591 Non Interval Aggregation

Message Header

591 Message Specific Information

591 MPRN Level Information — ReqM

Aggregated Consumption — OptM

Additional Aggregation Information 591 — OptM

Additional Aggregation Consumption 591 — OptM

Additional Aggregation Data — OptM

RMDS RETAIL MARKET DESIGN SERVICE
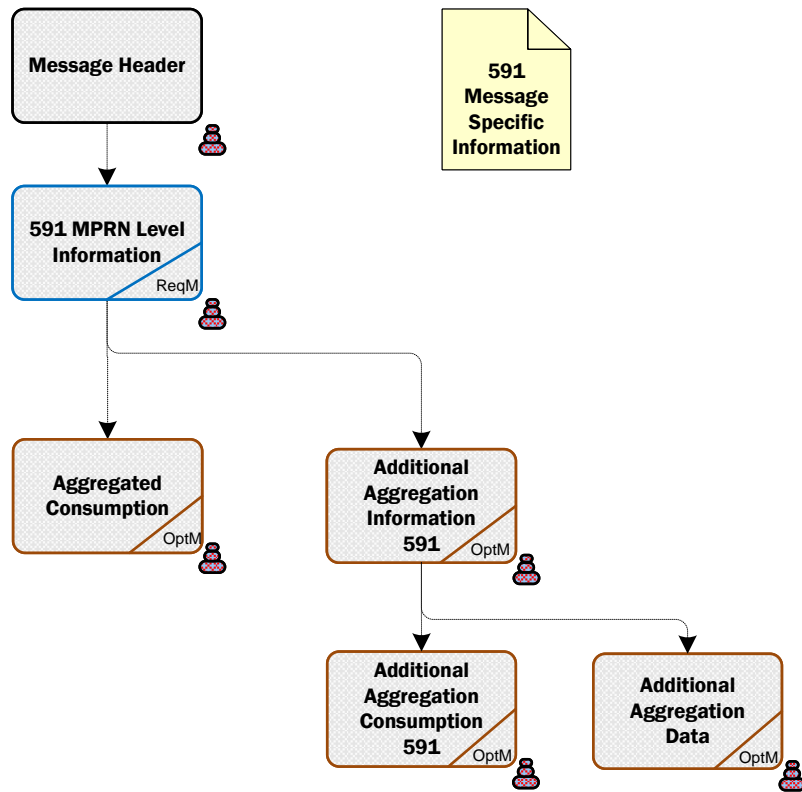
591 Non Interval Aggregation

The following statement will be true for the composition of the 591 Market Message

Invalid Combinations should not be populated in the message, however if there are no MPRNs registered for a valid combination then a count of zero should be populated in the message
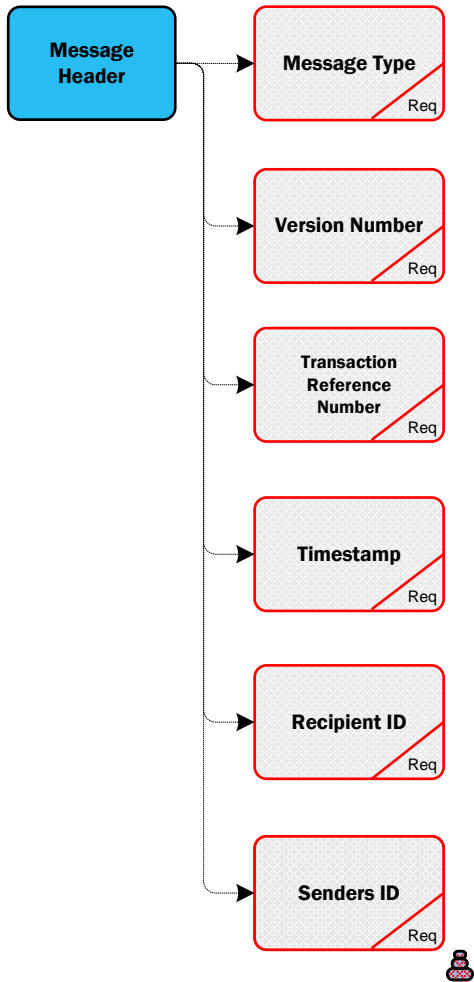
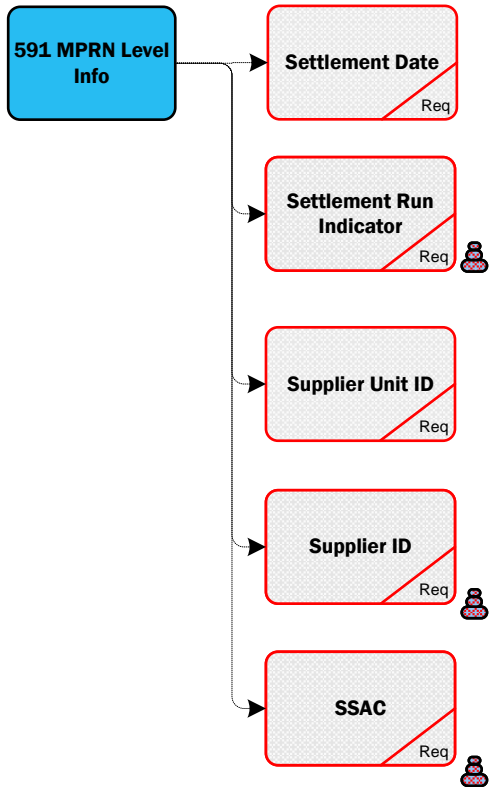The implication of this statement is that where the DLF is LV:

the count of MPRNs , Load profile and DLF will always be included for each of the Load Profiles 01-12 in the segment Additional Aggregation Information
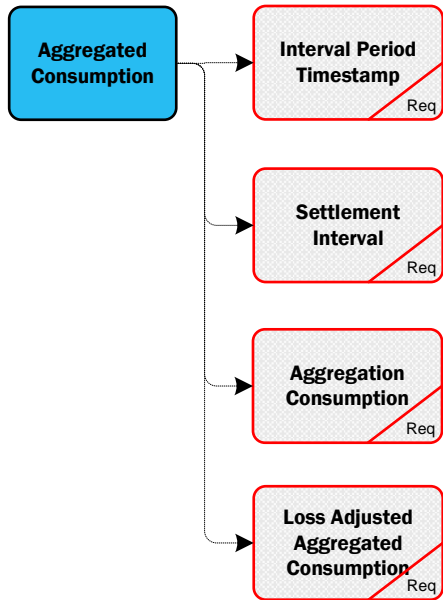
And where the Count of MPRNs is zero, none of the lower level segments will be populated viz no Additional Aggregated Consumption, no Additional Aggregation Data segments for that Load Profile/DLF combination
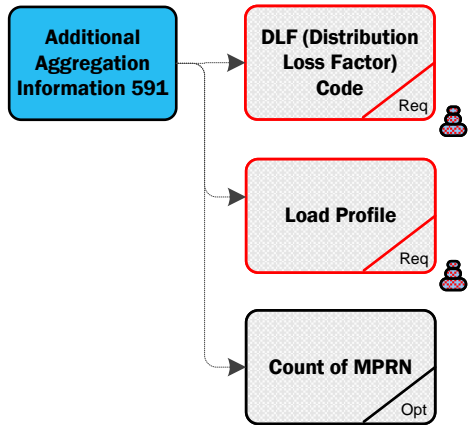
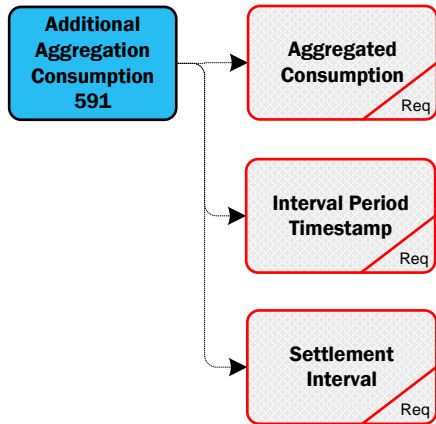where the DLF is not LV:

there should be none of the segments : Additional Aggregation Information , Additional Aggregated Consumption, Additional Aggregation Data segments

RMDS RETAIL MARKET DESIGN SERVICE

Message Specific information

Message Header

Message Type
Req

Version Number
Req

Transaction Reference Number
Req

Timestamp
Req

Recipient ID
Req

Senders ID
Req

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591 MPRN Level Info

Settlement Date
Req

Settlement Run Indicator
Req

Supplier Unit ID
Req

Supplier ID
Req

SSAC
Req

Aggregated Consumption

Interval Period Timestamp
Req

Settlement Interval
Req

Aggregation Consumption
Req

Loss Adjusted Aggregated Consumption
Req

Additional Aggregation Information 591

DLF (Distribution Loss Factor) Code
Req

Load Profile
Req

Count of MPRN
Opt

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Additional Aggregation Consumption 591

Aggregated Consumption
Req

Interval Period Timestamp
Req

Settlement Interval
Req

RMDS RETAIL MARKET DESIGN SERVICE

Additional Aggregated Data

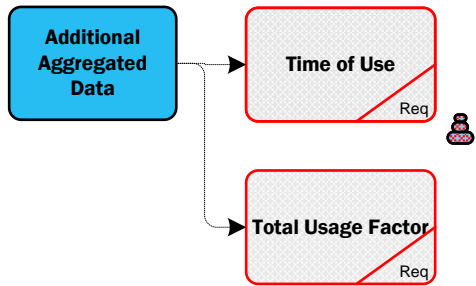**Time of Use**

Req

Total Usage Factor

Req

591 Non Interval Aggregation

Senders ID

Click Here for Latest Senders ID List

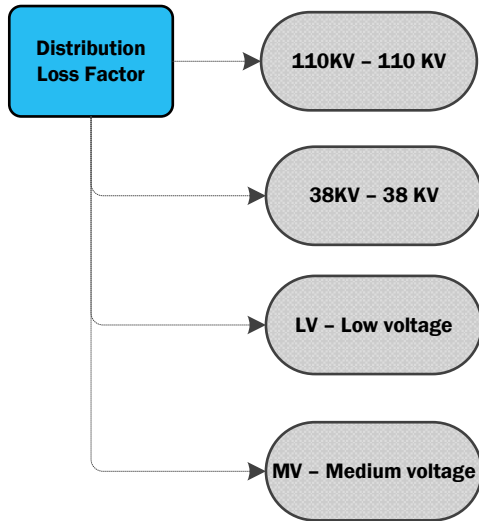**Settlement Run Indicator**

- 10 - Indicative
- 20 - Initial
- 30 – M+4 Re-Aggregation
- 40 – M+13 Re-Aggregation
- D – 50 – Ad Hoc Aggregation
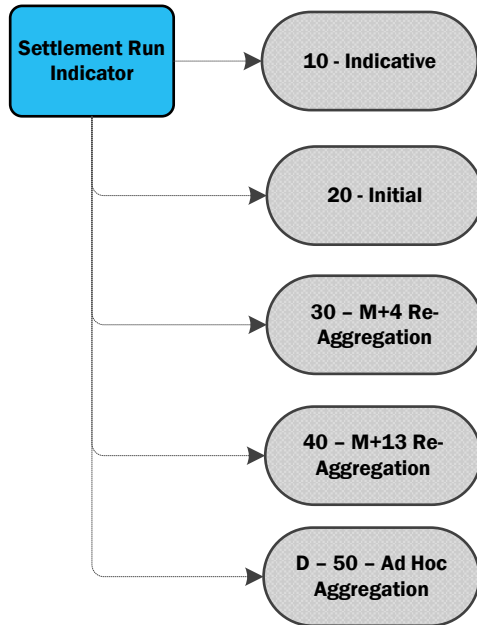
Supplier ID

Click Here for Latest Supplier ID List

SSAC

- A – Non Green Generator
- B – Eligible Customer Supplier
- C – Green Customer Supplier
- D – CHP Generator
- D – Green VIPP
- F - PES
- G – Green Generator
- H – CHP Supplier
- J – VIPP Supplier

Distribution Loss Factor

- 110KV – 110 KV
- 38KV – 38 KV
- LV – Low voltage
- MV – Medium voltage

Load Profile

01 – Urban Domestic Unrestricted

10 – Unmetered - Flat

02 – Urban Domestic Day/Night

11 – Public Lighting Dusk/Dawn

03 – Rural Domestic Unrestricted

12 – Public Lighting Dusk/Midnight

04 – Rural Domestic Day/Night

25 – Urban domestic SST

05 – Non Domestic Unrestricted

27 – Rural domestic SST

06 – Non Domestic Day/Night

29 – Non-domestic SST

07 – MD with LF up to(but not including) 30%

08 – MD with LF greater than or equal to 30% but less than 50%

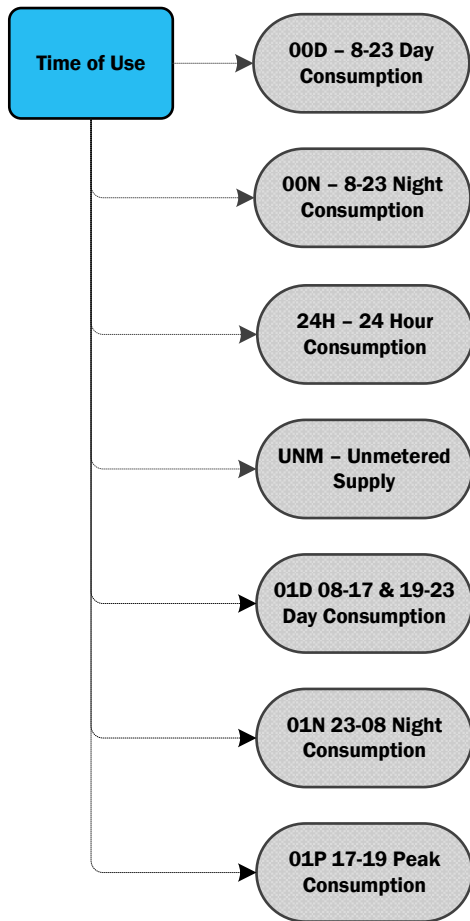09 – MD with LF greater than or equal to 50%

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```
Time of Use ──┬──────► 00D – 8-23 Day Consumption
              │
              ├──────► 00N – 8-23 Night Consumption
              │
              ├──────► 24H – 24 Hour Consumption
              │
              ├──────► UNM – Unmetered Supply
              │
              ├──────► 01D 08-17 & 19-23 Day Consumption
              │
              ├──────► 01N 23-08 Night Consumption
              │
              └──────► 01P 17-19 Peak Consumption
```

591 Non Interval Aggregation

Version Which Implemented	Source of Change	Description of Change
10.4	MCR 1155	Message format changed from ARIS to Document format.
13.0	SMART changes for V13.0	New Codes added for Load Profile, Timeslot and Register Type.