



Philippine Electricity
Market Corporation

WESM COMPLIANCE BULLETIN

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21.1	12-Sep-2024	Interim Guidelines for Reserve Conformance Standards (RCS) Monitoring Rev 1

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

12 September 2024

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

Questions on this WESM Compliance Bulletin may be addressed to Enforcement and Compliance Office, Philippine Electricity Market Corporation, 18th Floor Robinsons Equitable Tower, ADB Avenue, Ortigas Center, Pasig City 1600 or by email at eco@wesm.ph

INTERIM GUIDELINES FOR RESERVE CONFORMANCES STANDARDS (RCS) MONITORING

1. Overview

On 24 June 2024, the Department of Energy promulgated Department Circular no. DC-2024-06-0019, establishing the creation of the Ancillary Services Monitoring (ASM) Manual, which became effective on 09 July 2024. This manual was designed to provide a comprehensive framework for monitoring the compliance of Ancillary Services Providers with (ASPs) with the Reserve Market Compliance.

The ASM Manual, specifically for the Reserve Conformance Standards (RCS), outlines the assessment processes for key performance metrics related to reserve facilities, including:

- Response Accuracy
- Response Time; and
- Sustainability

These metrics ensure that reserve facilities adhere to the RCS.

On 28 August 2024, the ASM Manual was revised through an urgent amendment approved by the PEM Board, which took effect on 30 August 2024. Notable updates include a revised submission timeline for reporting RCS monitoring results. Addressing the original tight timeline, the Enforcement and Compliance Office (ECO) will now submit the monitoring results for RCS to the Market Operator 30 business days after the end of the monitoring period¹. This extension provides sufficient time for ASPs to respond to any flaggings or Notices of Non-Compliance (NCN-RCS).

Other procedural timelines have been adjusted to align with the new 30-day window for validation and assessment of the RCS. A diagram illustrating the revised timelines and processes is included below for clarity.

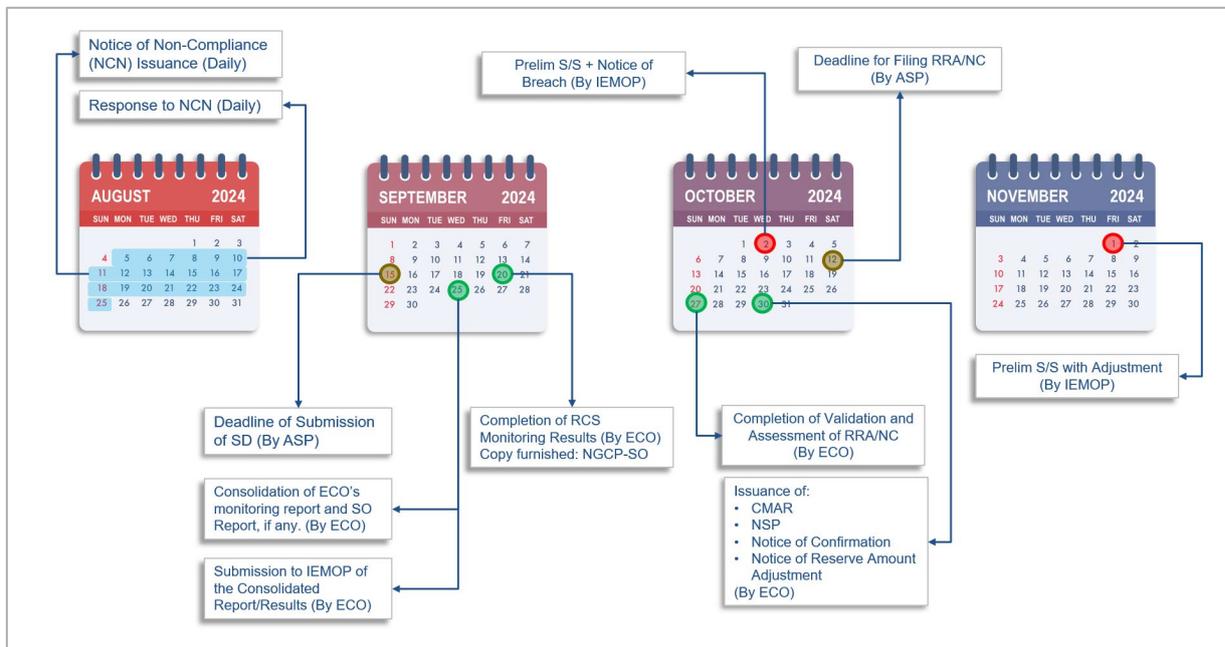


Figure 1.0 – Revised RCS Monitoring Procedure and Timeline

¹ As outlined in the ASM Manual Issue 1.1:

7.2.2 The Enforcement and Compliance Office shall conduct validation, verification, and assessment of breach of the Reserve Conformance Standards. The Enforcement and Compliance Office shall generate monitoring results within twenty-five (25) business days after the end of the covered monitoring period. The Reserve Conformance Standards monitoring report shall include the specific intervals, resource unit/s, the type of reserve that is found in breach, and such other relevant information as may be appropriate.

The Enforcement and Compliance Office shall furnish the System Operator a copy of the monitoring results for any feedback or confirmation of the results or findings.

7.2.3 The Enforcement and Compliance Office shall consolidate its own monitoring result and the confirmation or report of the System Operator, if any, relating to compliance with the Reserve Conformance Standards for the relevant billing period not later than 25th day of the month following the covered monitoring period. For instance, the results for August Billing Period shall be consolidated on or before 25 September.

2. Monitoring Guidelines

2.1. Probable Breach Flagging

RESPONSIBLE	DESCRIPTION	FREQUENCY AND TIMELINE	FORM
ECO	<ul style="list-style-type: none"> • Determination if RCS1 – RCS8 is breached. <ul style="list-style-type: none"> ○ RCS1 – Response Accuracy ○ RCS2 – Response Time ○ RCS3 – Deadband Setting ○ RCS4 – Speed droop Setting ○ RCS5 – Sustainability ○ RCS6 – Offline Status ○ RCS7 – Synchronization ○ RCS8 – Sustainability • Breach flagging is per Resource ID and per reserve type • Breach flagging is per dispatch interval 	<p>DAILY</p> <p>D+2 <i>Example:</i> Probable Breach for 26-Sep-2024 transaction will be flagged on 30-Sep-2024²</p> <p>Transactions for weekends and holidays will be consolidated and collectively processed on the next working day.</p>	Non-Compliance Notice Form A and Form B (see Section 2.3 below)

NOTE:

For August 2024 Billing Period (and until such time that the necessary data are provided to PEMC on a daily/regular basis):

The ECO may generate the Probable Breach flaggings **collectively, by batch** (covering a number of days) depending on the completeness of the data transmitted to PEMC.

For the Succeeding Billing Period

The ECO will generate the Probable Breach flagging on a *daily basis* (D+2) as indicated in the Timeline above.

2.2. Non-Compliance Notice (NCN)

RESPONSIBLE	DESCRIPTION	FREQUENCY AND TIMELINE	FORM
ECO	<ul style="list-style-type: none"> • Transmittal of the Probable Breach Flagging Results to ASPs (in excel form). One set of flagging results will contain: <ul style="list-style-type: none"> ○ Form A - Flagging (Per Dispatch Interval) ○ Form B - Flagging (Per Second) – Details of Probable Breach Flagging for RCS • One set of Probable Breach Flagging (Non-Compliance Notice) per trading day. 	<p>DAILY</p> <p>D+2 (Same timeline as 2.1)</p> <p>NCN for trading day that falls on a weekend or holiday will be transmitted to ASP on the next working day.</p>	Non-Compliance Notice Form A and Form B (see Section 2.3 below)

NOTE:

For August 2024 Billing Period (and until such time that the necessary data are provided to PEMC on a daily/regular basis):

The ECO may transmit to ASP the NCNs **collectively, by batch** (covering a number of days) depending on the completeness of the data transmitted to PEMC.

For the Succeeding Billing Period

The ECO will transmit to ASP the NCN on a *daily basis* (D+2) as indicated in the Timeline above.

² Condition: All relevant market data are transmitted by NGCP-SO/IEMOP to PEMC

2.3. Response to NCN

RESPONSIBLE	DESCRIPTION	FREQUENCY AND TIMELINE	FORM
ASP	<ul style="list-style-type: none"> Verification of the NCN received from ECO Providing response by accomplishing the NCN <p>Example of Response:</p> <ul style="list-style-type: none"> If Data Variance: Provide the correct value If Re-Dispatch Instructions. Provide the details of instructions of the System Operator Other Causes 	<p>DAILY</p> <p>Within five (5) days from receipt of NCN.</p> <p>MONTHLY</p> <p>Every 15th of the following month for additional supporting documents submission</p>	Accomplished Non-Compliance Notice

NOTE:

For August 2024 Billing Period

The ASP may be allowed to consolidate the Accomplished NCNs **collectively, by batch** (covering a number of days) until 25 September 2024. Subsequently, the ECO would submit the RCS Monitoring Results to IEMOP not later than 28 September 2024. If ASP is not able to submit complete response by 25 September 2024, it may file a Request for Reassessment with Notice of Claim with ECO. (See Section 2.8).

For September Billing Period

Until the daily transmittal of NCNs (D+2) becomes regular, consolidated responses may be submitted by the deadline set by the ECO.

For the Succeeding Billing Period

The ASP shall submit to ECO the Accomplished NCN on a *daily basis* (D+2) as indicated in the Timeline above.

2.4. Validation, Assessment, and Recalculation

RESPONSIBLE	DESCRIPTION	FREQUENCY AND TIMELINE	FORM
ECO	<ul style="list-style-type: none"> Validation of the response and inputs of ASPs and the supporting documents Assessment of the reason, explanation, or justification Recalculation of the Breach Flagging 	<p>DAILY</p> <p>Anytime within the billing period as the data/information, or response is made available.</p> <p>MONTHLY</p> <p>Within twenty-five (25) business days after the end of the covered monitoring period</p>	Recalculated Breach Flagging

2.5. Reporting of RCS Monitoring Results to the Market Operator

RESPONSIBLE	DESCRIPTION	FREQUENCY AND TIMELINE	FORM
ECO	<ul style="list-style-type: none"> Finalization of the RCS Monitoring Results. It covers one (1) billing period Transmittal of the RCS Monitoring Results to IEMOP 	<p>MONTHLY</p> <p>Not later than 25th day of the month following the covered monitoring period</p> <p><i>E.g.</i>, RCS Monitoring Results for September 2024 Billing Period shall be submitted not later than 25 October 2024.</p>	<ul style="list-style-type: none"> RCS-Non-Compliance List

2.6. Request for Reassessment with Notice of Claim (RRA/NC)

RESPONSIBLE	DESCRIPTION	FREQUENCY AND TIMELINE	FORM
ASP	<ul style="list-style-type: none"> Submission of disputes on the deduction made from the Reserve Trading Amount on account of findings of breach of the RCS. Basis of Filing: <ul style="list-style-type: none"> Preliminary Settlement Statement issued by IEMOP RCS Non-Compliance List Done by filing RRA/NC with ECO 	<p>As necessary</p> <p>Within ten (10) calendar days from receipt of the Preliminary Settlement Statement sent by IEMOP</p> <p><i>E.g.</i>, If the Preliminary Settlement Statement is received on 02 October 2024, the RRA/NC shall be filed not later than 12 October 2024.</p>	<ul style="list-style-type: none"> Notice of Breach RCS-Non-Compliance List

2.7. Issuance of Resolution on RRA/NC

RESPONSIBLE	DESCRIPTION	FREQUENCY AND TIMELINE	FORM
ECO	<ul style="list-style-type: none"> Validation and verification of the RRA/NC and its supporting documents Assessment of the reason, explanation, or justification Recalculation of the RCS findings Transmittal to IEMOP of the Resolution of the RRA/NC. This will be coupled with appropriate notices: <ul style="list-style-type: none"> Notice or Reserve Amount Adjustment: If the RRA/NC is considered Notice of Confirmation: If ECO confirms the earlier finding of breach of RCS. 	<p>MONTHLY</p> <p>Not later than the end of the billing month following the covered monitoring period.</p> <p><i>E.g.</i>, The RRA/NC for August 2024, the Resolution must be completed on or before 27 October 2024.</p>	<ul style="list-style-type: none"> Resolution on RRA/NC Notice or Reserve Amount Adjustment Notice of Confirmation

2.8. Issuance of Compliance Monitoring and Assessment Reports (CMAR)

RESPONSIBLE	DESCRIPTION	FREQUENCY AND TIMELINE	FORM
ECO	<ul style="list-style-type: none"> Finalization of CMA-RCS Findings <ul style="list-style-type: none"> If No RRA/NC is filed, issue CMAR to ASP and Notice of Specified Penalty (NSP), if with findings of breach. If RRA/NC is filed, issue CMAR together with the Resolution of the RRA/NC and Notice of Specified Penalty (NSP), if with findings of breach. 	<p>MONTHLY</p> <p>Within 5 BD³ from completion of validation and assessment.</p> <p><i>E.g.</i>, CMAR for August 2024 Billing Period is due on 30 October 2024</p>	<ul style="list-style-type: none"> CMAR CMAR + NSP CMAR + Resolution + NSP

2.9. Penalty Imposition

RESPONSIBLE	DESCRIPTION	FREQUENCY AND TIMELINE	FORM
ECO	<ul style="list-style-type: none"> Issuance to ASP and PEMC-Finance Unit of the Notice of Specified Penalty (NSP) indicating the count of breach and the corresponding penalty level and amount. 	<p>MONTHLY</p> <p>Same timeline as Section 2.8</p>	NSP

NOTE:

For August 2024 Billing Period

No penalty will be imposed on ASP that is found in breach of RCS pursuant to Section 10 (Transitory Provision) of the ASM Manual providing for a *six-month relaxation period*. Awaiting further clarification of the Department of Energy as to the start and end date of the Relaxation Period.

2.10. Penalty Collection

RESPONSIBLE	DESCRIPTION	FREQUENCY AND TIMELINE	FORM
PEMC-Finance	Transmittal to ASP of the billing statement for penalty collection	Within 5 BD from receipt of the NSP	Billing Statement or equivalent

2.11. Payment of Penalty

RESPONSIBLE	DESCRIPTION	FREQUENCY AND TIMELINE	FORM
ASP	Payment of penalty amount to PEMC.	Within 15 BD from receipt of the billing statement	Cash Check

³ BD: "Business Day. Any day on which the spot market is open for business." Glossary, WESM Rules. Note: WESM is open 24/7; thus BD may also mean calendar days.

3. Mode of Transmittal

During the interim CMA for RCS, the forms (as identified) above will be retrieved and/or transmitted through a secure File Transfer Protocol (SFTP) facility. Please refer to the [Work Instructions for Retrieval and Submission of RM Documents via FTP](#) for detailed steps/procedures.

4. Effectivity of Interim Guidelines

These Interim Guidelines will be in effect until a new or revised one is issued by ECO consistent with any changes and developments that may hereafter ensue by reason of rule amendments, regulatory directives/issuances, or development or enhancement of monitoring system or tool that may further streamline the existing process or procedures.

5. Procedures on Accomplishing the NCN for Reserve Conformance Standards

1. Upon issuance of the NCN via the SFTP, you will receive two (2) files:

No.	Filename	Description
1	NCN_TPSHORTNAME_PLANTSHORTNAME_RCS_YYYYMMDD	5-minute dispatch interval flagging and relevant information
2	RESOURCE_ID_YYYYMMDD	Per-second data as reference for the RCS breach flagging in File No. 1

2. Accomplish the NCN (File No.1),

Complete the details under the last four (4) columns of the NCN-RCS as follows:

- BCQ - ASP:
 - Provide the value of BCQ, based on the record of the ASP, if it differs from the value provided by the System Operator (SO) under SO-BCQ.
- Event Category:
 - Specify the category of the event, which may include:
 - a) Technical constraints
 - b) Data variance
 - c) Other relevant categories
- Brief Description:
 - Provide a concise description of the event that caused the non-compliance.
- Supporting Document Filename:
 - Indicate the filename of any supporting documents that substantiate your response.

Time Interval	Resource Name	Classification	Reserve Type	Generator Mode of Operation	BCQ - SO	Reserve Schedule	Rated Capacity	Actual MW Output	Min Actual Output	Average Actual Output	Max Actual Output	System Frequency	Desired MW	SO Instruction	RCS1 Hourly	RCS2 Hourly (Time not responded)	Reserve Transaction (SPOT/ASPA)	RCS Codes	RCS Probable Breach	BCQ - ASP	Event Category	Brief Description	Supporting Document	
2024-08-05 08:10:00	01RESOURCE_001	Scheduled	CR	GCM	60	84	97	85.81	85.21	86.04586667	87.42	59.85	0	88	39.42397228	3.16666667	SPOT	RCS1 RCS5	Y					
2024-08-05 11:10:00	01RESOURCE_001	Scheduled	CR	GCM	60	84	97	12.88	0.88	6.90753333	13.03	59.797	0	2	103.218867	5.75	SPOT	RCS1 RCS2 RCS5	Y					
2024-08-05 11:20:00	01RESOURCE_001	Scheduled	CR	GCM	60	84	97	64.97	58.94	68.51933333	73.25	59.964	0	62	103.218867	5.75	SPOT	RCS2 RCS5	Y					
2024-08-05 12:10:00	01RESOURCE_001	Scheduled	CR	GCM	60	84	97	85.93	85.64	86.00066667	86.51	59.942	0	86	2.230954612	13.375	SPOT	RCS1 RCS2 RCS5	Y					
2024-08-05 12:15:00	01RESOURCE_001	Scheduled	CR	GCM	60	84	97	85.94	85.65	86.04113333	86.38	59.939	0	86	2.230954612	13.375	SPOT	RCS1 RCS2 RCS5	Y					
2024-08-05 12:30:00	01RESOURCE_001	Scheduled	CR	GCM	60	69	06	69.06	67	68.75	65.72	85.9412	86.18	59.924	0	86	2.230954612	13.375	SPOT	RCS1 RCS2 RCS5	Y			
2024-08-05 12:35:00	01RESOURCE_001	Scheduled	CR	GCM	60	84	97	85.8	85.72	85.9619	86.25	59.951	0	86	2.230954612	13.375	SPOT	RCS1 RCS2 RCS5	Y					
2024-08-05 13:45:00	01RESOURCE_001	Scheduled	CR	GCM	60	82.18118055	97	85.51	85.33	85.5495	85.9	59.9	0	86	24.74226804	0.5	SPOT	RCS1 RCS5	Y					
2024-08-05 23:10:00	01RESOURCE_001	Scheduled	CR	GCM	60	84	97	1.95	1.34	10.34963333	27.95	59.944	0	26	-10.35282094	3.75	SPOT	RCS1 RCS2 RCS5	Y					
2024-08-05 23:25:00	01RESOURCE_001	Scheduled	CR	GCM	60	73.96805186	97	24.17	7.03	13.45786667	24.17	59.977	0	86	-10.35282094	3.75	SPOT	RCS1 RCS5	Y					
2024-08-05 14:15:00	01RESOURCE_001	Scheduled	RR	AGC	0	34.50039864	97	87.45	52.91	69.7558	87.51	59.868	88.03	53	58.06451613		SPOT	RCS1 RCS5	Y					
2024-08-05 14:20:00	01RESOURCE_001	Scheduled	RR	AGC	0	34.50039864	97	82.42	77.69	85.9506667	87.95	59.842	78.82	53	58.06451613		SPOT	RCS1 RCS5	Y					
2024-08-05 14:25:00	01RESOURCE_001	Scheduled	RR	AGC	0	34.50039864	97	77.8	77.8	83.52693333	88.14	59.958	67.8	53	58.06451613		SPOT	RCS1 RCS5	Y					
2024-08-05 14:35:00	01RESOURCE_001	Scheduled	RR	AGC	0	34.50039864	97	54.1	53.9	70.86276667	87.41	60.037	54.06	53	58.06451613		SPOT	RCS1 RCS5	Y					
2024-08-05 14:40:00	01RESOURCE_001	Scheduled	RR	AGC	0	34.50039864	97	59.59	53.53	54.30583333	59.87	59.996	60.19	53	58.06451613		SPOT	RCS1 RCS5	Y					
2024-08-05 15:00:00	01RESOURCE_001	Scheduled	RR	AGC	0	34.50039864	97	66.97	66.46	82.23763333	88.01	59.922	67.25	53	58.06451613		SPOT	RCS1 RCS5	Y					
2024-08-05 16:10:00	01RESOURCE_001	Scheduled	RR	AGC	0	5.00098636	97	79.26	79.26	83.02493333	88.51	60.11	79.56	53	83.01886792		SPOT	RCS1 RCS5	Y					
2024-08-05 16:15:00	01RESOURCE_001	Scheduled	RR	AGC	0	5.88039875	97	81.26	79.26	80.39286667	81.3	60.178	81.44	53	83.01886792		SPOT	RCS1 RCS5	Y					
2024-08-05 16:20:00	01RESOURCE_001	Scheduled	RR	AGC	0	4.5	97	78.01	77.88	78.4889	81.4	60.184	78.11	53	83.01886792		SPOT	RCS1 RCS5	Y					
2024-08-05 16:25:00	01RESOURCE_001	Scheduled	RR	AGC	0	4.5	97	78.31	78.19	79.82613333	78.01	60.125	79.34	53	83.01886792		SPOT	RCS1 RCS5	Y					

Figure 2.0 – Sample NCN-RCS (File No. 1)

3. Examine the Per-Second Data (File No. 2)

Using the per-second data provided in File No. 2, perform the following:

- Identify and Locate the Relevant Data
 - Referring to the flagged entries found in the NCN (File No. 1), find the relevant RCS results in the per-second data (File No. 2).
 - Example: If the flagged entry is for interval `2024-08-05 08:10:00`, look for the corresponding Event ID in the per-second data.
- Understand the Event ID Convention
 - If the Event ID starts with:
 - 1: This indicates AGC (Automatic Generation Control) mode.
 - 2: This indicates GCM (Governor Control Mode).
 - 3: This indicates Manual Mode.
 - The remainder of the event ID represents the specific number of unique events for that mode. For instance: an Event ID of 2041 means it is the 41st event recorded in GCM Mode.
 - If the remainder is 'nan' (e.g., 2nan), this indicates that there was no event or trigger for ancillary service provision while on GCM mode.

Time Interval	Resource Name	Classification	Reserve Type	Generator Mode of Operation	BCQ SO	Reserve Schedule	Rated Capacity	Actual MW Output	System Frequency	Deadband Settings	Droop Settings	Desired MW Generation	Instruction Remarks	SO Instruction	Date	Event ID	Hour	Interval	Lower Deadband	Upper Deadband	FDE Duration	Worst Frequency	Best MW Output	Frequency prior to FDE	Actual MW prior to FDE	Actual MW Response	Frequency Change	
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.1	59.951	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.1	59.947	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.08	59.94	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.1	59.934	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.1	59.928	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.19	59.922	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.19	59.916	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.19	59.903	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.19	59.895	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.06	59.885	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.06	59.877	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.06	59.868	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.06	59.859	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.06	59.849	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	85.69	59.838	0.16	3	0		88	8/5/2024	2041	9	10	59.84	60.16	12	59.81	86.54	59.84	86.06	0.48	0.03	
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	85.69	59.826	0.16	3	0		88	8/5/2024	2041	9	10	59.84	60.16	12	59.81	86.54	59.84	86.06	0.48	0.03	
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.26	59.819	0.16	3	0		88	8/5/2024	2041	9	10	59.84	60.16	12	59.81	86.54	59.84	86.06	0.48	0.03	
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.26	59.811	0.16	3	0		88	8/5/2024	2041	9	10	59.84	60.16	12	59.81	86.54	59.84	86.06	0.48	0.03	
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.08	59.81	0.16	3	0		88	8/5/2024	2041	9	10	59.84	60.16	12	59.81	86.54	59.84	86.06	0.48	0.03	
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.35	59.811	0.16	3	0		88	8/5/2024	2041	9	10	59.84	60.16	12	59.81	86.54	59.84	86.06	0.48	0.03	
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.35	59.822	0.16	3	0		88	8/5/2024	2041	9	10	59.84	60.16	12	59.81	86.54	59.84	86.06	0.48	0.03	
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.35	59.825	0.16	3	0		88	8/5/2024	2041	9	10	59.84	60.16	12	59.81	86.54	59.84	86.06	0.48	0.03	
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.35	59.835	0.16	3	0		88	8/5/2024	2041	9	10	59.84	60.16	12	59.81	86.54	59.84	86.06	0.48	0.03	
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.54	59.835	0.16	3	0		88	8/5/2024	2041	9	10	59.84	60.16	12	59.81	86.54	59.84	86.06	0.48	0.03	
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.54	59.844	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.54	59.85	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	87.42	59.858	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.54	59.87	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.64	59.88	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.64	59.889	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.64	59.899	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.64	59.903	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	86.64	59.91	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	85.85	59.922	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	85.85	59.928	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	85.85	59.936	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	85.44	59.941	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	85.85	59.946	0.16	3	0		88	8/5/2024	2nan	9	10										
8/5/2024 8:08	01RESOURCE_G01	Scheduled	CR	GCM	60	84	97	85.73	59.946	0.16	3	0		88	8/5/2024	2nan	9	10										

Figure 3.0 – Identifying the Corresponding Per-Second Data (File No. 2)

- Examine for any Data Variances
 - Compare the values in the per-second data with your plant records.
 - If there are discrepancies relating to a particular Event ID, including but not limited to the Actual MW Output, System Frequency, and/or System Operator Instruction, etc., directly replace the relevant data for the **entire 5-minute interval** (e.g., `2024-08-05 08:10:00`) with your accurate data. This ensures that the calculations reflect the correct values.
 - Ensure that such data replacement is substantiated by supporting documents from the plant that provide evidence for the correct values. This documentation may include operational logs, reports, or other relevant records.
 - The ECO shall conduct the necessary recalculation in assessing the possible non-compliance.
- In understanding the results found in the per-second data, refer to Appendix IV of the ASM Manual 1.1 for a sample application on how to determine the response conformance standards of the reserve facilities based on different modes of operation and reserve types.

4. Submit your responses via the SFTP

- Consolidate files by creating a single ZIP file that includes the following:
 - The accomplished NCN-RCS (with the last four columns completed).
 - The per-second data file, including any replaced data for flagged intervals.
 - Any supporting documents that substantiate your response.

- Name your response file appropriately using the same convention:
 - NCN_TPSHORTNAME_PLANTSHORTNAME_RCS_YYYYMMDD

These guidelines supersede the WESM Compliance Bulletin 21.0.