine+Main Steam	25540.08
24-Nov-16	17536.64	6497.09	19332.00	25829.09	Brine+Main Steam	25829.09
25-Nov-16	17971.34	6332.64	19488.00	25820.64	Brine+Main Steam	25820.64
26-Nov-16	17013.84	5967.45	19217.00	25184.45	Brine+Main Steam	25184.45
27-Nov-16	16987.39	6161.49	19456.00	25617.49	Brine+Main Steam	25617.49
28-Nov-16	17196.29	6096.98	19474.00	25570.98	Brine+Main Steam	25570.98
29-Nov-16	17165.54	5958.06	19465.00	25423.06	Brine+Main Steam	25423.06
30-Nov-16	17184.28	5986.11	19479.00	25465.11	Brine+Main Steam	25465.11
1-Dec-16	16754.39	6018.06	19436.00	25454.06	Brine+Main Steam	25454.06
2-Dec-16	17126.55	6095.99	19202.00	25297.99	Brine+Main Steam	25297.99
3-Dec-16	17311.29	6048.67	19473.00	25521.67	Brine+Main Steam	25521.67
4-Dec-16	17245.20	5956.61	19450.00	25406.61	Brine+Main Steam	25406.61
5-Dec-16	17253.52	6018.63	19475.00	25493.63	Brine+Main Steam	25493.63
6-Dec-16	17143.25	5720.17	19483.00	25203.17	Brine+Main Steam	25203.17
7-Dec-16	17305.65	5695.98	19723.24	25419.22	Brine+Main Steam	25419.22
8-Dec-16	17257.51	5939.17	18142.26	24081.43	Brine+Main Steam	24081.43
9-Dec-16	17288.32	5904.14	15146.20	21050.34	Brine+Main Steam	21050.34
10-Dec-16	17208.96	5894.10	19387.42	25281.52	Brine+Main Steam	25281.52
11-Dec-16	16390.29	5893.31	19051.60	24944.91	Brine+Main Steam	24944.91
12-Dec-16	16641.72	5918.78	19039.46	24958.24	Brine+Main Steam	24958.24
13-Dec-16	16251.51	6900.89	19040.48	25941.36	Brine+Main Steam	25941.36
14-Dec-16	16328.78	6892.14	19054.64	25946.78	Brine+Main Steam	25946.78
15-Dec-16	16416.65	6795.93	19061.72	25857.65	Brine+Main Steam	25857.65
16-Dec-16	16351.88	6806.77	19062.73	25869.50	Brine+Main Steam	25869.50
17-Dec-16	16661.49	6783.35	19061.72	25845.06	Brine+Main Steam	25845.06

18-Dec-16	16655.77	6781.65	19061.72	25843.36	Brine+Main Steam	25843.36
19-Dec-16	16745.90	6789.34	19043.51	25832.85	Brine+Main Steam	25832.85
20-Dec-16	17343.81	6703.88	19051.60	25755.48	Brine+Main Steam	25755.48
21-Dec-16	17255.67	6733.36	19061.72	25795.07	Brine+Main Steam	25795.07
22-Dec-16	17444.82	6721.89	19061.72	25783.61	Brine+Main Steam	25783.61
23-Dec-16	17395.29	6625.54	19062.73	25688.27	Brine+Main Steam	25688.27
24-Dec-16	17208.94	6507.09	19062.73	25569.82	Brine+Main Steam	25569.82
25-Dec-16	17307.39	6553.73	19050.59	25604.32	Brine+Main Steam	25604.32
26-Dec-16	18845.71	6502.30	19051.60	25553.90	Brine+Main Steam	25553.90
27-Dec-16	19149.85	6454.67	18986.87	25441.54	Brine+Main Steam	25441.54
28-Dec-16	19100.12	6355.11	19044.52	25399.63	Brine+Main Steam	25399.63
29-Dec-16	19045.14	6337.15	18974.73	25311.88	Brine+Main Steam	25311.88
30-Dec-16	19114.61	6316.30	19010.13	25326.43	Brine+Main Steam	25326.43
31-Dec-16	19113.27	6220.50	19060.71	25281.20	Brine+Main Steam	25281.20
1-Jan-17	19130.01	6229.94	19061.72	25291.65	Brine+Main Steam	25291.65
2-Jan-17	19131.12	6246.83	19054.64	25301.46	Brine+Main Steam	25301.46
3-Jan-17	19074.91	6139.21	18988.89	25128.10	Brine+Main Steam	25128.10
4-Jan-17	19067.71	5922.03	19061.72	24983.74	Brine+Main Steam	24983.74
5-Jan-17	19067.93	5964.33	19060.71	25025.03	Brine+Main Steam	25025.03
6-Jan-17	19014.86	5890.93	19047.56	24938.49	Brine+Main Steam	24938.49
7-Jan-17	18974.37	5816.71	19061.72	24878.42	Brine+Main Steam	24878.42
8-Jan-17	18956.50	5885.47	19062.73	24948.20	Brine+Main Steam	24948.20
9-Jan-17	18925.24	5853.23	19056.66	24909.89	Brine+Main Steam	24909.89
10-Jan-17	18853.15	5833.77	19041.49	24875.26	Brine+Main Steam	24875.26
11-Jan-17	18792.19	5811.11	19062.73	24873.84	Brine+Main Steam	24873.84
12-Jan-17	18795.42	5785.37	19061.72	24847.09	Brine+Main Steam	24847.09
13-Jan-17	18714.68	5850.20	19061.72	24911.92	Brine+Main Steam	24911.92
14-Jan-17	18702.23	5846.87	18983.83	24830.70	Brine+Main Steam	24830.70
15-Jan-17	18761.59	5761.45	19040.48	24801.92	Brine+Main Steam	24801.92
16-Jan-17	18793.46	5809.83	19038.45	24848.29	Brine+Main Steam	24848.29
17-Jan-17	18723.41	5853.46	18983.83	24837.29	Brine+Main Steam	24837.29
18-Jan-17	18690.37	5926.99	19048.57	24975.56	Brine+Main Steam	24975.56
19-Jan-17	18640.09	5878.93	18963.60	24842.53	Brine+Main Steam	24842.53
20-Jan-17	17854.89	5797.89	19028.34	24826.23	Brine+Main Steam	24826.23
21-Jan-17	17452.37	5724.55	19058.68	24783.23	Brine+Main Steam	24783.23
22-Jan-17	17489.72	5627.18	19061.72	24688.90	Brine+Main Steam	24688.90
23-Jan-17	18154.24	5463.36	19062.73	24526.08	Brine+Main Steam	24526.08

24-Jan-17	18092.22	5525.36	19041.49	24566.85	Brine+Main Steam	24566.85
25-Jan-17	17707.12	5554.21	19061.72	24615.92	Brine+Main Steam	24615.92
26-Jan-17	17039.38	5838.84	19061.72	24900.56	Brine+Main Steam	24900.56
27-Jan-17	17176.12	5906.79	19062.73	24969.52	Brine+Main Steam	24969.52
28-Jan-17	16793.62	5836.19	19062.73	24898.92	Brine+Main Steam	24898.92
29-Jan-17	16791.38	5457.01	19061.72	24518.72	Brine+Main Steam	24518.72
30-Jan-17	16381.17	5790.28	19062.73	24853.01	Brine+Main Steam	24853.01
31-Jan-17	16859.17	5526.30	19040.48	24566.78	Brine+Main Steam	24566.78
1-Feb-17	16886.38	5623.73	19062.73	24686.45	Brine+Main Steam	24686.45
2-Feb-17	17099.21	5398.36	19061.72	24460.08	Brine+Main Steam	24460.08
3-Feb-17	17147.19	5378.11	19061.72	24439.83	Brine+Main Steam	24439.83
4-Feb-17	16988.02	5376.23	19062.73	24438.96	Brine+Main Steam	24438.96
5-Feb-17	16557.60	5319.02	19062.73	24381.74	Brine+Main Steam	24381.74
6-Feb-17	16668.30	5297.09	19061.72	24358.80	Brine+Main Steam	24358.80
7-Feb-17	16646.27	5528.41	19056.66	24585.07	Brine+Main Steam	24585.07
8-Feb-17	16876.52	5458.06	19062.73	24520.79	Brine+Main Steam	24520.79
9-Feb-17	16704.29	5525.08	19061.72	24586.80	Brine+Main Steam	24586.80
10-Feb-17	16521.17	5326.56	19061.72	24388.27	Brine+Main Steam	24388.27
11-Feb-17	16441.77	5465.01	19062.73	24527.74	Brine+Main Steam	24527.74
12-Feb-17	16739.95	5273.25	19000.02	24273.27	Brine+Main Steam	24273.27
13-Feb-17	16981.29	5406.10	19061.72	24467.82	Brine+Main Steam	24467.82
14-Feb-17	16813.00	5368.09	19038.45	24406.54	Brine+Main Steam	24406.54
15-Feb-17	16450.57	5283.56	19061.72	24345.28	Brine+Main Steam	24345.28
16-Feb-17	16315.55	5347.30	19055.65	24402.95	Brine+Main Steam	24402.95
17-Feb-17	17011.54	5318.08	19062.73	24380.81	Brine+Main Steam	24380.81
18-Feb-17	17464.72	4984.92	19062.73	24047.65	Brine+Main Steam	24047.65
19-Feb-17	16822.15	5356.42	19061.72	24418.13	Brine+Main Steam	24418.13
20-Feb-17	17044.01	5130.09	19062.73	24192.81	Brine+Main Steam	24192.81
21-Feb-17	16969.58	5090.88	19046.55	24137.42	Brine+Main Steam	24137.42
22-Feb-17	17366.39	4904.32	19061.72	23966.04	Brine+Main Steam	23966.04
23-Feb-17	17366.30	4672.42	19021.26	23693.68	Brine+Main Steam	23693.68
24-Feb-17	17240.00	4764.21	19061.72	23825.93	Brine+Main Steam	23825.93
25-Feb-17	17135.09	4771.77	19036.43	23808.20	Brine+Main Steam	23808.20
26-Feb-17	17222.56	4688.01	19058.68	23746.69	Brine+Main Steam	23746.69
27-Feb-17	17264.67	4688.80	19030.36	23719.16	Brine+Main Steam	23719.16
28-Feb-17	17377.38	4816.35	19061.72	23878.07	Brine+Main Steam	23878.07
1-Mar-17	17486.71	4928.57	19045.53	23974.10	Brine+Main Steam	23974.10

2-Mar-17	17288.03	5066.97	19061.72	24128.68	Brine+Main Steam	24128.68
3-Mar-17	17417.75	5011.77	19061.72	24073.48	Brine+Main Steam	24073.48
4-Mar-17	17407.65	4987.95	19062.73	24050.68	Brine+Main Steam	24050.68
5-Mar-17	17272.13	4981.17	19061.72	24042.88	Brine+Main Steam	24042.88
6-Mar-17	17425.73	5102.52	19061.72	24164.24	Brine+Main Steam	24164.24
7-Mar-17	17348.02	5264.06	19046.55	24310.61	Brine+Main Steam	24310.61
8-Mar-17	16957.41	5258.16	19056.66	24314.82	Brine+Main Steam	24314.82
9-Mar-17	16708.22	5691.24	19056.66	24747.90	Brine+Main Steam	24747.90
10-Mar-17	17029.27	5547.31	19016.20	24563.51	Brine+Main Steam	24563.51
11-Mar-17	17183.25	5461.42	19056.66	24518.08	Brine+Main Steam	24518.08
12-Mar-17	16825.15	5685.60	19066.78	24752.38	Brine+Main Steam	24752.38
13-Mar-17	16965.14	5536.73	19056.66	24593.39	Brine+Main Steam	24593.39
14-Mar-17	16928.68	5514.19	18935.28	24449.47	Brine+Main Steam	24449.47
15-Mar-17	17061.02	5450.67	19066.78	24517.44	Brine+Main Steam	24517.44
16-Mar-17	17073.73	5381.54	19046.55	24428.09	Brine+Main Steam	24428.09
17-Mar-17	16924.52	5552.53	19056.66	24609.19	Brine+Main Steam	24609.19
18-Mar-17	17433.45	5197.99	19056.66	24254.65	Brine+Main Steam	24254.65
19-Mar-17	16742.89	5611.94	19066.78	24678.71	Brine+Main Steam	24678.71
20-Mar-17	17225.29	5264.53	19016.20	24280.73	Brine+Main Steam	24280.73
21-Mar-17	17081.79	5510.06	19036.43	24546.49	Brine+Main Steam	24546.49
22-Mar-17	17071.02	5510.63	19046.55	24557.17	Brine+Main Steam	24557.17
23-Mar-17	17083.61	5525.59	19066.78	24592.37	Brine+Main Steam	24592.37
24-Mar-17	17152.92	5362.93	19056.66	24419.59	Brine+Main Steam	24419.59
25-Mar-17	16716.13	5532.29	19066.78	24599.07	Brine+Main Steam	24599.07
26-Mar-17	17167.47	5108.42	19056.66	24165.08	Brine+Main Steam	24165.08
27-Mar-17	17199.20	5033.37	19066.78	24100.15	Brine+Main Steam	24100.15
28-Mar-17	16235.63	5617.78	19036.43	24654.21	Brine+Main Steam	24654.21
29-Mar-17	16699.56	5528.80	19066.78	24595.58	Brine+Main Steam	24595.58
30-Mar-17	16652.40	5436.95	19056.66	24493.61	Brine+Main Steam	24493.61
31-Mar-17	15550.19	5337.78	19066.78	24404.56	Brine+Main Steam	24404.56
1-Apr-17	16550.73	5283.93	19066.78	24350.71	Brine+Main Steam	24350.71
2-Apr-17	16530.60	5408.65	19016.20	24424.85	Brine+Main Steam	24424.85
3-Apr-17	16435.01	5428.18	19046.55	24474.73	Brine+Main Steam	24474.73
4-Apr-17	16719.64	5410.15	18995.97	24406.12	Brine+Main Steam	24406.12
5-Apr-17	16677.44	4856.16	19056.66	23912.82	Brine+Main Steam	23912.82
6-Apr-17	16582.17	4954.34	19056.66	24011.00	Brine+Main Steam	24011.00
7-Apr-17	17173.24	4587.27	19066.78	23654.04	Brine+Main Steam	23654.04

8-Apr-17	17014.41	4510.15	19056.66	23566.81	Brine+Main Steam	23566.81
9-Apr-17	16960.66	4478.21	19066.78	23544.98	Brine+Main Steam	23544.98
10-Apr-17	16709.13	4573.69	19016.20	23589.89	Brine+Main Steam	23589.89
11-Apr-17	16481.41	4609.86	18824.02	23433.88	Brine+Main Steam	23433.88
12-Apr-17	16680.74	4686.24	19016.20	23702.44	Brine+Main Steam	23702.44
13-Apr-17	16766.07	4656.00	19056.66	23712.66	Brine+Main Steam	23712.66
14-Apr-17	16726.05	4655.52	19066.78	23722.30	Brine+Main Steam	23722.30
15-Apr-17	16718.31	4660.02	19056.66	23716.68	Brine+Main Steam	23716.68
16-Apr-17	16783.64	4673.12	19066.78	23739.90	Brine+Main Steam	23739.90
17-Apr-17	16908.96	4671.82	19056.66	23728.48	Brine+Main Steam	23728.48
18-Apr-17	16427.06	5328.64	19066.78	24395.42	Brine+Main Steam	24395.42
19-Apr-17	17203.60	5147.53	19046.55	24194.07	Brine+Main Steam	24194.07
20-Apr-17	17182.53	5106.40	19066.78	24173.18	Brine+Main Steam	24173.18
21-Apr-17	17158.40	4861.57	18995.97	23857.54	Brine+Main Steam	23857.54
22-Apr-17	17391.42	5148.53	19036.43	24184.96	Brine+Main Steam	24184.96
23-Apr-17	17377.38	5019.95	19066.78	24086.72	Brine+Main Steam	24086.72
24-Apr-17	17387.36	5036.27	19036.43	24072.70	Brine+Main Steam	24072.70
25-Apr-17	17392.64	4983.38	19046.55	24029.92	Brine+Main Steam	24029.92
26-Apr-17	17387.25	4977.55	19056.66	24034.21	Brine+Main Steam	24034.21
27-Apr-17	17372.43	4974.05	19016.20	23990.25	Brine+Main Steam	23990.25
28-Apr-17	17334.25	4977.55	19026.32	24003.87	Brine+Main Steam	24003.87
29-Apr-17	17302.51	4946.97	19046.55	23993.51	Brine+Main Steam	23993.51
30-Apr-17	17314.83	4929.51	19056.66	23986.17	Brine+Main Steam	23986.17
1-May-17	17,774.02	4662.59	19036.43	23699.02	Brine+Main Steam	23699.02
2-May-17	17,093.88	4814.76	19036.43	23851.19	Brine+Main Steam	23851.19
3-May-17	17,241.41	4605.03	19026.32	23631.35	Brine+Main Steam	23631.35
4-May-17	17,170.40	4870.63	19046.55	23917.17	Brine+Main Steam	23917.17
5-May-17	17,100.02	4738.83	18945.40	23684.22	Brine+Main Steam	23684.22
6-May-17	17,187.76	4759.10	19036.43	23795.53	Brine+Main Steam	23795.53
7-May-17	17,079.61	4817.25	19006.09	23823.34	Brine+Main Steam	23823.34
8-May-17	17,150.43	4898.20	19056.66	23954.86	Brine+Main Steam	23954.86
9-May-17	17,081.60	4914.23	18975.74	23889.97	Brine+Main Steam	23889.97
10-May-17	17,091.41	4880.84	18985.86	23866.69	Brine+Main Steam	23866.69
11-May-17	17,030.98	4842.35	17215.73	22058.08	Brine+Main Steam	22058.08
12-May-17	17,274.29	4890.10	19016.20	23906.30	Brine+Main Steam	23906.30

13-May-17	17,231.82	4853.22	19016.20	23869.42	Brine+Main Steam	23869.42
14-May-17	17,138.71	4821.24	19046.55	23867.78	Brine+Main Steam	23867.78
15-May-17	17,085.24	4819.61	19036.43	23856.04	Brine+Main Steam	23856.04
16-May-17	16,889.31	4772.73	19016.20	23788.93	Brine+Main Steam	23788.93
17-May-17	16,875.42	4777.10	19056.66	23833.76	Brine+Main Steam	23833.76
18-May-17	16,997.02	4832.59	19026.32	23858.90	Brine+Main Steam	23858.90
19-May-17	16,949.15	4760.37	19056.66	23817.03	Brine+Main Steam	23817.03
20-May-17	16,811.80	4832.08	19026.32	23858.39	Brine+Main Steam	23858.39
21-May-17	16,829.72	4807.42	18925.17	23732.59	Brine+Main Steam	23732.59
22-May-17	17,011.68	4793.22	19066.78	23859.99	Brine+Main Steam	23859.99
23-May-17	17,124.89	4486.21	19046.55	23532.75	Brine+Main Steam	23532.75
24-May-17	17,115.82	4428.11	19056.66	23484.77	Brine+Main Steam	23484.77
25-May-17	17,128.69	4428.09	19066.78	23494.87	Brine+Main Steam	23494.87
26-May-17	17,093.26	4437.10	19056.66	23493.76	Brine+Main Steam	23493.76
27-May-17	17,101.63	4404.04	19066.78	23470.82	Brine+Main Steam	23470.82
28-May-17	17,062.54	4486.13	17691.14	22177.26	Brine+Main Steam	22177.26
29-May-17	17,155.24	5129.98	19036.43	24166.41	Brine+Main Steam	24166.41
30-May-17	17,148.30	5146.88	19036.43	24183.31	Brine+Main Steam	24183.31
31-May-17	17,143.44	5059.73	19066.78	24126.50	Brine+Main Steam	24126.50
1-Jun-17	17,159.54	5,093.75	19,056.66	24150.41	Brine+Main Steam	24150.41
2-Jun-17	17,176.11	4,997.24	19,066.78	24064.02	Brine+Main Steam	24064.02
3-Jun-17	17,074.88	4,948.21	19,066.78	24014.98	Brine+Main Steam	24014.98
4-Jun-17	16,957.88	4,927.19	19,056.66	23983.85	Brine+Main Steam	23983.85
5-Jun-17	17,037.97	4,824.12	18,873.56	23697.68	Brine+Main Steam	23697.68
6-Jun-17	16,976.10	4,863.45	18,830.00	23693.45	Brine+Main Steam	23693.45
7-Jun-17	17,032.32	4,823.42	18,810.00	23633.42	Brine+Main Steam	23633.42
8-Jun-17	16,712.18	4,818.40	18,780.00	23598.40	Brine+Main Steam	23598.40
9-Jun-17	16,675.79	4,858.43	18,780.00	23638.43	Brine+Main Steam	23638.43
10-Jun-17	16,655.04	4,751.35	18,850.00	23601.35	Brine+Main Steam	23601.35
11-Jun-17	16,647.36	4,814.39	18,840.00	23654.39	Brine+Main Steam	23654.39
12-Jun-17	16,625.17	4,864.44	18,780.00	23644.44	Brine+Main Steam	23644.44
13-Jun-17	16,252.39	4,864.44	18,810.00	23674.44	Brine+Main Steam	23674.44
14-Jun-17	16,288.23	4,873.46	18,820.00	23693.46	Brine+Main Steam	23693.46
15-Jun-17	15,597.99	5,154.67	18,840.00	23994.67	Brine+Main Steam	23994.67

16-Jun-17	15,569.35	5,165.65	18,850.00	24015.65	Brine+Main Steam	24015.65
17-Jun-17	16,946.93	4,883.56	16,340.00	21223.56	Brine+Main Steam	21223.56
18-Jun-17	15,099.68	5,581.64	18,840.00	24421.64	Brine+Main Steam	24421.64
19-Jun-17	15,047.42	5,173.43	18,840.00	24013.43	Brine+Main Steam	24013.43
20-Jun-17	14,929.28	5,159.94	18,780.00	23939.94	Brine+Main Steam	23939.94
21-Jun-17	14,994.45	5,104.79	18,700.00	23804.79	Brine+Main Steam	23804.79
22-Jun-17	15,104.17	5,156.82	18,820.00	23976.82	Brine+Main Steam	23976.82
23-Jun-17	17,093.18	4,906.64	18,850.00	23756.64	Brine+Main Steam	23756.64
24-Jun-17	16,850.69	4,894.63	18,840.00	23734.63	Brine+Main Steam	23734.63
25-Jun-17	17,002.99	4,898.63	18,850.00	23748.63	Brine+Main Steam	23748.63
26-Jun-17	16,967.95	4,850.59	18,850.00	23700.59	Brine+Main Steam	23700.59
27-Jun-17	16,627.67	5,098.05	18,810.00	23908.05	Brine+Main Steam	23908.05
28-Jun-17	16,596.83	5,000.09	18,850.00	23850.09	Brine+Main Steam	23850.09
29-Jun-17	16,524.55	5,126.18	18,840.00	23966.18	Brine+Main Steam	23966.18
30-Jun-17	16,571.96	5,130.19	18,850.00	23980.19	Brine+Main Steam	23980.19
1-Jul-17	16,563.88	5,096.18	18,863.55	23959.73	Brine+Main Steam	23959.73
2-Jul-17	16,660.45	5,115.19	18,873.56	23988.76	Brine+Main Steam	23988.76
3-Jul-17	16,715.27	5,106.18	18,873.56	23979.74	Brine+Main Steam	23979.74
4-Jul-17	16,713.87	5,010.78	18,843.53	23854.30	Brine+Main Steam	23854.30
5-Jul-17	16,713.42	4,686.62	18,873.56	23560.19	Brine+Main Steam	23560.19
6-Jul-17	16,801.61	4,682.62	18,873.56	23556.18	Brine+Main Steam	23556.18
7-Jul-17	16,829.55	4,607.57	18,863.55	23471.12	Brine+Main Steam	23471.12
8-Jul-17	16,701.99	4,674.65	18,873.56	23548.21	Brine+Main Steam	23548.21
9-Jul-17	16,734.72	4,854.75	18,863.55	23718.30	Brine+Main Steam	23718.30
10-Jul-17	16,734.33	4,918.79	18,823.50	23742.29	Brine+Main Steam	23742.29
11-Jul-17	16,589.18	4,680.74	18,813.49	23494.23	Brine+Main Steam	23494.23
12-Jul-17	16,632.35	4,855.86	18,783.45	23639.31	Brine+Main Steam	23639.31
13-Jul-17	16,484.03	4,953.93	18,723.38	23677.30	Brine+Main Steam	23677.30
14-Jul-17	16,700.05	4,964.92	18,863.55	23828.47	Brine+Main Steam	23828.47
15-Jul-17	16,636.44	4,796.81	18,683.33	23480.14	Brine+Main Steam	23480.14
16-Jul-17	16,694.76	4,798.81	18,843.53	23642.34	Brine+Main Steam	23642.34
17-Jul-17	16,396.69	4,706.76	18,863.55	23570.31	Brine+Main Steam	23570.31
18-Jul-17	17,060.16	4,688.76	18,773.44	23462.19	Brine+Main Steam	23462.19
19-Jul-17	16,595.13	4,865.87	18,783.45	23649.32	Brine+Main Steam	23649.32
20-Jul-17	16,562.77	4,824.84	18,683.33	23508.17	Brine+Main Steam	23508.17
21-Jul-17	16,551.77	4,824.84	18,673.31	23498.15	Brine+Main Steam	23498.15
22-Jul-17	16,766.42	4,706.76	18,783.45	23490.21	Brine+Main Steam	23490.21

23-Jul-17	16,689.15	4,965.91	18,753.41	23719.32	Brine+Main Steam	23719.32
24-Jul-17	16,672.73	4,983.91	18,803.48	23787.38	Brine+Main Steam	23787.38
25-Jul-17	16,799.80	5,005.91	18,843.53	23849.44	Brine+Main Steam	23849.44
26-Jul-17	16,846.94	5,105.98	18,873.56	23979.54	Brine+Main Steam	23979.54
27-Jul-17	16,957.23	5,050.95	18,863.55	23914.50	Brine+Main Steam	23914.50
28-Jul-17	16,900.06	5,107.99	18,873.56	23981.55	Brine+Main Steam	23981.55
29-Jul-17	16,757.08	5,091.99	18,873.56	23965.55	Brine+Main Steam	23965.55
30-Jul-17	17,001.87	5,114.00	18,863.55	23977.55	Brine+Main Steam	23977.55
31-Jul-17	17,087.15	5,067.97	18,873.56	23941.54	Brine+Main Steam	23941.54
1-Aug-17	17,099.73	5,102.99	18,843.53	23946.51	Brine+Main Steam	23946.51
2-Aug-17	16,721.23	5,632.78	18,863.55	24496.33	Brine+Main Steam	24496.33
3-Aug-17	16,926.07	5,576.12	18,873.56	24449.68	Brine+Main Steam	24449.68
4-Aug-17	17,108.38	5,473.10	18,863.55	24336.65	Brine+Main Steam	24336.65
5-Aug-17	16,998.45	5,519.01	18,873.56	24392.58	Brine+Main Steam	24392.58
6-Aug-17	17,061.10	5,544.01	18,863.55	24407.56	Brine+Main Steam	24407.56
7-Aug-17	16,717.98	5,530.00	18,863.55	24393.55	Brine+Main Steam	24393.55
8-Aug-17	16,959.00	5,400.00	18,843.53	24243.53	Brine+Main Steam	24243.53
9-Aug-17	17,016.43	5,260.00	18,873.56	24133.56	Brine+Main Steam	24133.56
10-Aug-17	17,006.03	5,234.00	18,863.55	24097.55	Brine+Main Steam	24097.55
11-Aug-17	16,934.75	5,239.00	18,873.56	24112.56	Brine+Main Steam	24112.56
12-Aug-17	17,028.88	5,204.00	18,873.56	24077.56	Brine+Main Steam	24077.56
13-Aug-17	17,033.30	5,231.00	18,863.55	24094.55	Brine+Main Steam	24094.55
14-Aug-17	17,048.60	5,214.00	18,873.56	24087.56	Brine+Main Steam	24087.56
15-Aug-17	17,063.86	5,220.00	18,843.53	24063.53	Brine+Main Steam	24063.53
16-Aug-17	16,935.15	5,170.00	18,573.19	23743.19	Brine+Main Steam	23743.19
17-Aug-17	16,443.08	5,195.00	18,863.55	24058.55	Brine+Main Steam	24058.55
18-Aug-17	17,002.00	5,137.00	18,873.56	24010.56	Brine+Main Steam	24010.56
19-Aug-17	17,066.00	5,133.00	18,873.56	24006.56	Brine+Main Steam	24006.56
20-Aug-17	17,075.16	5,110.00	18,863.55	23973.55	Brine+Main Steam	23973.55
21-Aug-17	17,024.88	5,104.00	18,873.56	23977.56	Brine+Main Steam	23977.56
22-Aug-17	16,964.93	5,087.00	18,853.54	23940.54	Brine+Main Steam	23940.54
23-Aug-17	16,976.82	5,117.00	18,863.55	23980.55	Brine+Main Steam	23980.55
24-Aug-17	17,072.27	5,107.00	18,873.56	23980.56	Brine+Main Steam	23980.56
25-Aug-17	17,080.34	5,111.00	18,853.54	23964.54	Brine+Main Steam	23964.54
26-Aug-17	16,716.01	5,089.00	18,823.50	23912.50	Brine+Main Steam	23912.50
27-Aug-17	16,547.98	5,178.00	18,873.56	24051.56	Brine+Main Steam	24051.56
28-Aug-17	16,954.19	5,172.00	18,873.56	24045.56	Brine+Main Steam	24045.56

29-Aug-17	17,061.90	5,138.00	19,033.76	24171.76	Brine+Main Steam	24171.76
30-Aug-17	17,068.73	5,103.00	19,043.78	24146.78	Brine+Main Steam	24146.78
31-Aug-17	17,045.08	5,111.00	18,873.56	23984.56	Brine+Main Steam	23984.56
1-Sep-17	17,095.83	5,087.00	18,873.56	23960.56	Brine+Main Steam	23960.56
2-Sep-17	16,965.46	5,463.00	19,584.45	25047.45	Brine+Main Steam	25047.45
3-Sep-17	17,396.52	5,116.00	19,634.51	24750.51	Brine+Main Steam	24750.51
4-Sep-17	17,297.72	5,284.00	18,883.58	24167.58	Brine+Main Steam	24167.58
5-Sep-17	17,268.29	5,351.00	18,883.58	24234.58	Brine+Main Steam	24234.58
6-Sep-17	17,144.62	5,376.00	18,873.56	24249.56	Brine+Main Steam	24249.56
7-Sep-17	17,309.80	5,336.00	18,863.55	24199.55	Brine+Main Steam	24199.55
8-Sep-17	17,259.09	5,318.00	18,873.56	24191.56	Brine+Main Steam	24191.56
9-Sep-17	17,247.48	5,506.00	18,893.59	24399.59	Brine+Main Steam	24399.59
10-Sep-17	17,246.86	5,311.00	18,993.71	24304.71	Brine+Main Steam	24304.71
11-Sep-17	17,293.68	5,318.00	18,873.56	24191.56	Brine+Main Steam	24191.56
12-Sep-17	17,201.23	5,441.00	18,843.53	24284.53	Brine+Main Steam	24284.53
13-Sep-17	17,289.99	5,372.00	18,903.60	24275.60	Brine+Main Steam	24275.60
14-Sep-17	17,173.76	5,532.00	18,853.54	24385.54	Brine+Main Steam	24385.54
15-Sep-17	17,106.83	5,572.00	18,803.48	24375.48	Brine+Main Steam	24375.48
16-Sep-17	17,155.93	5,568.00	18,843.53	24411.53	Brine+Main Steam	24411.53
17-Sep-17	17,137.70	5,435.00	18,873.56	24308.56	Brine+Main Steam	24308.56
18-Sep-17	17,153.42	5,381.00	18,873.56	24254.56	Brine+Main Steam	24254.56
19-Sep-17	16,968.00	5,684.01	18,843.53	24527.54	Brine+Main Steam	24527.54
20-Sep-17	17,090.05	5,509.07	18,873.56	24382.63	Brine+Main Steam	24382.63
21-Sep-17	17,187.10	5,405.00	18,863.55	24268.55	Brine+Main Steam	24268.55
22-Sep-17	16,859.44	5,926.00	18,873.56	24799.56	Brine+Main Steam	24799.56
23-Sep-17	17,184.72	5,322.00	18,873.56	24195.56	Brine+Main Steam	24195.56
24-Sep-17	17,060.63	5,464.00	18,863.55	24327.55	Brine+Main Steam	24327.55
25-Sep-17	17,097.54	5,548.00	18,873.56	24421.56	Brine+Main Steam	24421.56
26-Sep-17	17,000.90	5,724.00	18,853.54	24577.54	Brine+Main Steam	24577.54
27-Sep-17	16,936.02	5,726.00	18,943.65	24669.65	Brine+Main Steam	24669.65
28-Sep-17	16,720.53	6,068.00	18,863.55	24931.55	Brine+Main Steam	24931.55
29-Sep-17	17,135.20	5,426.00	18,873.56	24299.56	Brine+Main Steam	24299.56
30-Sep-17	17,188.28	5,674.00	18,863.55	24537.55	Brine+Main Steam	24537.55
1-Oct-17	16,935.99	5,999.00	18,873.56	24872.56	Brine+Main Steam	24872.56
2-Oct-17	17,111.58	5,397.00	18,863.55	24260.55	Brine+Main Steam	24260.55
3-Oct-17	15,924.99	6,011.00	18,853.54	24864.54	Brine+Main Steam	24864.54
4-Oct-17	16,158.53	5,653.00	18,873.56	24526.56	Brine+Main Steam	24526.56

5-Oct-17	16,188.18	5,537.00	18,863.55	24400.55	Brine+Main Steam	24400.55
6-Oct-17	15,915.77	6,032.00	18,873.56	24905.56	Brine+Main Steam	24905.56
7-Oct-17	16,203.51	5,324.00	18,743.40	24067.40	Brine+Main Steam	24067.40
8-Oct-17	16,121.49	5,794.00	18,873.56	24667.56	Brine+Main Steam	24667.56
9-Oct-17	16,228.73	5,158.00	18,663.30	23821.30	Brine+Main Steam	23821.30
10-Oct-17	16,138.80	5,206.00	18,793.46	23999.46	Brine+Main Steam	23999.46
11-Oct-17	16,146.54	5,128.00	18,843.53	23971.53	Brine+Main Steam	23971.53
12-Oct-17	16,194.48	5,105.00	18,863.55	23968.55	Brine+Main Steam	23968.55
13-Oct-17	16,164.70	5,045.00	18,873.56	23918.56	Brine+Main Steam	23918.56
14-Oct-17	16,150.91	5,081.00	18,833.51	23914.51	Brine+Main Steam	23914.51
15-Oct-17	16,153.56	5,141.00	18,873.56	24014.56	Brine+Main Steam	24014.56
16-Oct-17	16,147.63	5,107.00	18,863.55	23970.55	Brine+Main Steam	23970.55
17-Oct-17	16,134.44	5,154.00	18,372.94	23526.94	Brine+Main Steam	23526.94
18-Oct-17	16,131.51	5,137.00	18,873.56	24010.56	Brine+Main Steam	24010.56
19-Oct-17	16,147.17	5,047.00	18,813.49	23860.49	Brine+Main Steam	23860.49
20-Oct-17	16,154.15	5,013.00	18,703.35	23716.35	Brine+Main Steam	23716.35
21-Oct-17	16,156.58	5,040.00	18,773.44	23813.44	Brine+Main Steam	23813.44
22-Oct-17	16,154.25	5,013.00	18,773.44	23786.44	Brine+Main Steam	23786.44
23-Oct-17	16,155.86	4,986.00	18,823.50	23809.50	Brine+Main Steam	23809.50
24-Oct-17	16,156.53	4,966.00	18,773.44	23739.44	Brine+Main Steam	23739.44
25-Oct-17	16,156.37	5,107.00	18,793.46	23900.46	Brine+Main Steam	23900.46
26-Oct-17	16,155.38	5,146.00	18,733.39	23879.39	Brine+Main Steam	23879.39
27-Oct-17	16,156.36	5,112.00	18,643.28	23755.28	Brine+Main Steam	23755.28
28-Oct-17	16,154.97	5,070.00	18,723.38	23793.38	Brine+Main Steam	23793.38
29-Oct-17	16,156.52	5,109.00	18,713.36	23822.36	Brine+Main Steam	23822.36
30-Oct-17	16,157.44	5,062.00	18,523.13	23585.13	Brine+Main Steam	23585.13
31-Oct-17	16,156.06	4,940.00	18,402.98	23342.98	Brine+Main Steam	23342.98
1-Nov-17	16,156.21	5,061.00	18,763.43	23824.43	Brine+Main Steam	23824.43
2-Nov-17	15,922.64	5,051.00	18,813.49	23864.49	Brine+Main Steam	23864.49
3-Nov-17	15,822.66	5,036.00	18,773.44	23809.44	Brine+Main Steam	23809.44
4-Nov-17	15,914.23	5,058.00	18,873.56	23931.56	Brine+Main Steam	23931.56
5-Nov-17	15,898.64	5,014.00	18,733.39	23747.39	Brine+Main Steam	23747.39
6-Nov-17	15,901.73	5,034.00	18,813.49	23847.49	Brine+Main Steam	23847.49
7-Nov-17	15,919.66	5,009.00	18,783.45	23792.45	Brine+Main Steam	23792.45
8-Nov-17	15,920.78	4,978.00	18,863.55	23841.55	Brine+Main Steam	23841.55
9-Nov-17	15,922.06	5,017.00	18,733.39	23750.39	Brine+Main Steam	23750.39
10-Nov-17	15,945.92	5,023.00	18,863.55	23886.55	Brine+Main Steam	23886.55

11-Nov-17	15,932.81	4,959.00	18,873.56	23832.56	Brine+Main Steam	23832.56
12-Nov-17	15,943.31	4,939.00	18,833.51	23772.51	Brine+Main Steam	23772.51
13-Nov-17	15,917.25	4,985.00	18,863.55	23848.55	Brine+Main Steam	23848.55
14-Nov-17	15,788.75	4,964.00	18,853.54	23817.54	Brine+Main Steam	23817.54
15-Nov-17	17,275.65	4,976.00	18,372.94	23348.94	Brine+Main Steam	23348.94
16-Nov-17	17,410.79	4,971.00	18,653.29	23624.29	Brine+Main Steam	23624.29
17-Nov-17	17,413.89	4,996.00	18,783.45	23779.45	Brine+Main Steam	23779.45
18-Nov-17	16,923.77	4,962.00	18,813.49	23775.49	Brine+Main Steam	23775.49
19-Nov-17	17,008.36	4,959.00	18,873.56	23832.56	Brine+Main Steam	23832.56
20-Nov-17	17,490.19	4,941.00	18,823.50	23764.50	Brine+Main Steam	23764.50
21-Nov-17	17,516.24	4,906.00	18,853.54	23759.54	Brine+Main Steam	23759.54
22-Nov-17	17,485.42	4,866.00	18,853.54	23719.54	Brine+Main Steam	23719.54
23-Nov-17	17,478.09	4,832.00	18,723.38	23555.38	Brine+Main Steam	23555.38
24-Nov-17	17,378.37	5,392.00	18,833.51	24225.51	Brine+Main Steam	24225.51
25-Nov-17	15,212.88	5,333.00	15,499.35	20832.35	Brine+Main Steam	20832.35
26-Nov-17	16,975.05	5,392.00	17,591.96	22983.96	Brine+Main Steam	22983.96
27-Nov-17	17,675.61	5,012.00	18,863.55	23875.55	Brine+Main Steam	23875.55
28-Nov-17	17,967.47	4,896.00	18,843.53	23739.53	Brine+Main Steam	23739.53
29-Nov-17	16,746.55	4,946.00	18,773.44	23719.44	Brine+Main Steam	23719.44
30-Nov-17	16,619.61	4,992.00	18,743.40	23735.40	Brine+Main Steam	23735.40

Monitoring Equipment

Legends

	means historical calibration by Internal Lab
	means historical calibration by External Lab
	means future calibration to be conducted
	means equipment replaced/installed

Parameter	Measurement Device	Tag Number	Brand (serial number)	Calib. Report XVI		Calib. Report XVII		Calib. Report XVIII		Calib Report XIX		Calib Report XX		Calib Report XXI				
				Calibration Date	Validity	Calibration Date	Validity	Calibration Date	Validity	Calibration Date	Validity	Calibration Date	Validity	Calibration Date	Validity	Calibration Date	Validity	
Msv, y (Ms,y in section D.2)	Multi Variable Transmitter	A2-FIT-0106	Yokogawa (S/N 91L410293)	05/12/2014	05/06/2015	05/06/2015	05/12/2015	07/12/2015	07/06/2016	07/06/2016	07/12/2016	07/12/2016	07/06/2017	05/06/2017	05/12/2017	05/12/2017	05/06/2018	Steam flow to WW-2 turbine
Mso, y (Ms,y in section D.2)	Differential Pressure Transmitter - Orifice Plate	FIT-2301	Rosemount (S/N 01830354)	05/12/2014	05/06/2015	05/06/2015	05/12/2015	05/12/2015	05/06/2016	05/06/2016	05/12/2016	05/12/2016	05/06/2017	03/06/2017	03/12/2017	03/12/2017	03/06/2018	MBB-1 Well steam flow
	Pressure Transmitter - Orifice Plate	PIT-2302	Rosemount (S/N 01830135)	05/12/2014	05/06/2015	05/06/2015	05/12/2015	05/12/2016	05/06/2016	04/06/2016	04/12/2016	04/12/2016	04/06/2017	02/06/2017	02/12/2017	02/12/2017	02/06/2018	
Mso, y (Ms,y in section D.2)	Differential Pressure Transmitter	FIT-2302	Rosemount (S/N 02990632)					07/12/2015	07/06/2016	07/06/2016	07/12/2016	07/12/2016	07/06/2017	05/06/2017	05/12/2017	05/12/2017	05/06/2018	MBB-2 Well steam flow

on D.2)	itter - Orifice Plate																	m flow
	Pressu re Transm itter - Orifice Plate	PIT- 230 4	Rosemo unt (S/N 029906 36)					05/12 /2015	05/06/ 2016	05/06/ /2016	05/12/ 2016	05/12/ 2016	05/06/ 2017	03/06/ 2017	03/12 /2017	03/12 /2017	03/06 /2018	
Mso, y (Ms,y in secti on D.2)	Difference ntial Pressu re Transm itter - Orifice Plate	FIT- 230 3	Rosemo unt (S/N 029906 33)					08/12 /2015	08/06/ 2016	08/06/ /2016	08/12/ 2016	08/12/ 2016	08/06/ 2017	06/06/ 2017	06/12 /2017	06/12 /2017	06/06 /2018	MBB- 3 Well stea m flow
	Pressu re Transm itter - Orifice Plate	PIT- 230 6	Rosemo unt (S/N 029906 37)					07/12 /2015	07/06/ 2016	07/06/ /2016	07/12/ 2016	07/12/ 2016	07/06/ 2016	05/06/ 2017	05/12 /2017	05/12 /2017	05/06 /2018	
Mso, y (Ms,y in secti on D.2)	Difference ntial Pressu re Transm itter - Orifice Plate	FIT- 230 4	Rosemo unt (S/N 029906 34)					08/12 /2015	08/06/ 2016	08/06/ /2016	08/12/ 2016	08/12/ 2016	08/06/ 2017	06/06/ 2017	06/12 /2017	06/12 /2017	06/06 /2018	MBB- 4 Well stea m flow
	Pressu re Transm itter - Orifice Plate	PIT- 230 8	Rosemo unt (S/N 029906 38)					08/12 /2015	08/06/ 2016	08/06/ /2016	08/12/ 2016	05/12/ 2016	05/06/ 2017	03/06/ 2017	03/12 /2017	03/12 /2017	03/06 /2018	
Mso, y (Ms,y in secti	Difference ntial Pressu re Transm	FIT- 230 5	Rosemo unt (S/N 029906 35)					09/12 /2015	09/06/ 2016	09/06/ /2016	09/12/ 2016	09/12/ 2016	09/06/ 2017	07/06/ 2017	07/12 /2017	07/12 /2017	07/06 /2018	MBB- 5 Well stea

on D.2)	itter - Orifice Plate																	m flow
	Pressu re Transm itter - Orifice Plate	PIT- 231 0	Rosemo unt (S/N 029906 39)					09/12 /2015	09/06/ 2016	09/06/ /2016	09/12/ 2016	09/12/ 2016	09/06/ 2017	07/06/ 2017	07/12 /2017	07/12 /2017	07/06 /2018	
Mso, y (Ms,y in secti on D.2)	Difference ntial Pressu re Transm itter - Orifice Plate	FIT- 250 1	Rosemo unt (S/N 018303 74)	03/12 /2014	03/06 /2015	03/06/ 2015	03/12 /2015	04/12 /2015	04/06/ 2016	04/06 /2016	04/12/ 2016	04/12/ 2016	04/06/ 2017	02/06/ 2017	02/12 /2017	02/12 /2017	02/06 /2018	MBA- 1 Well stea m flow
	Pressu re Transm itter - Orifice Plate	PIT- 250 2	Rosemo unt (S/N 018301 30)	03/12 /2014	03/06 /2015	03/06/ 2015	03/12 /2015	03/12 /2015	03/06/ 2016	03/06 /2016	03/12/ 2016	03/12/ 2016	03/06/ 2017	01/06/ 2017	01/12 /2017	01/12 /2017	01/06 /2018	
Mso, y (Ms,y in secti on D.2)	Difference ntial Pressu re Transm itter - Orifice Plate	FIT- 250 2	Rosemo unt (S/N 020655 17)	02/12 /2014	02/06 /2015	02/06/ 2015	02/12 /2015	03/12 /2015	03/06/ 2016	03/06 /2016	03/12/ 2016	03/12/ 2016	03/06/ 2017	01/06/ 2017	01/12 /2017	01/12 /2017	01/06 /2018	MBA- 2 Well stea m flow
	Pressu re Transm itter - Orifice Plate	PIT- 250 4	Rosemo unt (S/N 018301 31)	02/12 /2014	02/06 /2015	02/06/ 2015	02/12 /2015	12/03 /2015	03/06/ 2016	03/06 /2016	03/12/ 2016	03/12/ 2016	03/06/ 2017	01/06/ 2017	01/12 /2017	01/12 /2017	01/06 /2018	
Mso, y (Ms,y in secti	Difference ntial Pressu re Transm	FIT- 250 3	Rosemo unt (S/N 018303 60)	01/12 /2014	01/06 /2015	01/06/ 2015	01/12 /2015	02/12 /2015	02/06/ 2016	02/06 /2016	02/12/ 2016	02/12/ 2016	02/06/ 2017	02/06/ 2017	02/12 /2017	02/12 /2017	02/06 /2018	MBA- 3 Well stea

on D.2)	itter - Orifice Plate																	m flow
	Pressu re Transm itter - Orifice Plate	PIT-2506	Rosemo unt (S/N 01830132)	01/12/2014	01/06/2015	01/06/2015	01/12/2015	02/12/2015	02/06/2016	02/06/2016	02/12/2016	02/12/2016	02/06/2017	02/06/2017	02/12/2017	02/12/2017	02/06/2018	
Mso, y (Ms,y in secti on D.2)	Difference ntial Pressu re Transm itter - Orifice Plate	FIT-2504	Rosemo unt (S/N 01830361)	30/11/2014	30/05/2015	31/05/2015	30/11/2015	02/12/2015	02/06/2016	02/06/2016	02/12/2016	02/12/2016	02/06/2017	02/06/2017	02/12/2017	02/12/2017	02/06/2018	MBA-4 Well stea m flow
	Pressu re Transm itter - Orifice Plate	PIT-2508	Rosemo unt (S/N 01830133)	30/11/2014	30/05/2015	31/05/2015	30/11/2015	01/12/2015	01/06/2016	01/06/2016	01/12/2016	01/12/2016	01/06/2017	01/06/2017	01/12/2017	01/12/2017	01/06/2018	
Mso, y (Ms,y in secti on D.2)	Difference ntial Pressu re Transm itter - Orifice Plate	FIT-2505	Rosemo unt (S/N 01830359)	29/11/2014	29/05/2015	30/05/2015	30/11/2015	01/12/2015	01/06/2016	01/06/2016	01/12/2016	01/12/2016	01/06/2017	01/06/2017	01/12/2017	01/12/2017	01/06/2018	MBA-5 Well stea m flow
	Pressu re Transm itter - Orifice Plate	PIT-2510	Rosemo unt (S/N 01830134)	29/11/2014	29/05/2015	30/05/2015	30/11/2015	01/12/2015	01/06/2016	01/06/2016	01/12/2016	01/12/2016	01/06/2017	01/06/2017	01/12/2017	01/12/2017	01/06/2018	
Mso, y (Ms,y in secti	Difference ntial Pressu re Transm	FIT 501	Rosemo unt (S/N 01845811)	04/12/2014	04/06/2015	04/06/2015	04/12/2015	04/12/2015	04/06/2016	04/06/2016	04/12/2016	04/12/2016	04/06/2017	02/06/2017	02/12/2017	02/12/2017	02/06/2018	MBD-5 Well stea

on D.2)	itter - Orifice Plate																	m flow
	Pressu re Transm itter - Orifice Plate	PIT 506	Rosemo unt (S/N 015937 80)	04/12 /2014	04/06 /2015	04/06/ 2015	04/12 /2015	04/12 /2015	04/06/ 2016	04/06 /2016	04/12/ 2016	04/12/ 2016	04/06/ 2017	02/06/ 2017	02/12 /2017	02/12 /2017	02/06 /2018	
Msb, y (Ms,y in secti on D.2)	Difference ntial Pressu re Transm itter	FIT- 980	Bailey PTHDD D (S/N 8G1990 82)	04/12 /2014	04/06 /2015	04/06/ 2015	04/12 /2015	06/12 /2015	06/06/ 2016	06/06 /2016	06/12/ 2016							WWF -3 Brine Injecti on Well
	Pressu re Transm itter	PIT- 799	Yokoga wa, EJX530 A (S/N 91M523 084)	04/12 /2014	04/06 /2015	04/06/ 2015	04/12 /2015	06/12 /2015	06/06/ 2016	06/06 /2016	06/12/ 2016							
Msb, y (Ms,y in secti on D.2)	Difference ntial Pressu re Transm itter	PIT 787	Bailey PTHD (S/N:8F 195582)	05/03 /2015	05/09 /2015	04/06/ 2015	04/12 /2015	04/06 /2016	04/12/ 2016	04/06 /2016	04/12/ 2016	04/12/ 2016	04/06/ 2017	02/06/ 2017	02/12 /2017	02/12 /2017	02/06 /2018	WWF -1 Brine Injecti on Well
	Pressu re Transm itter	FIT 978	Bailey PTHD (S/N:8G 199096)	05/03 /2015	05/09 /2015	04/06/ 2015	04/12 /2015	04/06 /2016	04/12/ 2016	04/06 /2016	04/12/ 2016	04/12/ 2016	04/06/ 2017	02/06/ 2017	02/12 /2017	02/12 /2017	02/06 /2018	
FC _{dies} el,EDG (FC _{i,j} in section D.2)	Flow Totaliz er	AO-FQ- 203 3	Tokico FG8B8 35-BDL- 04-X (S/N LL 60223)	10/09 /2014	10/09 /2015	10/09/ 2015	10/09 /2016	15/09 /2016	15/09/ 2017									Emer genc y diesel gener ator

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FC _{dies} el, fire pump (FCi,j,y in section D.2)	Flow Totaliz er	AO- FQ- 203 2	Tokico FGBB8 35-BDL- 04-X (S/N LL 60217)	10/09 /2014	10/09 /2015	10/09/ 2015	10/09 /2016	15/09 /2016	15/09/ 2017								Fire pump
EG _y (Unit- 1)	Unit 1 - Main Meter (PLN)	-	Schneid er ION860 0 (MT- 0809A0 63-01)	27/08 /2013	27/08 /2018												WW- 1 electr icity meter
	Unit 1 - Check Meter (SEG)	-	ION 8600 (PT- 0807A2 49-01)	02/12 /2014	02/12 /2016	22/08/ 2016	22/08 /2018										
EG _y (Unit- 2)	Unit 2- Main Meter (PLN)	-	Schneid er ION860 0 (MT- 0806A3 88 - 01)	27/08 /2013	27/08 /2018												WW- 2 electr icity meter
	Unit 2 - Check Meter (SEG)	-	ION 8600 (PT- 0802A1 94-01)	02/12 /2014	02/12 /2016	22/08/ 2016	22/08 /2018										

Annex 5

Daily generation data from Wayang Windu Phase 1 and Wayang Windu Phase 2 geothermal power project (EG), Daily generation data from Wayang Windu Phase 1 (EG_{existing}), Quantity of steam produced (M_s), and Project emissions from steam produced (PES) during Monitoring Period.

Date	EG MWh	EGexisting MWh	EG Unit 2 MWh	M _s Tons	PES tCO ₂
1-Jan-15	4,805.88	2,396.75	2,409.13	22,588.00	210.48
2-Jan-15	4,844.56	2,412.06	2,432.50	23,298.31	217.10
3-Jan-15	4,823.69	2,425.44	2,398.25	23,256.44	216.71
4-Jan-15	4,822.31	2,415.88	2,406.44	23,281.00	216.94
5-Jan-15	4,828.56	2,413.19	2,415.38	23,070.25	214.98
6-Jan-15	4,800.44	2,398.44	2,402.00	22,806.81	212.52
7-Jan-15	4,862.38	2,426.75	2,435.63	23,236.31	216.52
8-Jan-15	4,923.00	2,453.94	2,469.06	23,972.38	223.38
9-Jan-15	4,919.44	2,449.50	2,469.94	23,523.00	219.20
10-Jan-15	4,963.44	2,474.06	2,489.38	23,670.00	220.57
11-Jan-15	4,770.31	2,369.50	2,400.81	23,219.13	216.36
12-Jan-15	4,730.94	2,343.81	2,387.13	23,107.31	215.32
13-Jan-15	4,724.63	2,359.44	2,365.19	21,799.19	203.13
14-Jan-15	4,688.94	2,351.38	2,337.56	21,192.13	197.48
15-Jan-15	4,715.56	2,339.81	2,375.75	22,559.38	210.22
16-Jan-15	4,703.06	2,350.06	2,353.00	20,871.81	194.49
17-Jan-15	4,730.50	2,363.75	2,366.75	21,946.31	204.50
18-Jan-15	4,891.81	2,431.56	2,460.25	22,757.75	212.07
19-Jan-15	4,936.13	2,464.44	2,471.69	23,501.13	218.99
20-Jan-15	4,903.06	2,442.75	2,460.31	23,479.63	218.79
21-Jan-15	4,906.81	2,445.94	2,460.88	23,415.50	218.19
22-Jan-15	4,903.31	2,448.19	2,455.13	23,315.69	217.26
23-Jan-15	4,922.19	2,447.69	2,474.50	23,283.38	216.96
24-Jan-15	4,923.69	2,453.13	2,470.56	23,388.13	217.94
25-Jan-15	4,934.75	2,471.56	2,463.19	23,296.50	217.09

26-Jan-15	4,949.63	2,456.81	2,492.81	23,070.00	214.98
27-Jan-15	4,869.44	2,653.00	2,216.44	21,224.88	197.78
28-Jan-15	4,863.50	2,459.63	2,403.88	22,911.31	213.50
29-Jan-15	4,836.19	2,406.56	2,429.63	23,194.81	216.14
30-Jan-15	4,852.94	2,419.44	2,433.50	23,398.56	218.04
31-Jan-15	4,836.81	2,413.06	2,423.75	23,260.25	216.75
1-Feb-15	4,782.13	2,102.00	2,680.13	23,271.06	216.85
2-Feb-15	4,846.44	2,363.94	2,482.50	23,248.50	216.64
3-Feb-15	4,849.63	2,422.31	2,427.31	23,116.44	215.41
4-Feb-15	4,834.63	2,414.25	2,420.38	23,099.19	215.25
5-Feb-15	4,830.94	2,407.25	2,423.69	23,214.31	216.32
6-Feb-15	4,807.63	2,406.19	2,401.44	22,697.38	211.50
7-Feb-15	4,804.81	2,662.31	2,142.50	20,782.19	193.66
8-Feb-15	4,870.06	2,460.75	2,409.31	23,074.69	215.02
9-Feb-15	4,860.00	2,428.25	2,431.75	23,089.75	215.16
10-Feb-15	4,740.19	2,370.75	2,369.44	21,745.56	202.63
11-Feb-15	4,736.38	2,370.00	2,366.38	21,493.19	200.28
12-Feb-15	4,798.13	2,402.44	2,395.69	22,433.31	209.04
13-Feb-15	4,737.00	2,364.00	2,373.00	21,627.44	201.53
14-Feb-15	4,782.94	2,394.00	2,388.94	22,270.06	207.52
15-Feb-15	4,785.44	2,379.38	2,406.06	22,959.81	213.95
16-Feb-15	4,901.13	2,439.19	2,461.94	23,001.69	214.34
17-Feb-15	4,728.38	2,358.00	2,370.38	22,227.63	207.13
18-Feb-15	4,730.94	2,369.81	2,361.13	21,621.06	201.47
19-Feb-15	4,713.13	2,355.13	2,358.00	21,657.00	201.81
20-Feb-15	4,793.75	2,392.19	2,401.56	25,214.50	234.96
21-Feb-15	4,842.00	2,419.38	2,422.63	26,130.75	243.50
22-Feb-15	4,834.38	2,413.50	2,420.88	26,025.19	242.51
23-Feb-15	5,117.25	2,542.94	2,574.31	26,260.88	244.71
24-Feb-15	5,094.75	2,668.06	2,426.69	25,842.19	240.81
25-Feb-15	5,107.88	2,542.94	2,564.94	26,191.00	244.06
26-Feb-15	4,710.75	2,028.56	2,682.19	26,089.75	243.11
27-Feb-15	4,696.31	2,307.44	2,388.88	24,851.75	231.58
28-Feb-15	4,626.81	2,148.38	2,478.44	25,415.94	236.84
1-Mar-15	4,676.50	2,094.44	2,582.06	26,000.56	242.28
2-Mar-15	4,661.50	2,174.56	2,486.94	25,904.44	241.39
3-Mar-15	4,645.25	2,154.69	2,490.56	25,840.81	240.79

4-Mar-15	4,962.13	2,339.00	2,623.13	25,979.25	242.08
5-Mar-15	5,117.94	2,432.75	2,685.19	25,948.00	241.79
6-Mar-15	5,173.75	2,490.75	2,683.00	25,710.16	239.58
7-Mar-15	5,176.00	2,495.31	2,680.69	25,748.25	239.93
8-Mar-15	5,176.44	2,495.63	2,680.81	25,748.06	239.93
9-Mar-15	5,112.75	2,446.56	2,666.19	25,712.51	239.60
10-Mar-15	4,955.38	2,443.63	2,511.75	25,832.47	240.72
11-Mar-15	4,936.31	2,409.81	2,526.50	25,707.35	239.55
12-Mar-15	4,988.25	2,457.06	2,531.19	25,877.52	241.14
13-Mar-15	4,966.50	2,463.44	2,503.06	25,845.54	240.84
14-Mar-15	4,960.00	2,448.50	2,511.50	25,691.39	239.40
15-Mar-15	5,005.13	2,479.50	2,525.63	25,775.79	240.19
16-Mar-15	5,182.88	2,581.50	2,601.38	25,769.07	240.13
17-Mar-15	5,191.94	2,573.50	2,618.44	25,786.43	240.29
18-Mar-15	5,136.69	2,558.38	2,578.31	25,888.06	241.23
19-Mar-15	5,177.06	2,583.81	2,593.25	25,958.79	241.89
20-Mar-15	5,115.81	2,552.81	2,563.00	25,871.16	241.08
21-Mar-15	5,086.81	2,529.88	2,556.94	25,917.41	241.51
22-Mar-15	5,179.50	2,584.13	2,595.38	26,111.96	243.32
23-Mar-15	5,152.31	2,589.19	2,563.13	26,045.28	242.70
24-Mar-15	5,156.31	2,562.31	2,594.00	25,691.60	239.40
25-Mar-15	5,178.25	2,574.00	2,604.25	25,832.84	240.72
26-Mar-15	5,194.44	2,579.69	2,614.75	25,838.26	240.77
27-Mar-15	5,175.50	2,576.13	2,599.38	25,670.83	239.21
28-Mar-15	5,156.44	2,576.75	2,579.69	25,839.63	240.78
29-Mar-15	5,139.63	2,658.44	2,481.19	25,615.86	238.70
30-Mar-15	5,105.56	2,432.56	2,673.00	25,889.74	241.25
31-Mar-15	5,146.31	2,537.31	2,609.00	25,853.45	240.91
1-Apr-15	5,078.13	2,539.13	2,539.00	25,954.20	241.85
2-Apr-15	5,168.19	2,569.69	2,598.50	25,867.33	241.04
3-Apr-15	5,154.75	2,578.13	2,576.63	25,856.12	240.94
4-Apr-15	5,139.50	2,563.19	2,576.31	25,927.94	241.61
5-Apr-15	5,102.75	2,535.56	2,567.19	25,711.37	239.59
6-Apr-15	5,093.38	2,524.00	2,569.38	25,769.57	240.13
7-Apr-15	5,098.00	2,533.25	2,564.75	25,663.95	239.15
8-Apr-15	5,082.50	2,535.00	2,547.50	25,719.36	239.66
9-Apr-15	5,073.06	2,526.69	2,546.38	25,740.18	239.86

10-Apr-15	5,122.69	2,548.56	2,574.13	25,653.73	239.05
11-Apr-15	5,214.31	2,594.25	2,620.06	25,726.50	239.73
12-Apr-15	5,211.44	2,592.00	2,619.44	25,648.25	239.00
13-Apr-15	5,188.63	2,579.75	2,608.88	25,629.19	238.82
14-Apr-15	5,142.81	2,556.00	2,586.81	25,476.75	237.40
15-Apr-15	5,176.44	2,572.63	2,603.81	25,506.14	237.68
16-Apr-15	5,158.38	2,557.88	2,600.50	25,595.71	238.51
17-Apr-15	5,173.25	2,563.00	2,610.25	25,607.39	238.62
18-Apr-15	5,173.38	2,570.13	2,603.25	25,517.01	237.78
19-Apr-15	5,191.56	2,577.38	2,614.19	25,578.19	238.35
20-Apr-15	5,115.25	2,434.44	2,680.81	25,800.31	240.42
21-Apr-15	5,124.69	2,443.00	2,681.69	26,135.57	243.54
22-Apr-15	5,132.88	2,454.38	2,678.50	25,803.10	240.44
23-Apr-15	5,122.94	2,434.94	2,688.00	25,856.22	240.94
24-Apr-15	5,138.38	2,452.56	2,685.81	25,855.45	240.93
25-Apr-15	5,143.50	2,451.31	2,692.19	25,825.33	240.65
26-Apr-15	5,099.06	2,410.38	2,688.69	25,783.85	240.26
27-Apr-15	4,731.65	2,376.44	2,355.21	21,696.64	202.18
28-Apr-15	4,342.76	2,162.81	2,179.94	20,680.12	192.71
29-Apr-15	4,258.87	2,126.75	2,132.12	20,489.45	190.93
30-Apr-15	4,233.96	2,121.75	2,112.21	20,564.11	191.62
1-May-15	4,216.38	2,124.19	2,092.19	20,480.41	190.84
2-May-15	4,230.29	2,114.38	2,115.91	20,435.11	190.42
3-May-15	4,227.09	2,122.81	2,104.28	20,562.13	191.61
4-May-15	4,222.05	2,106.63	2,115.43	20,367.90	189.80
5-May-15	804.88	398.38	406.50	15,766.09	171.01
6-May-15	0.00	0.00	0.00	0.00	0.00
7-May-15	0.00	0.00	0.00	0.00	0.00
8-May-15	0.00	0.00	0.00	0.00	0.00
9-May-15	0.00	0.00	0.00	0.00	0.00
10-May-15	0.00	0.00	0.00	0.00	0.00
11-May-15	0.00	0.00	0.00	0.00	0.00
12-May-15	0.00	0.00	0.00	0.00	0.00
13-May-15	0.00	0.00	0.00	0.00	0.00
14-May-15	0.00	0.00	0.00	0.00	0.00
15-May-15	0.00	0.00	0.00	0.00	0.00
16-May-15	0.00	0.00	0.00	0.00	0.00

17-May-15	0.00	0.00	0.00	0.00	0.00
18-May-15	0.00	0.00	0.00	0.00	0.00
19-May-15	0.00	0.00	0.00	0.00	0.00
20-May-15	0.00	0.00	0.00	0.00	0.00
21-May-15	0.00	0.00	0.00	0.00	0.00
22-May-15	0.00	0.00	0.00	0.00	0.00
23-May-15	0.00	0.00	0.00	0.00	0.00
24-May-15	0.00	0.00	0.00	0.00	0.00
25-May-15	0.00	0.00	0.00	0.00	0.00
26-May-15	0.00	0.00	0.00	0.00	0.00
27-May-15	0.00	0.00	0.00	0.00	0.00
28-May-15	0.00	0.00	0.00	0.00	0.00
29-May-15	0.00	0.00	0.00	0.00	0.00
30-May-15	0.00	0.00	0.00	0.00	0.00
31-May-15	0.00	0.00	0.00	0.00	0.00
1-Jun-15	0.00	0.00	0.00	0.00	0.00
2-Jun-15	0.00	0.00	0.00	0.00	0.00
3-Jun-15	0.00	0.00	0.00	0.00	0.00
4-Jun-15	0.00	0.00	0.00	0.00	0.00
5-Jun-15	0.00	0.00	0.00	0.00	0.00
6-Jun-15	0.00	0.00	0.00	0.00	0.00
7-Jun-15	0.00	0.00	0.00	0.00	0.00
8-Jun-15	0.00	0.00	0.00	0.00	0.00
9-Jun-15	0.00	0.00	0.00	0.00	0.00
10-Jun-15	0.00	0.00	0.00	0.00	0.00
11-Jun-15	0.00	0.00	0.00	0.00	0.00
12-Jun-15	0.00	0.00	0.00	0.00	0.00
13-Jun-15	0.00	0.00	0.00	0.00	0.00
14-Jun-15	0.00	0.00	0.00	0.00	0.00
15-Jun-15	0.00	0.00	0.00	0.00	0.00
16-Jun-15	0.00	0.00	0.00	0.00	0.00
17-Jun-15	0.00	0.00	0.00	0.00	0.00
18-Jun-15	0.00	0.00	0.00	0.00	0.00
19-Jun-15	0.00	0.00	0.00	0.00	0.00
20-Jun-15	0.00	0.00	0.00	0.00	0.00
21-Jun-15	0.00	0.00	0.00	0.00	0.00
22-Jun-15	0.00	0.00	0.00	0.00	0.00

23-Jun-15	0.00	0.00	0.00	0.00	0.00
24-Jun-15	0.00	0.00	0.00	0.00	0.00
25-Jun-15	0.00	0.00	0.00	0.00	0.00
26-Jun-15	0.00	0.00	0.00	0.00	0.00
27-Jun-15	0.00	0.00	0.00	0.00	0.00
28-Jun-15	0.00	0.00	0.00	0.00	0.00
29-Jun-15	0.00	0.00	0.00	0.00	0.00
30-Jun-15	0.00	0.00	0.00	0.00	0.00
1-Jul-15	0.00	0.00	0.00	0.00	0.00
2-Jul-15	0.00	0.00	0.00	0.00	0.00
3-Jul-15	0.00	0.00	0.00	0.00	0.00
4-Jul-15	0.00	0.00	0.00	0.00	0.00
5-Jul-15	0.00	0.00	0.00	0.00	0.00
6-Jul-15	0.00	0.00	0.00	0.00	0.00
7-Jul-15	0.00	0.00	0.00	0.00	0.00
8-Jul-15	0.00	0.00	0.00	0.00	0.00
9-Jul-15	0.00	0.00	0.00	0.00	0.00
10-Jul-15	0.00	0.00	0.00	0.00	0.00
11-Jul-15	0.00	0.00	0.00	0.00	0.00
12-Jul-15	0.00	0.00	0.00	0.00	0.00
13-Jul-15	0.00	0.00	0.00	0.00	0.00
14-Jul-15	0.00	0.00	0.00	0.00	0.00
15-Jul-15	0.00	0.00	0.00	0.00	0.00
16-Jul-15	0.00	0.00	0.00	0.00	0.00
17-Jul-15	0.00	0.00	0.00	0.00	0.00
18-Jul-15	0.00	0.00	0.00	0.00	0.00
19-Jul-15	0.00	0.00	0.00	0.00	0.00
20-Jul-15	0.00	0.00	0.00	0.00	0.00
21-Jul-15	0.00	0.00	0.00	0.00	0.00
22-Jul-15	0.00	0.00	0.00	0.00	0.00
23-Jul-15	0.00	0.00	0.00	0.00	0.00
24-Jul-15	0.00	0.00	0.00	0.00	0.00
25-Jul-15	0.00	0.00	0.00	0.00	0.00
26-Jul-15	0.00	0.00	0.00	0.00	0.00
27-Jul-15	0.00	0.00	0.00	0.00	0.00
28-Jul-15	0.00	0.00	0.00	0.00	0.00
29-Jul-15	0.00	0.00	0.00	0.00	0.00

30-Jul-15	0.00	0.00	0.00	0.00	0.00
31-Jul-15	0.00	0.00	0.00	0.00	0.00
1-Aug-15	0.00	0.00	0.00	0.00	0.00
2-Aug-15	0.00	0.00	0.00	0.00	0.00
3-Aug-15	0.00	0.00	0.00	0.00	0.00
4-Aug-15	0.00	0.00	0.00	0.00	0.00
5-Aug-15	0.00	0.00	0.00	0.00	0.00
6-Aug-15	0.00	0.00	0.00	0.00	0.00
7-Aug-15	0.00	0.00	0.00	0.00	0.00
8-Aug-15	0.00	0.00	0.00	0.00	0.00
9-Aug-15	0.00	0.00	0.00	0.00	0.00
10-Aug-15	0.00	0.00	0.00	0.00	0.00
11-Aug-15	0.00	0.00	0.00	0.00	0.00
12-Aug-15	0.00	0.00	0.00	0.00	0.00
13-Aug-15	0.00	0.00	0.00	0.00	0.00
14-Aug-15	0.00	0.00	0.00	0.00	0.00
15-Aug-15	0.00	0.00	0.00	0.00	0.00
16-Aug-15	0.00	0.00	0.00	0.00	0.00
17-Aug-15	0.00	0.00	0.00	0.00	0.00
18-Aug-15	0.00	0.00	0.00	0.00	0.00
19-Aug-15	0.00	0.00	0.00	0.00	0.00
20-Aug-15	0.00	0.00	0.00	0.00	0.00
21-Aug-15	0.00	0.00	0.00	0.00	0.00
22-Aug-15	0.00	0.00	0.00	0.00	0.00
23-Aug-15	0.00	0.00	0.00	0.00	0.00
24-Aug-15	0.00	0.00	0.00	0.00	0.00
25-Aug-15	0.00	0.00	0.00	0.00	0.00
26-Aug-15	0.00	0.00	0.00	0.00	0.00
27-Aug-15	0.00	0.00	0.00	0.00	0.00
28-Aug-15	0.00	0.00	0.00	0.00	0.00
29-Aug-15	0.00	0.00	0.00	0.00	0.00
30-Aug-15	0.00	0.00	0.00	0.00	0.00
31-Aug-15	0.00	0.00	0.00	0.00	0.00
1-Sep-15	0.00	0.00	0.00	0.00	0.00
2-Sep-15	0.00	0.00	0.00	0.00	0.00
3-Sep-15	0.00	0.00	0.00	0.00	0.00
4-Sep-15	0.00	0.00	0.00	0.00	0.00

5-Sep-15	0.00	0.00	0.00	0.00	0.00
6-Sep-15	0.00	0.00	0.00	0.00	0.00
7-Sep-15	2561.15	0.00	2561.15	19015.58	177.19
8-Sep-15	2311.60	146.75	2164.85	17553.21	190.39
9-Sep-15	4527.76	2404.50	2123.26	17372.89	188.43
10-Sep-15	4614.98	2374.50	2240.48	17250.43	187.11
11-Sep-15	4747.24	2026.94	2720.30	21651.18	201.75
12-Sep-15	4692.15	1969.88	2722.27	21409.03	199.50
13-Sep-15	4595.25	2617.13	1978.13	17053.26	184.97
14-Sep-15	4586.39	2715.19	1871.20	16959.85	183.95
15-Sep-15	4589.78	2367.38	2222.40	18735.82	174.59
16-Sep-15	4575.61	2306.00	2269.61	18840.85	175.57
17-Sep-15	4447.20	2280.25	2166.95	18718.12	174.42
18-Sep-15	4403.61	2691.38	1712.23	16563.28	179.65
19-Sep-15	4403.51	2713.00	1690.51	16332.98	177.15
20-Sep-15	4375.95	2705.81	1670.14	16261.09	176.37
21-Sep-15	4365.17	2701.00	1664.17	16226.57	176.00
22-Sep-15	4348.35	2680.81	1667.54	16287.01	176.66
23-Sep-15	4286.39	2597.38	1689.01	16075.96	174.37
24-Sep-15	4315.97	2620.13	1695.85	16040.84	173.99
25-Sep-15	4389.09	1735.00	2654.09	20942.69	195.15
26-Sep-15	4297.39	2458.25	1839.14	16660.67	155.25
27-Sep-15	4252.49	1518.44	2734.05	21774.17	202.90
28-Sep-15	4263.19	1518.56	2744.63	21874.30	203.83
29-Sep-15	4293.84	1562.31	2731.53	21404.56	199.46
30-Sep-15	4293.27	1556.94	2736.34	21704.80	202.25
1-Oct-15	4340.41	2055.25	2285.16	19114.50	178.12
2-Oct-15	4311.16	2166.25	2144.91	18659.32	173.87
3-Oct-15	4305.12	2062.56	2242.55	18827.03	175.44
4-Oct-15	4304.36	2060.44	2243.92	19060.12	177.61
5-Oct-15	4287.91	2057.25	2230.66	18539.27	172.76
6-Oct-15	4264.86	2029.81	2235.05	19048.58	177.50
7-Oct-15	4277.30	2041.63	2235.68	18875.89	175.89
8-Oct-15	4313.23	2152.56	2160.67	19424.80	181.01
9-Oct-15	4328.27	2160.50	2167.77	18124.63	168.89
10-Oct-15	4305.19	2177.31	2127.88	18482.90	172.23
11-Oct-15	4271.77	2693.44	1578.33	16020.98	173.77

12-Oct-15	4251.87	2272.69	1979.18	17585.60	163.87
13-Oct-15	4363.88	2459.19	1904.70	17222.77	160.49
14-Oct-15	4405.17	2528.63	1876.55	16841.78	182.67
15-Oct-15	4370.25	2450.75	1919.50	16870.37	182.98
16-Oct-15	4365.53	2463.25	1902.28	16833.68	182.59
17-Oct-15	4355.09	2386.69	1968.40	17704.52	164.98
18-Oct-15	4317.48	2415.88	1901.60	17017.70	158.58
19-Oct-15	4320.48	2382.19	1938.30	17126.09	159.59
20-Oct-15	4393.66	2401.25	1992.41	17972.94	167.48
21-Oct-15	4417.15	2415.25	2001.90	19129.20	207.48
22-Oct-15	4428.11	2414.31	2013.80	17708.09	165.01
23-Oct-15	4320.19	2387.19	1933.00	17480.63	189.60
24-Oct-15	4340.40	2380.50	1959.90	17523.05	163.29
25-Oct-15	4367.00	2387.50	1979.50	17229.59	160.55
26-Oct-15	4322.02	2362.81	1959.20	17242.43	160.67
27-Oct-15	4303.40	2352.50	1950.90	17594.72	163.95
28-Oct-15	4312.10	2362.50	1949.60	17596.02	163.97
29-Oct-15	4294.14	2342.94	1951.20	17760.41	165.50
30-Oct-15	4405.47	2441.88	1963.59	19992.67	186.30
31-Oct-15	4447.23	2477.13	1970.11	20740.92	193.27
1-Nov-15	4415.06	2439.06	1976.00	20690.59	192.80
2-Nov-15	4405.63	2433.13	1972.50	21024.10	195.91
3-Nov-15	4396.13	2425.63	1970.50	20795.00	193.78
4-Nov-15	4388.80	2424.00	1964.80	20668.80	192.60
5-Nov-15	4284.78	2346.69	1938.09	20644.10	192.37
6-Nov-15	4319.86	2373.56	1946.30	21060.59	196.25
7-Nov-15	4318.06	2380.75	1937.31	21076.60	196.40
8-Nov-15	4255.98	2673.69	1582.30	18039.70	168.10
9-Nov-15	4292.77	2382.38	1910.39	21654.61	201.79
10-Nov-15	4264.19	2339.19	1925.00	20970.80	195.41
11-Nov-15	4306.94	2349.94	1957.00	21151.84	197.10
12-Nov-15	4313.22	2358.31	1954.91	20692.90	192.82
13-Nov-15	4315.88	2359.38	1956.50	21181.09	197.37
14-Nov-15	4299.61	2346.81	1952.80	20916.20	194.91
15-Nov-15	4335.81	2379.31	1956.50	20569.60	191.68
16-Nov-15	4310.17	2374.88	1935.30	20332.90	189.47
17-Nov-15	4275.42	2337.81	1937.61	20608.50	192.04

18-Nov-15	4215.59	2131.50	2084.09	21786.91	203.02
19-Nov-15	4231.27	2241.06	1990.20	21412.00	199.53
20-Nov-15	4250.63	2306.13	1944.50	20272.39	188.91
21-Nov-15	4287.14	2338.75	1948.39	20773.09	193.57
22-Nov-15	4463.15	2429.15	2034.00	21120.20	196.81
23-Nov-15	4432.30	2162.60	2269.70	23323.41	217.34
24-Nov-15	4418.59	1943.29	2475.30	24149.30	225.03
25-Nov-15	4427.38	1952.38	2475.00	23460.41	218.61
26-Nov-15	4477.45	2218.34	2259.11	22300.69	207.81
27-Nov-15	4404.92	2248.53	2156.39	21672.61	201.95
28-Nov-15	4356.16	2167.05	2189.11	22613.59	210.72
29-Nov-15	4377.85	2188.35	2189.50	21999.52	205.00
30-Nov-15	4213.48	2111.98	2101.50	20995.19	195.64
1-Dec-15	4403.36	2068.17	2335.19	22664.00	211.19
2-Dec-15	4375.04	2001.63	2373.41	23070.70	214.98
3-Dec-15	4361.17	2096.87	2264.30	22125.09	206.17
4-Dec-15	4216.06	2067.76	2148.30	20858.80	194.37
5-Dec-15	4169.09	2069.28	2099.81	20906.00	194.81
6-Dec-15	4280.89	2136.50	2144.39	21701.37	202.22
7-Dec-15	4253.61	2116.31	2137.30	23011.66	214.43
8-Dec-15	4208.52	2043.71	2164.81	22591.16	210.51
9-Dec-15	4257.96	1979.87	2278.09	22911.76	213.50
10-Dec-15	4298.22	2114.31	2183.91	21927.78	204.33
11-Dec-15	4332.74	2158.15	2174.59	23483.90	218.83
12-Dec-15	4325.86	2160.77	2165.09	22516.46	209.82
13-Dec-15	4336.79	2168.98	2167.81	21569.10	200.99
14-Dec-15	4289.37	2571.98	1717.39	18412.35	171.57
15-Dec-15	4300.99	2248.29	2052.70	22566.77	210.29
16-Dec-15	4390.27	2220.77	2169.50	22527.05	209.92
17-Dec-15	4428.05	2244.64	2183.41	21893.28	204.01
18-Dec-15	4426.29	2237.99	2188.30	22862.49	213.04
19-Dec-15	4430.45	2242.06	2188.39	21805.18	203.19
20-Dec-15	4414.93	2238.32	2176.61	21590.75	201.19
21-Dec-15	4425.89	2258.00	2167.89	22815.21	212.60
22-Dec-15	4425.75	2321.75	2104.00	22809.07	212.54
23-Dec-15	3527.74	2614.24	913.50	15835.22	171.76
24-Dec-15	2622.40	2622.40	0.00	7100.96	77.02

25-Dec-15	2620.14	2620.14	0.00	7100.96	77.02
26-Dec-15	3816.94	2600.13	1216.81	15810.08	171.48
27-Dec-15	5214.37	2584.18	2630.19	24270.38	226.16
28-Dec-15	5193.56	2565.16	2628.41	25017.90	233.13
29-Dec-15	5156.66	2558.16	2598.50	24385.17	227.23
30-Dec-15	5123.27	2461.56	2661.70	24635.03	229.56
31-Dec-15	4782.74	2368.45	2414.30	23359.94	217.68
1-Jan-16	4,867.62	2,425.32	2,442.30	23,707.01	220.91
2-Jan-16	5,083.23	2,537.52	2,545.70	23,862.93	222.36
3-Jan-16	5,079.27	2,541.45	2,537.81	24,069.17	224.29
4-Jan-16	5,059.70	2,531.92	2,527.78	24,319.47	226.62
5-Jan-16	5,092.41	2,518.20	2,574.22	25,378.16	236.48
6-Jan-16	5,322.60	2,637.10	2,685.50	25,936.05	241.68
7-Jan-16	5,248.79	2,559.60	2,689.19	26,922.75	250.88
8-Jan-16	5,330.11	2,639.70	2,690.41	28,384.75	264.50
9-Jan-16	5,339.21	2,644.40	2,694.81	29,021.36	270.43
10-Jan-16	5,327.19	2,637.50	2,689.69	28,841.17	268.75
11-Jan-16	5,272.80	2,589.30	2,683.50	28,918.42	269.47
12-Jan-16	5,338.81	2,633.00	2,705.81	27,115.48	252.67
13-Jan-16	5,322.38	2,624.50	2,697.88	26,696.21	248.77
14-Jan-16	5,339.83	2,634.70	2,705.13	27,725.13	258.35
15-Jan-16	5,352.59	2,644.00	2,708.59	26,947.56	251.11
16-Jan-16	5,345.48	2,642.70	2,702.78	26,277.25	244.86
17-Jan-16	5,353.52	2,630.20	2,723.31	26,339.65	245.44
18-Jan-16	5,326.59	2,624.09	2,702.50	27,775.96	258.83
19-Jan-16	5,339.50	2,637.41	2,702.09	29,319.76	273.21
20-Jan-16	5,352.20	2,651.70	2,700.50	27,944.02	260.39
21-Jan-16	5,347.41	2,643.09	2,704.31	27,926.39	260.23
22-Jan-16	5,349.50	2,644.50	2,705.00	27,982.77	260.75
23-Jan-16	5,346.31	2,643.41	2,702.91	28,341.11	264.09
24-Jan-16	5,344.89	2,639.39	2,705.50	29,276.85	272.81
25-Jan-16	5,358.08	2,649.20	2,708.88	27,816.17	259.20
26-Jan-16	5,355.13	2,643.41	2,711.72	27,740.38	258.50
27-Jan-16	5,335.50	2,646.59	2,688.91	27,412.93	255.44
28-Jan-16	5,325.08	2,626.30	2,698.78	26,829.31	250.01
29-Jan-16	5,299.72	2,606.31	2,693.41	26,994.23	251.54
30-Jan-16	5,273.89	2,593.39	2,680.50	27,050.08	252.06

31-Jan-16	5,265.02	2,602.80	2,662.22	26,953.46	251.16
1-Feb-16	5,314.78	2,631.00	2,683.78	28,393.31	264.58
2-Feb-16	5,319.92	2,630.61	2,689.31	27,605.56	257.24
3-Feb-16	5,346.50	2,654.00	2,692.50	27,937.08	260.33
4-Feb-16	5,334.19	2,645.09	2,689.09	27,828.94	259.32
5-Feb-16	5,296.61	2,605.70	2,690.91	26,654.02	248.37
6-Feb-16	5,296.09	2,604.91	2,691.19	27,799.55	259.05
7-Feb-16	5,301.69	2,604.09	2,697.59	27,849.64	259.51
8-Feb-16	5,280.72	2,590.41	2,690.31	27,758.57	258.66
9-Feb-16	5,331.28	2,630.59	2,700.69	27,447.95	255.77
10-Feb-16	5,333.22	2,634.41	2,698.81	27,065.19	252.20
11-Feb-16	5,318.48	2,613.39	2,705.09	26,984.35	251.45
12-Feb-16	5,354.39	2,651.30	2,703.09	26,897.69	250.64
13-Feb-16	5,353.23	2,653.61	2,699.63	26,894.06	250.61
14-Feb-16	5,345.00	2,650.50	2,694.50	26,791.87	249.66
15-Feb-16	5,338.69	2,632.59	2,706.09	26,731.53	249.09
16-Feb-16	2,843.28	194.00	2,649.28	26,426.62	246.25
17-Feb-16	5,322.31	2,637.41	2,684.91	26,619.01	248.05
18-Feb-16	5,344.50	2,657.09	2,687.41	26,656.95	248.40
19-Feb-16	5,342.70	2,650.20	2,692.50	26,754.66	249.31
20-Feb-16	5,329.22	2,641.91	2,687.31	26,703.58	248.83
21-Feb-16	5,344.00	2,648.50	2,695.50	26,681.24	248.63
22-Feb-16	5,293.28	2,623.19	2,670.09	19,134.00	178.30
23-Feb-16	5,325.19	2,636.91	2,688.28	19,246.00	179.34
24-Feb-16	5,345.31	2,654.41	2,690.91	19,283.00	179.69
25-Feb-16	5,339.22	2,647.50	2,691.72	19,292.00	179.77
26-Feb-16	4,968.28	2,276.59	2,691.69	19,251.00	179.39
27-Feb-16	4,973.11	2,276.70	2,696.41	19,183.00	178.75
28-Feb-16	4,970.50	2,276.59	2,693.91	19,225.00	179.15
29-Feb-16	4,966.17	2,411.30	2,554.88	18,465.00	172.06
1-Mar-16	5,293.72	2,641.50	2,652.22	26,750.01	249.27
2-Mar-16	5,345.19	2,654.91	2,690.28	26,818.56	249.91
3-Mar-16	5,083.53	2,394.41	2,689.13	27,222.75	253.67
4-Mar-16	4,497.59	1,850.00	2,647.59	26,410.54	246.10
5-Mar-16	4,604.50	1,932.09	2,672.41	26,163.29	243.80
6-Mar-16	5,357.97	2,657.09	2,700.88	27,459.41	255.88
7-Mar-16	5,283.11	2,597.11	2,686.00	27,294.10	254.34

8-Mar-16	5,349.61	2,648.39	2,701.22	27,267.02	254.08
9-Mar-16	5,347.81	2,650.81	2,697.00	27,297.28	254.37
10-Mar-16	5,337.38	2,645.28	2,692.09	27,195.84	253.42
11-Mar-16	5,355.31	2,654.00	2,701.31	27,292.75	254.32
12-Mar-16	5,330.22	2,644.63	2,685.59	27,304.94	254.44
13-Mar-16	5,355.19	2,654.78	2,700.41	27,164.21	253.13
14-Mar-16	5,348.59	2,652.81	2,695.78	27,010.65	251.70
15-Mar-16	5,340.59	2,645.78	2,694.81	27,216.27	253.61
16-Mar-16	5,339.28	2,653.00	2,686.28	27,097.84	252.51
17-Mar-16	5,335.84	2,640.22	2,695.63	27,330.44	254.68
18-Mar-16	5,345.19	2,641.69	2,703.50	27,374.86	255.09
19-Mar-16	5,340.59	2,646.31	2,694.28	27,310.34	254.49
20-Mar-16	5,329.69	2,641.19	2,688.50	27,184.54	253.32
21-Mar-16	5,329.72	2,638.00	2,691.72	27,166.33	253.15
22-Mar-16	5,319.09	2,634.50	2,684.59	27,079.59	252.34
23-Mar-16	5,305.28	2,617.09	2,688.19	27,053.02	252.09
24-Mar-16	5,302.13	2,610.81	2,691.31	27,052.52	252.09
25-Mar-16	5,292.59	2,604.00	2,688.59	27,127.22	252.78
26-Mar-16	5,313.09	2,616.00	2,697.09	27,180.38	253.28
27-Mar-16	5,302.00	2,609.41	2,692.59	27,106.77	252.59
28-Mar-16	5,273.72	2,600.91	2,672.81	27,036.80	251.94
29-Mar-16	5,310.59	2,634.50	2,676.09	27,210.80	253.56
30-Mar-16	5,316.41	2,648.50	2,667.91	27,039.60	251.97
31-Mar-16	5,287.50	2,641.59	2,645.91	26,945.64	251.09
1-Apr-16	5,290.59	2,644.69	2,645.91	26,946.48	251.10
2-Apr-16	5,258.59	2,624.22	2,634.38	27,136.66	252.87
3-Apr-16	5,254.81	2,635.69	2,619.13	26,988.29	251.49
4-Apr-16	5,265.19	2,632.69	2,632.50	26,940.35	251.04
5-Apr-16	5,273.41	2,624.63	2,648.78	27,224.98	253.69
6-Apr-16	5,227.00	2,606.00	2,621.00	26,926.85	250.91
7-Apr-16	5,158.19	2,621.28	2,536.91	26,234.36	244.46
8-Apr-16	5,198.91	2,578.81	2,620.09	26,854.04	250.24
9-Apr-16	5,308.59	2,641.41	2,667.19	26,605.52	247.92
10-Apr-16	5,318.28	2,648.50	2,669.78	26,610.49	247.97
11-Apr-16	5,303.25	2,642.31	2,660.94	26,582.84	247.71
12-Apr-16	5,307.72	2,642.91	2,664.81	27,044.08	252.01
13-Apr-16	5,328.19	2,660.00	2,668.19	26,628.11	248.13

14-Apr-16	5,289.25	2,652.19	2,637.06	26,549.22	247.40
15-Apr-16	5,300.06	2,651.31	2,648.75	26,635.38	248.20
16-Apr-16	5,310.50	2,633.00	2,677.50	26,832.63	250.04
17-Apr-16	5,322.53	2,643.78	2,678.75	26,908.28	250.74
18-Apr-16	5,296.41	2,633.59	2,662.81	26,755.78	249.32
19-Apr-16	5,255.66	2,590.72	2,664.94	26,785.98	249.60
20-Apr-16	5,269.00	2,601.00	2,668.00	26,663.11	248.46
21-Apr-16	5,289.16	2,603.78	2,685.38	26,112.60	243.33
22-Apr-16	5,269.44	2,595.63	2,673.81	26,428.99	246.28
23-Apr-16	5,268.19	2,589.19	2,679.00	26,658.64	248.42
24-Apr-16	5,270.00	2,595.81	2,674.19	26,649.48	248.33
25-Apr-16	5,262.16	2,595.28	2,666.88	26,536.52	247.28
26-Apr-16	5,264.47	2,588.22	2,676.25	26,892.01	250.59
27-Apr-16	5,274.75	2,595.69	2,679.06	26,945.73	251.09
28-Apr-16	5,262.03	2,586.91	2,675.13	26,811.56	249.84
29-Apr-16	5,254.97	2,583.91	2,671.06	26,952.50	251.15
30-Apr-16	5,303.59	2,625.28	2,678.31	26,791.19	249.65
1-May-16	5,306.84	2,626.91	2,679.94	26,831.17	250.02
2-May-16	5,277.19	2,611.31	2,665.88	26,839.96	250.11
3-May-16	5,236.44	2,567.69	2,668.75	26,796.53	249.70
4-May-16	5,264.59	2,599.91	2,664.69	26,523.84	247.16
5-May-16	5,290.91	2,616.09	2,674.81	26,781.46	249.56
6-May-16	5,288.69	2,619.31	2,669.38	26,888.34	250.56
7-May-16	5,306.88	2,629.19	2,677.69	26,985.15	251.46
8-May-16	5,260.81	2,622.00	2,638.81	27,086.56	252.40
9-May-16	5,243.63	2,619.31	2,624.31	27,036.94	251.94
10-May-16	5,244.16	2,610.28	2,633.88	27,005.87	251.65
11-May-16	5,270.72	2,607.22	2,663.50	26,979.65	251.41
12-May-16	5,272.78	2,606.59	2,666.19	27,059.13	252.15
13-May-16	5,268.19	2,608.69	2,659.50	26,878.85	250.47
14-May-16	5,271.84	2,607.72	2,664.13	27,377.50	255.11
15-May-16	5,269.81	2,605.69	2,664.13	27,160.81	253.09
16-May-16	5,283.56	2,613.69	2,669.88	26,955.13	251.18
17-May-16	5,265.03	2,600.91	2,664.13	27,113.83	252.66
18-May-16	5,285.78	2,622.09	2,663.69	26,944.21	251.08
19-May-16	5,295.91	2,623.22	2,672.69	27,052.46	252.09
20-May-16	5,285.81	2,618.00	2,667.81	26,939.67	251.03

21-May-16	5,288.59	2,620.28	2,668.31	27,199.69	253.46
22-May-16	5,265.25	2,609.50	2,655.75	27,143.78	252.94
23-May-16	5,270.97	2,612.72	2,658.25	27,123.48	252.75
24-May-16	5,260.16	2,601.41	2,658.75	26,989.69	251.50
25-May-16	5,269.63	2,602.38	2,667.25	26,860.45	250.30
26-May-16	5,297.06	2,612.50	2,684.56	26,913.67	250.79
27-May-16	5,316.25	2,623.13	2,693.13	26,981.42	251.42
28-May-16	5,299.44	2,609.38	2,690.06	27,212.48	253.58
29-May-16	5,318.06	2,621.63	2,696.44	27,011.55	251.70
30-May-16	5,314.44	2,618.38	2,696.06	27,057.62	252.13
31-May-16	5,315.06	2,622.63	2,692.44	26,991.51	251.52
1-Jun-16	5,303.28	2,618.28	2,685.00	26,606.68	247.93
2-Jun-16	5,310.00	2,619.00	2,691.00	26,571.85	247.61
3-Jun-16	5,321.47	2,626.41	2,695.06	26,478.17	246.73
4-Jun-16	5,315.06	2,621.31	2,693.75	26,618.90	248.05
5-Jun-16	5,309.47	2,608.09	2,701.38	26,780.82	249.55
6-Jun-16	5,304.72	2,616.41	2,688.31	26,636.40	248.21
7-Jun-16	5,293.38	2,610.88	2,682.50	26,155.09	243.72
8-Jun-16	5,302.72	2,615.91	2,686.81	26,462.61	246.59
9-Jun-16	5,304.00	2,617.50	2,686.50	26,703.58	248.83
10-Jun-16	5,323.59	2,621.72	2,701.88	26,889.34	250.57
11-Jun-16	5,302.56	2,613.19	2,689.38	26,874.54	250.43
12-Jun-16	5,308.81	2,616.00	2,692.81	26,902.57	250.69
13-Jun-16	5,306.53	2,613.09	2,693.44	26,779.03	249.54
14-Jun-16	5,261.69	2,581.31	2,680.38	26,723.83	249.02
15-Jun-16	5,305.41	2,619.91	2,685.50	26,872.71	250.41
16-Jun-16	5,305.00	2,622.69	2,682.31	27,019.42	251.78
17-Jun-16	5,303.31	2,619.00	2,684.31	27,029.40	251.87
18-Jun-16	5,333.00	2,640.31	2,692.69	27,032.93	251.90
19-Jun-16	5,348.00	2,645.31	2,702.69	27,082.51	252.37
20-Jun-16	5,334.25	2,641.38	2,692.88	27,015.41	251.74
21-Jun-16	5,326.13	2,631.81	2,694.31	27,084.47	252.38
22-Jun-16	5,330.13	2,637.69	2,692.44	27,130.90	252.82
23-Jun-16	5,352.38	2,646.38	2,706.00	27,214.41	253.59
24-Jun-16	5,075.00	2,369.25	2,705.75	26,970.57	251.32
25-Jun-16	5,322.13	2,623.50	2,698.63	27,314.58	254.53
26-Jun-16	5,205.38	2,638.00	2,567.38	26,996.33	251.56

27-Jun-16	5,317.69	2,636.19	2,681.50	27,244.34	253.87
28-Jun-16	5,277.44	2,619.50	2,657.94	26,973.93	251.35
29-Jun-16	5,228.00	2,591.69	2,636.31	27,137.68	252.88
30-Jun-16	5,244.88	2,597.88	2,647.00	26,912.36	250.78
1-Jul-16	5243.69	2597.50	2646.19	26723.30	249.02
2-Jul-16	5201.81	2575.44	2626.38	26385.71	245.87
3-Jul-16	5207.50	2579.19	2628.31	26480.25	246.75
4-Jul-16	5219.38	2575.88	2643.50	26704.47	248.84
5-Jul-16	5272.13	2590.75	2681.38	27037.53	251.95
6-Jul-16	5300.31	2614.88	2685.44	26870.21	250.39
7-Jul-16	5279.88	2598.81	2681.06	26914.92	250.80
8-Jul-16	5288.00	2607.69	2680.31	26924.53	250.89
9-Jul-16	5265.63	2596.50	2669.13	26809.68	249.82
10-Jul-16	5237.81	2599.81	2638.00	26842.97	250.13
11-Jul-16	5242.69	2609.00	2633.69	26735.45	249.13
12-Jul-16	5218.63	2624.00	2594.63	26425.34	246.24
13-Jul-16	5253.25	2618.56	2634.69	26554.41	247.44
14-Jul-16	5282.00	2603.81	2678.19	27044.73	252.01
15-Jul-16	5260.31	2602.94	2657.38	26769.59	249.45
16-Jul-16	5284.63	2616.69	2667.94	27211.29	253.57
17-Jul-16	5283.56	2617.56	2666.00	27064.62	252.20
18-Jul-16	5278.50	2619.94	2658.56	27131.19	252.82
19-Jul-16	5285.13	2606.88	2678.25	27011.68	251.71
20-Jul-16	5274.13	2611.94	2662.19	27204.19	253.50
21-Jul-16	5270.44	2609.56	2660.88	27224.98	253.69
22-Jul-16	5257.88	2598.19	2659.69	27142.07	252.92
23-Jul-16	5285.38	2615.94	2669.44	27153.34	253.03
24-Jul-16	5314.31	2611.31	2703.00	27065.61	252.21
25-Jul-16	5336.50	2638.00	2698.50	27151.64	253.01
26-Jul-16	5325.69	2629.19	2696.50	27239.53	253.83
27-Jul-16	5201.19	2574.38	2626.81	25800.78	240.42
28-Jul-16	5213.56	2575.31	2638.25	26034.86	242.60
29-Jul-16	5310.06	2619.81	2690.25	27105.28	252.58
30-Jul-16	5244.06	2593.50	2650.56	26338.89	245.44
31-Jul-16	5205.75	2569.81	2635.94	26081.92	243.04
1-Aug-16	5276.63	2608.38	2668.25	26598.78	247.86
2-Aug-16	5284.25	2613.81	2670.44	26551.43	247.42

3-Aug-16	5177.63	2565.56	2612.06	25870.30	241.07
4-Aug-16	5191.69	2568.75	2622.94	25930.85	241.63
5-Aug-16	5198.38	2571.06	2627.31	25901.75	241.36
6-Aug-16	5199.75	2588.50	2611.25	26082.25	243.04
7-Aug-16	5177.63	2569.50	2608.13	25829.12	240.69
8-Aug-16	5177.00	2564.69	2612.31	25866.83	241.04
9-Aug-16	5175.25	2558.25	2617.00	26229.22	244.41
10-Aug-16	5133.06	2554.06	2579.00	25446.53	237.12
11-Aug-16	5125.81	2553.00	2572.81	25413.47	236.81
12-Aug-16	5118.19	2546.69	2571.50	26085.43	243.07
13-Aug-16	5126.63	2552.44	2574.19	25756.30	240.01
14-Aug-16	5163.81	2561.00	2602.81	26190.85	244.06
15-Aug-16	5205.06	2522.81	2682.25	26761.85	249.38
16-Aug-16	5215.31	2589.50	2625.81	26694.13	248.75
17-Aug-16	5192.19	2598.88	2593.31	26487.91	246.82
18-Aug-16	5312.56	2621.69	2690.88	26992.29	251.52
19-Aug-16	5312.94	2620.69	2692.25	26803.51	249.77
20-Aug-16	5321.38	2623.13	2698.25	26968.75	251.31
21-Aug-16	5318.06	2614.81	2703.25	26864.93	250.34
22-Aug-16	4951.31	2415.31	2536.00	26805.29	249.78
23-Aug-16	5272.25	2603.25	2669.00	26558.63	247.48
24-Aug-16	5248.50	2579.50	2669.00	25960.96	241.91
25-Aug-16	5232.69	2590.44	2642.25	26430.19	246.29
26-Aug-16	5233.13	2584.13	2649.00	26509.23	247.02
27-Aug-16	5227.75	2575.38	2652.38	27072.26	252.27
28-Aug-16	5243.94	2585.19	2658.75	26787.35	249.61
29-Aug-16	5293.63	2606.13	2687.50	26880.75	250.49
30-Aug-16	5293.88	2604.81	2689.06	26594.92	247.82
31-Aug-16	5297.25	2602.56	2694.69	26847.13	250.17
1-Sep-16	5314.88	2615.44	2699.44	26183.78	243.99
2-Sep-16	5234.88	2579.00	2655.88	25821.63	240.62
3-Sep-16	5299.00	2605.56	2693.44	26051.77	242.76
4-Sep-16	5289.50	2595.81	2693.69	26102.46	243.23
5-Sep-16	5285.94	2600.13	2685.81	25963.90	241.94
6-Sep-16	5300.56	2609.00	2691.56	26138.13	243.57
7-Sep-16	5302.19	2610.06	2692.13	26178.15	243.94
8-Sep-16	5309.50	2615.00	2694.50	26268.36	244.78

9-Sep-16	5308.31	2615.50	2692.81	26428.40	246.27
10-Sep-16	5259.13	2599.13	2660.00	26329.59	245.35
11-Sep-16	5234.63	2591.63	2643.00	26096.43	243.18
12-Sep-16	5143.38	2560.19	2583.19	25667.20	239.18
13-Sep-16	5286.81	2611.31	2675.50	25984.70	242.14
14-Sep-16	5295.81	2606.00	2689.81	26014.82	242.42
15-Sep-16	5293.88	2606.69	2687.19	26045.49	242.70
16-Sep-16	5248.00	2581.81	2666.19	25859.28	240.97
17-Sep-16	5174.69	2568.38	2606.31	25370.04	236.41
18-Sep-16	5222.63	2585.13	2637.50	25308.18	235.83
19-Sep-16	5227.56	2585.50	2642.06	25831.55	240.71
20-Sep-16	5220.75	2579.75	2641.00	26073.51	242.96
21-Sep-16	5276.81	2601.50	2675.31	25980.15	242.09
22-Sep-16	5283.44	2597.81	2685.63	26003.17	242.31
23-Sep-16	5293.00	2609.19	2683.81	26049.34	242.74
24-Sep-16	5290.25	2605.25	2685.00	26042.31	242.67
25-Sep-16	5288.81	2611.75	2677.06	26018.14	242.45
26-Sep-16	5223.38	2614.44	2608.94	25744.56	239.90
27-Sep-16	5228.56	2563.69	2664.88	26045.88	242.71
28-Sep-16	5264.63	2576.00	2688.63	26188.31	244.03
29-Sep-16	5266.31	2592.63	2673.69	26147.38	243.65
30-Sep-16	5250.50	2588.00	2662.50	25981.88	242.11
1-Oct-16	5267.81	2594.00	2673.81	26178.63	243.94
2-Oct-16	5208.25	2577.50	2630.75	25718.86	239.66
3-Oct-16	5227.25	2603.50	2623.75	25674.29	239.24
4-Oct-16	5206.25	2579.50	2626.75	25646.60	238.98
5-Oct-16	5210.31	2591.56	2618.75	25615.83	238.70
6-Oct-16	5242.35	2595.94	2646.41	25892.50	241.28
7-Oct-16	5257.09	2587.69	2669.40	25940.83	241.73
8-Oct-16	5251.29	2599.50	2651.79	25847.48	240.86
9-Oct-16	5225.65	2596.56	2629.09	25795.52	240.37
10-Oct-16	5231.48	2589.50	2641.98	26025.97	242.52
11-Oct-16	5230.98	2588.50	2642.48	25767.69	240.11
12-Oct-16	5249.19	2587.50	2661.69	25881.62	241.17
13-Oct-16	5271.85	2602.25	2669.60	26053.83	242.78
14-Oct-16	5261.04	2602.25	2658.79	26028.52	242.54
15-Oct-16	5276.09	2605.25	2670.84	26165.25	243.82

16-Oct-16	5290.03	2605.25	2684.78	26153.45	243.71
17-Oct-16	5278.33	2603.25	2675.08	26806.39	249.79
18-Oct-16	5292.98	2616.69	2676.29	26867.02	250.36
19-Oct-16	5261.27	2590.69	2670.58	26663.45	248.46
20-Oct-16	5280.34	2598.50	2681.84	26592.02	247.79
21-Oct-16	5283.41	2607.13	2676.28	26577.09	247.66
22-Oct-16	5266.71	2594.19	2672.52	26632.11	248.17
23-Oct-16	5299.55	2615.38	2684.18	26519.20	247.12
24-Oct-16	5272.71	2601.81	2670.90	26374.51	245.77
25-Oct-16	5277.92	2601.38	2676.54	26682.78	248.64
26-Oct-16	5275.64	2598.25	2677.39	26432.63	246.31
27-Oct-16	5256.99	2583.19	2673.80	26463.40	246.60
28-Oct-16	5283.82	2605.06	2678.76	26441.01	246.39
29-Oct-16	5242.48	2587.25	2655.23	26274.18	244.83
30-Oct-16	5225.31	2582.75	2642.56	26115.49	243.35
31-Oct-16	5246.84	2593.63	2653.21	26057.39	242.81
1-Nov-16	5245.43	2575.50	2669.93	26283.38	244.92
2-Nov-16	5283.10	2598.88	2684.23	25764.18	240.08
3-Nov-16	5276.14	2605.44	2670.70	25828.26	240.68
4-Nov-16	5213.95	2556.50	2657.45	25423.42	236.91
5-Nov-16	5153.10	2568.31	2584.79	24966.62	232.65
6-Nov-16	5140.27	2555.69	2584.58	25037.18	233.31
7-Nov-16	5244.27	2584.56	2659.70	26612.98	247.99
8-Nov-16	5239.13	2577.13	2662.00	26380.09	245.82
9-Nov-16	5235.21	2579.13	2656.09	26002.62	242.30
10-Nov-16	5241.68	2569.50	2672.18	25989.89	242.18
11-Nov-16	5238.50	2566.25	2672.25	25981.48	242.11
12-Nov-16	5231.61	2564.25	2667.36	25907.06	241.41
13-Nov-16	5200.29	2574.69	2625.60	25497.02	237.59
14-Nov-16	5171.77	2590.56	2581.20	25205.92	234.88
15-Nov-16	5185.73	2567.44	2618.30	25183.69	234.67
16-Nov-16	5206.16	2535.56	2670.60	25607.10	238.62
17-Nov-16	5196.82	2563.13	2633.70	25370.11	236.41
18-Nov-16	5196.88	2573.38	2623.50	25264.61	235.43
19-Nov-16	5187.50	2568.00	2619.50	25338.03	236.11
20-Nov-16	5166.45	2556.75	2609.70	25251.55	235.30
21-Nov-16	5173.09	2560.69	2612.40	25279.65	235.57

22-Nov-16	5157.89	2561.69	2596.20	25612.84	238.67
23-Nov-16	5125.73	2539.13	2586.60	25540.08	237.99
24-Nov-16	5258.19	2605.69	2652.50	25829.09	240.69
25-Nov-16	5291.61	2619.81	2671.80	25820.64	240.61
26-Nov-16	5239.48	2592.69	2646.80	25184.45	234.68
27-Nov-16	5237.11	2581.31	2655.80	25617.49	238.71
28-Nov-16	5252.67	2597.56	2655.11	25570.98	238.28
29-Nov-16	5282.64	2614.94	2667.70	25423.06	236.90
30-Nov-16	5284.55	2612.25	2672.30	25465.11	237.29
1-Dec-16	5294.42	2622.63	2671.80	25454.06	237.19
2-Dec-16	5258.11	2620.81	2637.30	25297.99	235.74
3-Dec-16	5268.02	2618.31	2649.70	25521.67	237.82
4-Dec-16	5269.36	2620.06	2649.30	25406.61	236.75
5-Dec-16	5263.73	2616.13	2647.61	25493.63	237.56
6-Dec-16	5287.91	2618.31	2669.59	25203.17	234.85
7-Dec-16	5288.69	2613.69	2675.00	25419.22	236.87
8-Dec-16	5286.80	2617.00	2669.80	24081.43	224.40
9-Dec-16	5305.81	2625.81	2680.00	21050.34	196.16
10-Dec-16	5294.00	2620.00	2674.00	25281.52	235.58
11-Dec-16	5174.19	2570.19	2604.00	24944.91	232.45
12-Dec-16	5190.80	2594.50	2596.30	24958.24	232.57
13-Dec-16	5311.88	2626.06	2685.81	25941.36	241.73
14-Dec-16	5291.13	2609.94	2681.19	25946.78	241.78
15-Dec-16	5307.70	2618.00	2689.70	25857.65	240.95
16-Dec-16	5289.00	2601.50	2687.50	25869.50	241.06
17-Dec-16	5298.66	2610.26	2688.41	25845.06	240.83
18-Dec-16	5296.45	2610.86	2685.59	25843.36	240.82
19-Dec-16	5285.79	2605.50	2680.30	25832.85	240.72
20-Dec-16	5306.32	2600.21	2706.11	25755.48	240.00
21-Dec-16	5327.02	2629.52	2697.50	25795.07	240.37
22-Dec-16	5306.64	2627.75	2678.89	25783.61	240.26
23-Dec-16	5320.31	2635.90	2684.41	25688.27	239.37
24-Dec-16	5313.89	2632.59	2681.30	25569.82	238.27
25-Dec-16	5308.63	2624.52	2684.11	25604.32	238.59
26-Dec-16	5269.17	2623.48	2645.69	25553.90	238.12
27-Dec-16	5295.84	2634.43	2661.41	25441.54	237.07
28-Dec-16	5279.04	2624.13	2654.91	25399.63	236.68

29-Dec-16	5256.11	2622.61	2633.50	25311.88	235.87
30-Dec-16	5287.30	2621.80	2665.50	25326.43	236.00
31-Dec-16	5307.19	2625.00	2682.19	25281.20	235.58
1-Jan-17	5301.53	2621.12	2680.41	25291.65	235.68
2-Jan-17	5278.80	2611.00	2667.80	25301.46	235.77
3-Jan-17	5242.52	2601.72	2640.80	25128.10	234.15
4-Jan-17	5260.89	2610.28	2650.61	24983.74	232.81
5-Jan-17	5264.52	2614.63	2649.89	25025.03	233.19
6-Jan-17	5262.09	2619.89	2642.20	24938.49	232.39
7-Jan-17	5260.00	2626.09	2633.91	24878.42	231.83
8-Jan-17	5256.18	2618.18	2638.00	24948.20	232.48
9-Jan-17	5218.67	2606.08	2612.59	24909.89	232.12
10-Jan-17	5213.42	2602.42	2611.00	24875.26	231.80
11-Jan-17	5210.82	2605.82	2605.00	24873.84	231.78
12-Jan-17	5224.41	2605.91	2618.50	24847.09	231.53
13-Jan-17	5204.16	2513.14	2691.02	24911.92	232.14
14-Jan-17	5216.10	2611.41	2604.69	24830.70	231.38
15-Jan-17	5244.14	2618.14	2626.00	24801.92	231.11
16-Jan-17	5229.26	2608.57	2620.69	24848.29	231.55
17-Jan-17	5236.55	2620.23	2616.31	24837.29	231.44
18-Jan-17	5246.45	2613.95	2632.50	24975.56	232.73
19-Jan-17	5212.77	2624.46	2588.31	24842.53	231.49
20-Jan-17	5295.27	2629.49	2665.78	24826.23	231.34
21-Jan-17	5272.77	2610.86	2661.91	24783.23	230.94
22-Jan-17	5255.91	2602.41	2653.50	24688.90	230.06
23-Jan-17	5295.68	2626.87	2668.81	24526.08	228.54
24-Jan-17	5291.87	2623.77	2668.09	24566.85	228.92
25-Jan-17	5240.59	2600.80	2639.78	24615.92	229.38
26-Jan-17	5320.13	2632.50	2687.63	24900.56	232.03
27-Jan-17	5311.38	2628.10	2683.28	24969.52	232.68
28-Jan-17	5231.30	2588.90	2642.41	24898.92	232.02
29-Jan-17	5192.60	2568.60	2624.00	24518.72	228.47
30-Jan-17	5237.70	2582.80	2654.91	24853.01	231.59
31-Jan-17	5284.39	2615.70	2668.69	24566.78	228.92
1-Feb-17	5308.90	2627.40	2681.50	24686.45	230.04
2-Feb-17	5327.12	2639.90	2687.22	24460.08	227.93
3-Feb-17	5314.00	2634.50	2679.50	24439.83	227.74

4-Feb-17	5325.70	2642.20	2683.50	24438.96	227.73
5-Feb-17	5327.30	2641.20	2686.09	24381.74	227.20
6-Feb-17	5325.88	2641.09	2684.78	24358.80	226.98
7-Feb-17	5303.61	2625.30	2678.31	24585.07	229.09
8-Feb-17	5305.09	2622.50	2682.59	24520.79	228.49
9-Feb-17	5307.20	2625.20	2682.00	24586.80	229.11
10-Feb-17	5286.92	2612.70	2674.22	24388.27	227.26
11-Feb-17	5283.98	2609.20	2674.78	24527.74	228.56
12-Feb-17	5256.00	2603.50	2652.50	24273.27	226.19
13-Feb-17	5280.00	2611.50	2668.50	24467.82	228.00
14-Feb-17	5272.69	2612.09	2660.59	24406.54	227.43
15-Feb-17	5230.81	2590.59	2640.22	24345.28	226.86
16-Feb-17	5237.61	2598.11	2639.50	24402.95	227.40
17-Feb-17	5296.30	2615.30	2681.00	24380.81	227.19
18-Feb-17	5291.78	2614.09	2677.69	24047.65	224.09
19-Feb-17	5282.09	2608.50	2673.59	24418.13	227.54
20-Feb-17	5232.31	2583.41	2648.91	24192.81	225.44
21-Feb-17	5177.72	2516.41	2661.31	24137.42	224.92
22-Feb-17	5241.19	2564.50	2676.69	23966.04	223.32
23-Feb-17	5242.52	2573.80	2668.72	23693.68	220.79
24-Feb-17	5233.89	2562.39	2671.50	23825.93	222.02
25-Feb-17	5221.39	2568.11	2653.28	23808.20	221.85
26-Feb-17	5220.09	2559.59	2660.50	23746.69	221.28
27-Feb-17	5234.02	2566.30	2667.72	23719.16	221.02
28-Feb-17	5227.69	2537.00	2690.69	23878.07	222.51
1-Mar-17	5244.92	2554.11	2690.81	23974.10	223.40
2-Mar-17	5241.28	2558.59	2682.69	24128.68	224.84
3-Mar-17	5232.61	2562.11	2670.50	24073.48	224.33
4-Mar-17	5230.41	2556.59	2673.81	24050.68	224.11
5-Mar-17	5234.00	2561.50	2672.50	24042.88	224.04
6-Mar-17	5219.19	2557.00	2662.19	24164.24	225.17
7-Mar-17	5231.09	2564.91	2666.19	24310.61	226.54
8-Mar-17	5219.20	2566.89	2652.31	24314.82	226.57
9-Mar-17	5199.11	2563.11	2636.00	24747.90	230.61
10-Mar-17	5223.39	2563.30	2660.09	24563.51	228.89
11-Mar-17	5216.11	2566.70	2649.41	24518.08	228.47
12-Mar-17	5297.50	2619.59	2677.91	24752.38	230.65

13-Mar-17	5270.50	2615.50	2655.00	24593.39	229.17
14-Mar-17	5273.91	2626.50	2647.41	24449.47	227.83
15-Mar-17	5286.78	2614.59	2672.19	24517.44	228.46
16-Mar-17	5229.20	2578.61	2650.59	24428.09	227.63
17-Mar-17	5253.03	2588.31	2664.72	24609.19	229.32
18-Mar-17	5235.67	2560.30	2675.38	24254.65	226.01
19-Mar-17	5222.92	2582.30	2640.63	24678.71	229.97
20-Mar-17	5241.50	2567.41	2674.09	24280.73	226.26
21-Mar-17	5224.09	2539.19	2684.91	24546.49	228.73
22-Mar-17	5229.89	2554.70	2675.19	24557.17	228.83
23-Mar-17	5254.11	2576.70	2677.41	24592.37	229.16
24-Mar-17	5254.19	2599.09	2655.09	24419.59	227.55
25-Mar-17	5236.42	2589.61	2646.81	24599.07	229.22
26-Mar-17	5245.78	2609.09	2636.69	24165.08	225.18
27-Mar-17	5204.61	2576.52	2628.09	24100.15	224.57
28-Mar-17	5201.91	2579.19	2622.72	24654.21	229.74
29-Mar-17	5255.97	2608.09	2647.88	24595.58	229.19
30-Mar-17	5230.44	2595.22	2635.22	24493.61	228.24
31-Mar-17	5190.78	2577.38	2613.41	24404.56	227.41
1-Apr-17	5197.38	2582.00	2615.38	24350.71	226.91
2-Apr-17	5189.81	2573.00	2616.81	24424.85	227.60
3-Apr-17	5180.22	2568.13	2612.09	24474.73	228.06
4-Apr-17	5194.09	2577.09	2617.00	24406.12	227.43
5-Apr-17	5190.91	2568.09	2622.81	23912.82	222.83
6-Apr-17	5186.41	2566.41	2620.00	24011.00	223.74
7-Apr-17	5216.28	2578.78	2637.50	23654.04	220.42
8-Apr-17	5198.78	2571.50	2627.28	23566.81	219.60
9-Apr-17	5185.81	2564.50	2621.31	23544.98	219.40
10-Apr-17	5156.31	2553.31	2603.00	23589.89	219.82
11-Apr-17	5091.59	2516.91	2574.69	23433.88	218.37
12-Apr-17	5134.91	2528.41	2606.50	23702.44	220.87
13-Apr-17	5172.13	2571.00	2601.13	23712.66	220.96
14-Apr-17	5157.88	2563.59	2594.28	23722.30	221.05
15-Apr-17	5168.81	2567.41	2601.41	23716.68	221.00
16-Apr-17	5172.00	2556.69	2615.31	23739.90	221.22
17-Apr-17	5191.69	2513.19	2678.50	23728.48	221.11
18-Apr-17	5243.50	2563.13	2680.38	24395.42	227.33

19-Apr-17	5251.91	2582.78	2669.13	24194.07	225.45
20-Apr-17	5270.78	2590.09	2680.69	24173.18	225.25
21-Apr-17	5222.50	2584.00	2638.50	23857.54	222.31
22-Apr-17	5200.31	2590.00	2610.31	24184.96	225.36
23-Apr-17	5187.81	2570.50	2617.31	24086.72	224.45
24-Apr-17	5164.00	2565.50	2598.50	24072.70	224.32
25-Apr-17	5157.91	2566.22	2591.69	24029.92	223.92
26-Apr-17	5165.41	2561.91	2603.50	24034.21	223.96
27-Apr-17	5151.38	2550.69	2600.69	23990.25	223.55
28-Apr-17	5159.78	2555.41	2604.38	24003.87	223.68
29-Apr-17	5155.41	2553.91	2601.50	23993.51	223.58
30-Apr-17	5159.78	2558.78	2601.00	23986.17	223.51
1-May-17	5250.41	2662.19	2588.22	23699.02	220.84
2-May-17	5275.06	2676.56	2598.50	23851.19	222.25
3-May-17	5216.13	2646.25	2569.88	23631.35	220.21
4-May-17	5269.22	2673.50	2595.72	23917.17	222.87
5-May-17	5248.78	2663.19	2585.59	23684.22	220.70
6-May-17	5276.47	2675.56	2600.91	23795.53	221.74
7-May-17	5221.53	2650.44	2571.09	23823.34	222.00
8-May-17	5244.69	2660.00	2584.69	23954.86	223.22
9-May-17	5206.31	2641.31	2565.00	23889.97	222.62
10-May-17	5213.25	2642.75	2570.50	23866.69	222.40
11-May-17	5250.25	2661.94	2588.31	22058.08	205.55
12-May-17	5256.97	2665.56	2591.41	23906.30	222.77
13-May-17	5240.91	2657.63	2583.28	23869.42	222.42
14-May-17	5239.72	2657.50	2582.22	23867.78	222.41
15-May-17	5212.28	2642.88	2569.41	23856.04	222.30
16-May-17	5124.09	2598.50	2525.59	23788.93	221.67
17-May-17	5105.44	2590.94	2514.50	23833.76	222.09
18-May-17	5251.66	2664.56	2587.09	23858.90	222.33
19-May-17	5230.13	2652.63	2577.50	23817.03	221.94
20-May-17	5227.00	2653.00	2574.00	23858.39	222.32
21-May-17	5262.06	2676.38	2585.69	23732.59	221.15
22-May-17	5198.34	2645.63	2552.72	23859.99	222.34
23-May-17	5154.38	2617.19	2537.19	23532.75	219.29
24-May-17	5178.13	2625.31	2552.81	23484.77	218.84
25-May-17	5186.88	2629.19	2557.69	23494.87	218.93

26-May-17	5243.28	2660.06	2583.22	23493.76	218.92
27-May-17	5240.09	2659.00	2581.09	23470.82	218.71
28-May-17	5214.53	2645.75	2568.78	22177.26	206.66
29-May-17	5279.50	2678.88	2600.63	24166.41	225.19
30-May-17	5352.75	2717.38	2635.38	24183.31	225.35
31-May-17	5334.97	2707.75	2627.22	24126.50	224.82
1-Jun-17	5361.88	2720.88	2641.00	24150.41	225.04
2-Jun-17	5344.13	2711.63	2632.50	24064.02	224.24
3-Jun-17	5308.97	2695.19	2613.78	24014.98	223.78
4-Jun-17	5299.19	2690.56	2608.63	23983.85	223.49
5-Jun-17	5305.94	2693.25	2612.69	23697.68	220.82
6-Jun-17	5313.44	2694.25	2619.19	23693.45	220.78
7-Jun-17	5267.16	2672.44	2594.72	23633.42	220.23
8-Jun-17	5247.47	2660.56	2586.91	23598.40	219.90
9-Jun-17	5241.09	2657.31	2583.78	23638.43	220.27
10-Jun-17	5268.13	2671.81	2596.31	23601.35	219.93
11-Jun-17	5248.91	2660.63	2588.28	23654.39	220.42
12-Jun-17	5226.59	2650.69	2575.91	23644.44	220.33
13-Jun-17	5258.09	2667.50	2590.59	23674.44	220.61
14-Jun-17	5236.22	2656.50	2579.72	23693.46	220.78
15-Jun-17	5232.09	2664.00	2568.09	23994.67	223.59
16-Jun-17	5321.81	2709.31	2612.50	24015.65	223.79
17-Jun-17	5360.09	2729.00	2631.09	21223.56	197.77
18-Jun-17	5294.34	2687.25	2607.09	24421.64	227.57
19-Jun-17	5200.00	2640.50	2559.50	24013.43	223.77
20-Jun-17	5309.94	2692.81	2617.13	23939.94	223.08
21-Jun-17	5279.97	2680.19	2599.78	23804.79	221.82
22-Jun-17	5266.47	2672.25	2594.22	23976.82	223.43
23-Jun-17	5351.94	2714.06	2637.88	23756.64	221.37
24-Jun-17	5352.94	2716.13	2636.81	23734.63	221.17
25-Jun-17	5325.91	2701.31	2624.59	23748.63	221.30
26-Jun-17	5336.09	2706.88	2629.22	23700.59	220.85
27-Jun-17	5341.38	2711.88	2629.50	23908.05	222.78
28-Jun-17	5342.13	2711.25	2630.88	23850.09	222.24
29-Jun-17	5335.38	2707.75	2627.63	23966.18	223.33
30-Jun-17	5361.53	2720.94	2640.59	23980.19	223.46
1-Jul-17	5296.97	2626.09	2670.88	23959.73	223.27

2-Jul-17	5296.22	2624.41	2671.81	23988.76	223.54
3-Jul-17	5254.81	2627.41	2627.41	23979.74	223.45
4-Jul-17	5257.19	2628.59	2628.59	23854.30	222.28
5-Jul-17	5274.38	2637.19	2637.19	23560.19	219.54
6-Jul-17	5359.14	2727.23	2631.91	23556.18	219.51
7-Jul-17	5354.42	2718.04	2636.38	23471.12	218.71
8-Jul-17	5344.62	2712.49	2632.13	23548.21	219.43
9-Jul-17	5346.73	2713.36	2633.38	23718.30	221.02
10-Jul-17	5257.45	2669.20	2588.25	23742.29	221.24
11-Jul-17	5357.28	2716.91	2640.38	23494.23	218.93
12-Jul-17	5319.78	2699.15	2620.63	23639.31	220.28
13-Jul-17	5299.40	2688.71	2610.69	23677.30	220.63
14-Jul-17	5268.20	2682.39	2585.81	23828.47	222.04
15-Jul-17	5294.50	2692.75	2601.75	23480.14	218.80
16-Jul-17	5317.02	2696.89	2620.13	23642.34	220.31
17-Jul-17	5306.68	2692.81	2613.88	23570.31	219.64
18-Jul-17	5222.04	2648.79	2573.25	23462.19	218.63
19-Jul-17	5180.30	2627.74	2552.56	23649.32	220.37
20-Jul-17	5181.74	2628.80	2552.94	23508.17	219.06
21-Jul-17	5173.76	2623.01	2550.75	23498.15	218.96
22-Jul-17	5173.45	2621.20	2552.25	23490.21	218.89
23-Jul-17	5224.01	2647.82	2576.19	23719.32	221.03
24-Jul-17	5216.48	2642.61	2573.88	23787.38	221.66
25-Jul-17	5234.11	2650.80	2583.31	23849.44	222.24
26-Jul-17	5207.36	2643.48	2563.88	23979.54	223.45
27-Jul-17	5204.50	2640.00	2564.50	23914.50	222.84
28-Jul-17	5222.59	2645.09	2577.50	23981.55	223.47
29-Jul-17	5229.10	2647.85	2581.25	23965.55	223.32
30-Jul-17	5266.17	2668.67	2597.50	23977.55	223.43
31-Jul-17	5369.43	2719.43	2650.00	23941.54	223.10
1-Aug-17	5364.55	2726.36	2638.19	23946.51	223.14
2-Aug-17	5368.05	2723.48	2644.56	24496.33	228.27
3-Aug-17	5385.68	2727.55	2658.13	24449.68	227.83
4-Aug-17	5384.77	2727.46	2657.31	24336.65	226.78
5-Aug-17	5381.11	2727.05	2654.06	24392.58	227.30
6-Aug-17	5376.79	2722.79	2654.00	24407.56	227.44
7-Aug-17	5306.61	2689.17	2617.44	24393.55	227.31

8-Aug-17	5390.63	2728.44	2662.19	24243.53	225.91
9-Aug-17	5342.76	2704.88	2637.88	24133.56	224.89
10-Aug-17	5336.54	2701.60	2634.94	24097.55	224.55
11-Aug-17	5330.10	2699.10	2631.00	24112.56	224.69
12-Aug-17	5354.40	2710.90	2643.50	24077.56	224.36
13-Aug-17	5360.96	2713.90	2647.06	24094.55	224.52
14-Aug-17	5389.44	2729.50	2659.94	24087.56	224.46
15-Aug-17	5416.80	2743.30	2673.50	24063.53	224.23
16-Aug-17	5351.47	2710.41	2641.06	23743.19	221.25
17-Aug-17	5264.00	2667.00	2597.00	24058.55	224.19
18-Aug-17	5345.11	2707.80	2637.31	24010.56	223.74
19-Aug-17	5349.73	2710.60	2639.13	24006.56	223.70
20-Aug-17	5353.40	2711.40	2642.00	23973.55	223.39
21-Aug-17	5341.08	2713.20	2627.88	23977.56	223.43
22-Aug-17	5338.92	2714.30	2624.63	23940.54	223.09
23-Aug-17	5261.00	2673.50	2587.50	23980.55	223.46
24-Aug-17	5290.11	2687.80	2602.31	23980.56	223.46
25-Aug-17	5340.80	2704.30	2636.50	23964.54	223.31
26-Aug-17	5254.97	2660.41	2594.56	23912.50	222.83
27-Aug-17	5285.53	2674.59	2610.94	24051.56	224.12
28-Aug-17	5322.41	2693.91	2628.50	24045.56	224.07
29-Aug-17	5310.77	2688.70	2622.06	24171.76	225.24
30-Aug-17	5318.02	2695.70	2622.31	24146.78	225.01
31-Aug-17	5336.38	2706.19	2630.19	23984.56	223.50
1-Sep-17	5331.72	2702.91	2628.81	23960.56	223.27
2-Sep-17	5361.91	2719.09	2642.81	25047.45	233.40
3-Sep-17	5308.30	2693.11	2615.19	24750.51	230.63
4-Sep-17	5332.98	2705.80	2627.19	24167.58	225.20
5-Sep-17	5263.42	2665.80	2597.63	24234.58	225.83
6-Sep-17	5251.80	2657.11	2594.69	24249.56	225.97
7-Sep-17	5264.17	2664.80	2599.38	24199.55	225.50
8-Sep-17	5197.20	2638.70	2558.50	24191.56	225.43
9-Sep-17	5206.94	2642.00	2564.94	24399.59	227.36
10-Sep-17	5212.50	2644.69	2567.81	24304.71	226.48
11-Sep-17	5308.97	2683.41	2625.56	24191.56	225.43
12-Sep-17	5250.83	2655.20	2595.63	24284.53	226.29
13-Sep-17	5299.61	2681.80	2617.81	24275.60	226.21

14-Sep-17	5330.50	2696.00	2634.50	24385.54	227.23
15-Sep-17	5371.66	2716.91	2654.75	24375.48	227.14
16-Sep-17	5385.03	2723.59	2661.44	24411.53	227.48
17-Sep-17	5382.59	2721.09	2661.50	24308.56	226.52
18-Sep-17	5337.61	2708.11	2629.50	24254.56	226.01
19-Sep-17	5244.09	2660.09	2584.00	24527.54	228.56
20-Sep-17	5331.58	2698.70	2632.88	24382.63	227.21
21-Sep-17	5242.03	2650.59	2591.44	24268.55	226.14
22-Sep-17	5258.19	2659.81	2598.38	24799.56	231.09
23-Sep-17	5239.39	2649.89	2589.50	24195.56	225.46
24-Sep-17	5247.98	2653.11	2594.88	24327.55	226.69
25-Sep-17	5193.20	2625.89	2567.31	24421.56	227.57
26-Sep-17	5206.69	2632.00	2574.69	24577.54	229.02
27-Sep-17	5203.91	2629.41	2574.50	24669.65	229.88
28-Sep-17	5221.59	2638.09	2583.50	24931.55	232.32
29-Sep-17	5170.91	2613.91	2557.00	24299.56	226.43
30-Sep-17	5210.83	2632.89	2577.94	24537.55	228.65
1-Oct-17	5225.50	2641.31	2584.19	24872.56	231.77
2-Oct-17	5210.47	2633.59	2576.88	24260.55	226.07
3-Oct-17	5305.72	2683.41	2622.31	24864.54	231.70
4-Oct-17	5225.61	2644.30	2581.31	24526.56	228.55
5-Oct-17	5225.78	2643.09	2582.69	24400.55	227.37
6-Oct-17	5271.91	2671.41	2600.50	24905.56	232.08
7-Oct-17	5200.08	2634.89	2565.19	24067.40	224.27
8-Oct-17	5223.09	2645.59	2577.50	24667.56	229.86
9-Oct-17	5146.00	2607.00	2539.00	23821.30	221.98
10-Oct-17	5194.63	2631.13	2563.50	23999.46	223.64
11-Oct-17	5162.91	2614.59	2548.31	23971.53	223.38
12-Oct-17	5198.19	2634.50	2563.69	23968.55	223.35
13-Oct-17	5260.31	2665.19	2595.13	23918.56	222.88
14-Oct-17	5284.78	2678.59	2606.19	23914.51	222.84
15-Oct-17	5274.41	2672.41	2602.00	24014.56	223.78
16-Oct-17	5254.94	2662.50	2592.44	23970.55	223.37
17-Oct-17	5301.75	2699.00	2602.75	23526.94	219.23
18-Oct-17	5034.81	2562.50	2472.31	24010.56	223.74
19-Oct-17	5190.56	2632.31	2558.25	23860.49	222.34
20-Oct-17	5205.72	2638.59	2567.13	23716.35	221.00

21-Oct-17	5234.06	2654.69	2579.38	23813.44	221.90
22-Oct-17	5265.25	2670.31	2594.94	23786.44	221.65
23-Oct-17	5244.78	2660.09	2584.69	23809.50	221.87
24-Oct-17	5232.28	2654.91	2577.38	23739.44	221.21
25-Oct-17	5194.63	2635.81	2558.81	23900.46	222.71
26-Oct-17	5308.50	2699.88	2608.63	23879.39	222.52
27-Oct-17	5214.69	2648.31	2566.38	23755.28	221.36
28-Oct-17	5153.94	2615.31	2538.63	23793.38	221.72
29-Oct-17	5114.69	2594.88	2519.81	23822.36	221.99
30-Oct-17	5061.47	2566.91	2494.56	23585.13	219.78
31-Oct-17	5134.91	2603.09	2531.81	23342.98	217.52
1-Nov-17	5214.44	2643.31	2571.13	23824.43	222.01
2-Nov-17	5207.94	2638.69	2569.25	23864.49	222.38
3-Nov-17	5185.44	2627.13	2558.31	23809.44	221.87
4-Nov-17	5199.72	2635.09	2564.63	23931.56	223.00
5-Nov-17	5174.59	2621.09	2553.50	23747.39	221.29
6-Nov-17	5175.00	2621.69	2553.31	23847.49	222.22
7-Nov-17	5189.72	2630.72	2559.00	23792.45	221.71
8-Nov-17	5236.38	2658.19	2578.19	23841.55	222.16
9-Nov-17	5240.97	2660.41	2580.56	23750.39	221.32
10-Nov-17	5259.44	2668.00	2591.44	23886.55	222.58
11-Nov-17	5247.19	2662.69	2584.50	23832.56	222.08
12-Nov-17	5244.50	2661.63	2582.88	23772.51	221.52
13-Nov-17	5255.28	2666.09	2589.19	23848.55	222.23
14-Nov-17	4966.63	2528.00	2438.63	23817.54	221.94
15-Nov-17	5323.81	2708.69	2615.13	23348.94	217.57
16-Nov-17	5225.41	2653.72	2571.69	23624.29	220.14
17-Nov-17	5185.56	2630.00	2555.56	23779.45	221.59
18-Nov-17	4231.25	2147.00	2084.25	23775.49	221.55
19-Nov-17	4326.28	2195.59	2130.69	23832.56	222.08
20-Nov-17	5268.59	2673.78	2594.81	23764.50	221.45
21-Nov-17	5267.59	2675.41	2592.19	23759.54	221.40
22-Nov-17	5248.66	2664.59	2584.06	23719.54	221.03
23-Nov-17	5219.06	2648.63	2570.44	23555.38	219.50
24-Nov-17	5276.38	2671.88	2604.50	24225.51	225.74
25-Nov-17	5278.41	2682.22	2596.19	20832.35	194.12
26-Nov-17	5322.78	2706.91	2615.88	22983.96	214.17

27-Nov-17	5270.03	2681.09	2588.94	23875.55	222.48
28-Nov-17	5253.97	2671.91	2582.06	23739.53	221.21
29-Nov-17	5146.63	2619.38	2527.25	23719.44	221.03
30-Nov-17	5116.13	2602.63	2513.50	23735.40	221.18

Annex 6

Check meter and Main meter measurement

EG Wayang Windu Unit 2	Unit 2 Main Meter Downloaded monthly from kWh meter MWh	Unit 2 Check Meter Downloaded monthly from kWh meter MWh	Unit 2 Check Meter Downloaded daily from DCS MWh	EG Unit 2 lowest data MWh	Difference between Main meter and Check Meter (Downloaded monthly from meter)	Difference between Main meter and Check Meter (Downloaded daily from DCS)	Difference between Check Meter (downloaded monthly from kWh meter) and Check Meter (downloaded daily from DCS)
Jan-15	75,023.791	75,031.439	75,030.375	75,023.791	0.010%	0.009%	-0.001%
Feb-15	68,022.831	68,030.396	68,030.438	68,022.831	0.011%	0.011%	0.000%
Mar-15	80,105.598	80,114.771	80,113.250	80,105.598	0.011%	0.010%	-0.002%
Apr-15	76,694.144	76,659.494	76,702.108	76,659.494	-0.045%	0.010%	0.056%
May-15	8,832.869	8,833.364	8,834.317	8,832.869	0.006%	0.016%	0.011%
Jun-15	0.000	0.000	0.000	0.000	#DIV/0!	#DIV/0!	#DIV/0!
Jul-15	0.000	0.000	0.000	0.000	#DIV/0!	#DIV/0!	#DIV/0!
Aug-15	0.000	0.000	0.000	0.000	#DIV/0!	#DIV/0!	#DIV/0!
Sep-15	52,409.225	52,417.570	52,269.826	52,269.826	0.016%	-0.267%	-0.282%
Oct-15	62,662.930	62,669.970	62,668.180	62,662.930	0.011%	0.008%	-0.003%
Nov-15	60,884.273	60,892.052	60,890.594	60,884.273	0.013%	0.010%	-0.002%
Dec-15	62,640.999	62,648.332	62,648.59	62,641.00	0.012%	0.012%	0.000%
Jan-16	82,763.509	82,774.928	82,771.625	82,763.509	0.014%	0.010%	-0.004%
Feb-16	77,900.039	77,909.404	77,907.375	77,900.039	0.012%	0.009%	-0.003%
Mar-16	83,261.583	83,272.139	83,271.719	83,261.583	0.013%	0.012%	-0.001%
Apr-16	79,679.133	79,689.271	78,568.406	78,568.406	0.013%	-1.414%	-1.407%
May-16	82,707.077	82,718.085	82,714.750	82,707.077	0.013%	0.009%	-0.004%
Jun-16	80,486.756	80,497.426	80,495.813	80,486.756	0.013%	0.011%	-0.002%

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Jul-16	82,432.731	82,443.633	82,441.000	82,432.731	0.013%	0.010%	-0.003%
Aug-16	81,940.747	81,951.377	81,783.625	81,783.625	0.013%	-0.192%	-0.205%
Sep-16	80,026.657	80,036.830	80,036.438	80,026.657	0.013%	0.012%	0.000%
Oct-16	82,455.629	82,466.276	82,465.828	82,455.629	0.013%	0.012%	-0.001%
Nov-16	79,229.916	79,240.674	79,240.563	79,229.916	0.014%	0.013%	0.000%
Dec-16	82,688.574	82,699.859	82,698.391	82,688.574	0.014%	0.012%	-0.002%
Jan-17	81,938.697	81,949.650	81,949.000	0.000	0.013%	0.013%	-0.001%
Feb-17	74,777.507	74,787.855	74,787.406	74,777.507	0.014%	0.013%	-0.001%
Mar-17	82,385.025	82,396.315	82,397.813	82,385.025	0.014%	0.016%	0.002%
Apr-17	78,552.661	78,564.325	78,562.563	78,552.661	0.013%	-0.002%	-0.002%
May-17	81,678.593	81,691.166	79,905.810	79,906	-2.219%	-2.185%	-2.185%
Jun-17	79,805.511	79,818.162	78,270.500	78,271	-1.961%	-1.939%	-1.939%
Jul-17	82,810.944	82,824.462	78,050.910	78,051	-6.099%	-5.763%	-5.763%
Aug-17	82,820.848	82,834.706	79,027.380	79,027	-4.800%	-4.596%	-4.596%
Sep-17	82,820.848	82,834.706	78,103.630	78,104	-6.040%	-5.711%	-5.711%
Oct-17	80,761.602	80,774.833	79,656.250	79,656	-1.388%	-1.385%	-1.385%
Nov-17	78,194.092	78,207.422	76,201.630	76,202	-2.615%	-2.565%	-2.565%
Dec-17				0			

EG _y	Main meters Downloaded monthly from kWh meter MWh	Check meters Downloaded monthly from kWh meter MWh	Check meters Downloaded daily from DCS MWh	EG _y lowest data MWh	Difference between Main meter and Check Meter (Downloaded monthly from meter)	Difference between Main meter and Check Meter (Downloaded daily from DCS)	Difference between Check Meter (downloaded monthly from kWh meter) and Check Meter (downloaded daily from DCS)
Jan-15	150,150.097	150,187.373	150,187.875	150,150.097	0.02482%	0.025%	0.000%
Feb-15	134,925.681	134,963.788	134,963.750	134,925.681	0.02823%	0.028%	0.000%
Mar-15	156,947.925	156,991.753	156,989.250	156,947.925	0.028%	0.026%	-0.002%
Apr-15	151,143.561	151,143.837	151,187.045	151,143.561	0.000%	0.029%	0.029%
May-15	17,694.371	17,700.462	17,700.692	17,694.371	0.034%	0.036%	0.001%
Jun-15	0.000	0.000	0.000	0.000	#DIV/0!	#DIV/0!	#DIV/0!
Jul-15	0.000	0.000	0.000	0.000	#DIV/0!	#DIV/0!	#DIV/0!
Aug-15	0.000	0.000	0.000	0.000	#DIV/0!	#DIV/0!	#DIV/0!
Sep-15	102,646.466	102,683.163	102,537.326	102,537.326	0.036%	-0.106%	-0.142%
Oct-15	134,363.154	134,412.301	134,410.180	134,363.154	0.037%	0.035%	-0.002%
Nov-15	130,015.427	130,065.559	130,054.186	130,015.427	0.039%	0.030%	-0.009%
Dec-15	133,357.001	133,410.230	133,409.119	133,357.001	0.040%	0.039%	-0.001%

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Jan-16	163,634.957	163,697.268	163,694.336	163,634.957	0.038%	0.036%	-0.002%
Feb-16	150,516.295	150,573.085	150,571.875	150,516.295	0.038%	0.037%	-0.001%
Mar-16	163,209.943	163,275.364	163,273.031	163,209.943	0.040%	0.039%	-0.001%
Apr-16	158,190.815	158,258.362	157,136.813	157,136.813	0.043%	-0.671%	-0.709%
May-16	163,635.314	163,707.997	163,704.469	163,635.314	0.044%	0.042%	-0.002%
Jun-16	158,806.215	158,876.333	158,875.375	158,806.215	0.044%	0.044%	-0.001%
Jul-16	163,073.327	163,147.224	163,143.750	163,073.327	0.045%	0.043%	-0.002%
Aug-16	161,934.711	162,009.531	161,697.500	161,697.500	0.046%	-0.147%	-0.193%
Sep-16	157,838.967	157,918.024	157,917.688	157,838.967	0.050%	0.050%	0.000%
Oct-16	162,867.948	162,950.504	162,951.203	162,867.948	0.051%	0.051%	0.000%
Nov-16	156,476.922	156,556.976	156,556.938	156,476.922	0.051%	0.051%	0.000%
Dec-16	163,767.396	163,850.191	163,839.876	163,767.396	0.051%	0.044%	-0.006%
Jan-17	162,725.104	162,811.962	162,812.863	162,725.104	0.053%	0.054%	0.001%
Feb-17	147,514.702	147,593.291	147,593.797	147,514.702	0.053%	0.054%	0.000%
Mar-17	162,245.365	162,332.287	162,330.516	162,245.365	0.054%	0.052%	-0.001%
Apr-17	155,392.589	155,476.111	155,475.469	155,392.589	0.054%	0.053%	0.000%
May-17	161,510.582	161,596.951	159,811.620	159,811.620	0.053%	-1.063%	-1.105%
Jun-17	158,001.685	158,086.907	158,939.190	158,001.685	0.054%	0.590%	0.539%
Jul-17	163,343.760	163,431.983	157,940.390	157,940.390	0.054%	-3.421%	-3.360%
Aug-17	164,410.996	164,496.862	160,216.470	160,216.470	0.052%	-2.618%	-2.602%
Sep-17	164,410.996	164,496.862	158,168.130	158,168.130	0.052%	-3.947%	-3.847%
Oct-17	160,346.131	160,432.661	161,556.340	160,346.131	0.054%	0.749%	0.700%
Nov-17	154,327.773	154,409.957	154,757.760	154,327.773	0.053%	0.278%	0.225%
Dec-17	0.000	0.000	0.000	0.000			

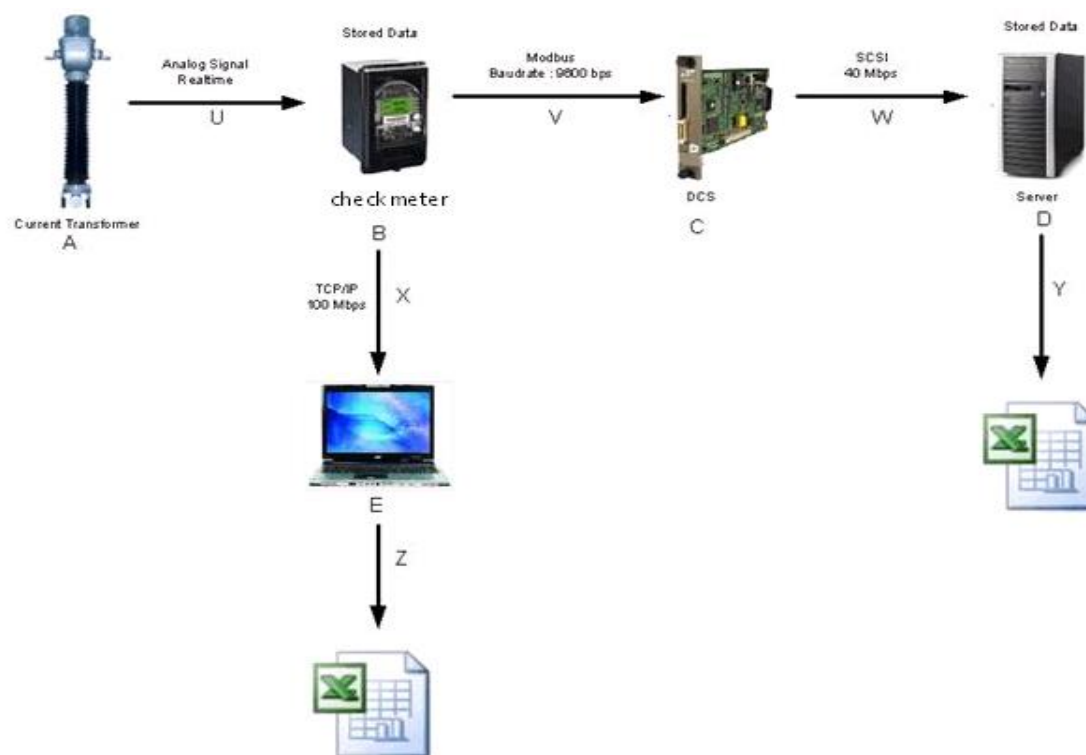
EG Existing	Unit 1 Main Meter Downloaded monthly from kWh meter MWh	Unit 1 Check Meter Downloaded monthly from kWh meter MWh	Unit 1 Check Meter Downloaded daily from DCS MWh	EG Existing lowest data MWh	Difference between Main meter and Check Meter (Downloaded monthly from kWh meter)	Difference between Main meter and Check Meter (Downloaded daily from DCS)	Difference between Check Meter (downloaded monthly from kWh meter) and Check Meter (downloaded daily from DCS)
Jan-15	75,126.306	75,155.934	75,157.500	75,126.306	0.039%	0.042%	0.002%
Feb-15	66,902.850	66,933.392	66,933.313	66,902.850	0.046%	0.046%	0.000%
Mar-15	76,842.328	76,876.982	76,876.000	76,842.328	0.045%	0.044%	-0.001%
Apr-15	74,449.417	74,484.342	74,484.938	74,449.417	0.047%	0.048%	0.001%
May-15	8,861.502	8,867.098	8,866.375	8,861.502	0.063%	0.055%	-0.008%

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Jun-15	0.000	0.000	0.000	0.000	#DIV/0!	#DIV/0!	#DIV/0!
Jul-15	0.000	0.000	0.000	0.000	#DIV/0!	#DIV/0!	#DIV/0!
Aug-15	0.000	0.000	0.000	0.000	#DIV/0!	#DIV/0!	#DIV/0!
Sep-15	50,237.240	50,265.592	50,267.500	50,237.240	0.056%	0.060%	0.004%
Oct-15	71,700.225	71,742.331	71,742.000	71,700.225	0.059%	0.058%	0.000%
Nov-15	69,131.154	69,173.507	69,163.592	69,131.154	0.061%	0.047%	-0.014%
Dec-15	70,716.002	70,761.898	70,760.525	70,716.002	0.065%	0.063%	-0.002%
Jan-16	80,871.448	80,922.341	80,922.711	80,871.448	0.063%	0.063%	0.000%
Feb-16	72,616.255	72,663.682	72,664.500	72,616.255	0.065%	0.066%	0.001%
Mar-16	79,948.360	80,003.225	80,001.313	79,948.360	0.069%	0.066%	-0.002%
Apr-16	78,511.681	78,569.091	78,568.406	78,511.681	0.073%	0.072%	-0.001%
May-16	80,928.237	80,989.913	80,989.719	80,928.237	0.076%	0.076%	0.000%
Jun-16	78,319.459	78,378.906	78,379.563	78,319.459	0.076%	0.077%	0.001%
Jul-16	80,640.596	80,703.591	80,702.750	80,640.596	0.078%	0.077%	-0.001%
Aug-16	79,993.964	80,058.154	79,913.875	79,913.875	0.080%	-0.100%	-0.180%
Sep-16	77,812.310	77,881.194	77,881.250	77,812.310	0.088%	0.089%	0.000%
Oct-16	80,412.319	80,484.228	80,485.375	80,412.319	0.089%	0.091%	0.001%
Nov-16	77,247.006	77,316.302	77,316.375	77,247.006	0.090%	0.090%	0.000%
Dec-16	81,078.822	81,150.332	81,141.485	81,078.822	0.088%	0.077%	-0.011%
Jan-17	80,786.407	80,862.312	80,863.863	80,786.407	0.094%	0.096%	0.002%
Feb-17	72,737.195	72,805.435	72,806.391	72,737.195	0.094%	0.095%	0.001%
Mar-17	79,860.340	79,935.972	79,932.703	79,860.340	0.095%	0.091%	-0.004%
Apr-17	76,839.929	76,911.786	76,912.906	76,839.929	0.093%	0.095%	0.001%
May-17	79,831.989	79,905.785	79,905.810	79,831.989	0.092%	0.092%	0.000%
Jun-17	78,196.174	78,268.745	80,668.690	78,196.174	0.093%	3.065%	3.066%
Jul-17	80,532.816	80,607.521	79,889.480	79,889.480	0.093%	-0.805%	-0.891%
Aug-17	81,590.148	81,662.156	81,189.090	81,189.090	0.088%	-0.494%	-0.579%
Sep-17	81,590.148	81,662.156	80,064.500	80,064.500	0.088%	-1.906%	-1.956%
Oct-17	79,584.529	79,657.828	81,900.090	79,584.529	0.092%	2.827%	2.815%
Nov-17	76,133.681	76,202.535	78,556.130	76,133.681	0.090%	3.084%	3.089%
Dec-17							

It is to be noted that there is a slight difference between the check meter reading downloaded from the internal storage of the check kWh meter and the check meter reading from the DCS. However, both the check meter reading downloaded from the internal storage of the check kWh meter and the check meter reading from the DCS are within the tolerable 0.4% difference with the reading from the main kWh meter. Furthermore, the check meter reading from the DCS gives the lowest reading for both EG_y and $EG_{existing}$, and therefore this is considered conservative.

The slight difference between the check meter reading downloaded from the internal storage of the check kWh meter and the check meter reading from the DCS can be explained through the diagram below, i.e. the data from check kWh meter (figure B) is transmitted to DCS Process Control unit (DCS PCU) through serial communication protocol modbus and baudrate 9600 bps (figure V), which is then transmitted to PGP Server (DCS Human Machine Interface – figure D) through SCSI with baudrate 40 Mbps (figure W).



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Document information

<i>Version</i>	<i>Date</i>	<i>Description</i>
06.0	7 June 2017	Revision to: <ul style="list-style-type: none"> • Ensure consistency with version 01.0 of the “CDM project standard for project activities” (CDM-EB93-A04-STAN); • Make editorial improvements.
05.1	4 May 2015	Editorial revision to correct version numbering.
05.0	1 April 2015	Revisions to: <ul style="list-style-type: none"> • Include provisions related to delayed submission of a monitoring plan; • Provisions related to the Host Party; • Remove reference to programme of activities; • Overall editorial improvement.
04.0	25 June 2014	Revisions to: <ul style="list-style-type: none"> • Include the Attachment: Instructions for filling out the monitoring report form (these instructions supersede the "Guideline: Completing the monitoring report form" (Version 04.0)); • Include provisions related to standardized baselines; • Add contact information on a responsible person(s)/ entity(ies) for completing the CDM-MR-FORM in A.6 and Appendix 1; • Change the reference number from <i>F-CDM-MR</i> to <i>CDM-MR-FORM</i>; • Editorial improvement.
03.2	5 November 2013	Editorial revision to correct table in page 1.
03.1	2 January 2013	Editorial revision to correct table in section E.5.
03.0	3 December 2012	Revision required to introduce a provision on reporting actual emission reductions or net GHG removals by sinks for the period up to 31 December 2012 and the period from 1 January 2013 onwards (EB 70, Annex 11).

<i>Version</i>	<i>Date</i>	<i>Description</i>
02.0	13 March 2012	Revision required to ensure consistency with the "Guidelines for completing the monitoring report form" (EB 66, Annex 20).
01.0	28 May 2010	EB 54, Annex 34. Initial adoption.
Decision Class: Regulatory Document Type: Form Business Function: Issuance Keywords: monitoring report		