

NPCI/AePS/2019-20/010

13<sup>th</sup> November, 2019

To,

**All AePS Member Banks**

Madam / Dear Sir,

**Sub: Implementation of Two settlements in a day for AePS transactions**

Presently, AePS network cut-over time is 23:00 hours and transactions from previous day 23:00 hours to current day's 23:00 hours, are settled in a single cycle every day. The AePS settlement is processed on all working days at 09:30 am in Bank's RTGS Settlement account. For second and fourth Saturdays, Sundays and RTGS holidays, the settlement entries are posted on the next working day. Daily Settlement reports (DSR), STL and spool files are made available to members through BCS system.

**Two (2) Settlement cycles in a day**

The existing settlement process was reviewed in the 23<sup>rd</sup> AePS Steering Committee meeting held on 12th July, 2018 and it was decided to have multiple settlement cycles. Accordingly we are proposing to have Two Settlement Cycles for AePS transactions.

Please note that there will be two settlement cycles on all RTGS holidays as well and same will be posted on next RTGS working day. Separate Raw data, DSR, Spool files for each settlement cycle will be placed in Bank folder post cut over and completion of settlement cycles. The following Cut Off timings are proposed:

<b>AePS Settlement Cycle</b>	<b>Cut-off timing</b>
RTGS Settlement Cycle 1	13:00 hrs. Preceding day to 23:00 hrs. Preceding day
RTGS Settlement Cycle 2	23:00 hrs. Preceding day to 13:00 hrs. Current day

Please refer to **Annexure A** wherein the Settlement cut-off timings, Settlement day, etc. are explained in detail with illustrations.

There shall be no change in the Raw data file, DSR file formats and other Settlement files and these would be made available as per the cut-off time covering each Settlement cycle. However, there is change in naming convention of file to identify the settlement cycle. **(Please Refer Annexure B wherein list of files and new naming convention is given)**

GST reports & NPCI Fee Invoice shall be provided settlement cycle wise and on monthly basis as per existing process.

### Change in Bulk Dispute upload format

We have introduced chargeback reason code as mandatory field for Aadhaar Pay transaction in bulk dispute upload to calculate the penalty. **Transaction failed confirmation not received** will be considered for penalty calculation for credit adjustment and chargebacks. (Please refer Annexure C)

### Dispute / Adjustment Settlement

Please note that all disputes / adjustments shall be settled in both the settlement cycles (Cycle 1 and Cycle 2). Please find the below given illustration for more information.

Adjustment/ Dispute File Upload	Settlement Cycle	RTGS Posting Time
23:00 hrs. Preceding day to 12:30 hrs. Current day	RTGS Settlement Cycle 2 (23:00 to 13:00)	16:30 hrs.
12:31 hrs. Current day to 23:00 hrs. Current day	RTGS Settlement Cycle 1 (13:00 to 23:00)	09:30 am

**Note:** Penalty will be applicable and levied if adjustment/disputes is raised after 2<sup>nd</sup> cycle of 5<sup>th</sup> calendar day from the transaction date.

### Daily Limit

Presently, Net Debit Cap (NDC) limits are refreshed on daily basis at the time of cut off i.e. at 23:00 hrs. With the implementation of two settlements, the daily limit shall be refreshed and restored at the time of each Settlement cut off time given above. **However, on RTGS holidays there will be two settlement cycles but limit shall be refreshed only once i.e. at 23:00 hrs.**

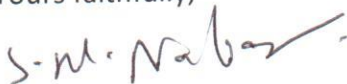
Kindly make a note of the above and disseminate the instructions contained herein to the officials concerned.

**We shall communicate the effective date of implementation of two settlement cycles through a separate circular.**

For any queries or clarification, please contact the following officials:

Name	e-mail ID	Mobile Number
Rajendra Maurya	<a href="mailto:rajendra.maurya@npci.org.in">rajendra.maurya@npci.org.in</a>	9820626159
Nayan Bhandarkar	<a href="mailto:nayan.bhandarkar@npci.org.in">nayan.bhandarkar@npci.org.in</a>	8108122829

Yours faithfully,



Saiprasad Nabar

Chief – Online Product Operations

## Annexure A

AePS Multiple Settlement Calendar							
Transaction Day	TD-Time – in hrs.	Settlement day	Settlement time (Cycle - 1)	Transaction Day	TD-Time – in hrs.	Settlement day	Settlement time (Cycle - 2)
Monday	13:00:01 - 23:00:00	Tuesday	09:30 am	Monday + Tuesday	23:00:01 - 13:00:00	Tuesday	04:30 pm
Tuesday	13:00:01 - 23:00:00	Wednesday	09:30 am	Tuesday + Wednesday	23:00:01 - 13:00:00	Wednesday	04:30 pm
Wednesday	13:00:01 - 23:00:00	Thursday	09:30 am	Wednesday + Thursday	23:00:01 - 13:00:00	Thursday	04:30 pm
Thursday	13:00:01 - 23:00:00	Friday	09:30 am	Thursday + Friday	23:00:01 - 13:00:00	Friday	04:30 pm
Friday	13:00:01 - 23:00:00	Saturday	09:30 am	Friday + Saturday	23:00:01 - 13:00:00	Saturday	04:30 pm
Saturday	13:00:01 - 23:00:00	Monday	09:30 am	Sunday + Monday	23:00:01 - 13:00:00	Monday	04:30 pm
Saturday + Sunday	23:00:01 - 13:00:00 and 13:00:01 - 23:00:00						

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## Annexure B- List of files and their Naming convention

Settlement Cycle	File Type	Acquirer File - Naming convention	Issuer File - Naming convention
1C	RAW Data (Financial)	ACQRPDMM211019.mDMM_1C	ISSRPDMM211019.mDMM_1C
	RAW Data (Non-Financial)	ACQRPDMM211019_MW.mDMM_1C	ISSRPDMM211019_MW.mDMM_1C
	NTSL / DSR	AEPSNTSLDMM211019_1C.xls	
	Dispute & Adjustment File (EMS)	DMM20191021_1C.xls	
	GST_Bankwise	B_DMM-PAY-GST-2019-20-21102110-10AEPS_1C.xls	B_DMM-REV-GST-2019-20-21102110-10AEPS_1C.xls
	GST_Daywise	DMM-PAY-GST-2019-20-21102110-10AEPS_1C.xls	DMM-REV-GST-2019-20-21102110-10AEPS_1C.xls
	GST_Payable	PAYABLE_DMMGST211019_1C.xls	
	GST_Receivable	RECEIVABLE_DMMGST211019_1C.xls	
	Spool Reports	ACQUPDMM211019_1C.txt	ISSUPDMM211019_1C.txt
2C	RAW Data (Financial)	ACQRPDMM211019.mDMM_2C	ISSRPDMM211019.mDMM_2C
	RAW Data (Non-Financial)	ACQRPDMM211019_MW.mDMM_2C	ISSRPDMM211019_MW.mDMM_2C
	NTSL / DSR	AEPSNTSLDMM211019_2C.xls	
	Dispute & Adjustment File (EMS)	DMM20191021_2C.xls	
	GST_Bankwise	B_DMM-PAY-GST-2019-20-21102110-10AEPS_2C.xls	B_DMM-REV-GST-2019-20-21102110-10AEPS_2C.xls
	GST_Daywise	DMM-PAY-GST-2019-20-21102110-10AEPS_2C.xls	DMM-REV-GST-2019-20-21102110-10AEPS_2C.xls
	GST_Payable	PAYABLE_DMMGST211019_2C.xls	
	GST_Receivable	RECEIVABLE_DMMGST211019_2C.xls	
	Spool Reports	ACQUPDMM211019_2C.txt	ISSUPDMM211019_2C.txt

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## Annexure C- Revised Bulk Upload File Format (Reason Code Mandatory)

- Following Chargebacks and Good-faith Chargebacks reason codes, to be used for AADHAR PAY transactions –
  - 1061 - Credit not processed for Goods/Services returned to Merchant/BC
  - 1062 - Goods and Services not as described or customer received defective goods or services
  - 1063 - Paid by other means and account is also debited for the transaction
  - 1064 - Duplicate Transaction
  - 1065 - Transaction Failed – Confirmation not received at micro ATM
- Following Credit Adjustment reason codes, to be used for AADHAR PAY transactions –
  - 1061- Credit processed for Goods which are defective or returned to Merchant/BC.
  - 1065 - Transaction Failed – Confirmation not received at micro ATM

### Bulk Upload Format:

Header	Description	Length
Bankadjref	Bank Adjustment Reference Number	Length - 100 (AN)
Flag	DRC / B / C	Length - 03 (A)
Shtdat	Transaction Date	YYYY-MM-DD (N)
Adjamt	Transaction Amount	(N)
Shser	RRN	Length - 50 (N)
Shcrd	19 Digit (PAN Number)	Length - 53 (AN)
Filename	.csv file Name	Length - 50 (AN)
Reason	Reason Code	Length - 05 (AN)
URN	Unique Reference Number	Length - 35 (AN)
Reason Code	Reason Code- to identify & Calculate penalty	Length - 04 (N)

\* Reason code is mandatory only for Aadhaar Pay transaction type. For other than Aadhaar Pay transactions the same to be blank.

\*\* Either Shcrd or URN to be used by bank in Bulk upload format.

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