

**ELECTRICITY INDUSTRY ACT 2004**  
**ELECTRICITY INDUSTRY (WHOLESALE ELECTRICITY - MARKET)**  
**REGULATIONS 2004**  
**Wholesale Electricity Market Rules**

**IMO AMENDING RULES RC\_2007\_11 MADE ON 17 AUGUST 2007**  
**These Amending Rules commence at 08.00am on 1 September 2007**

Appendix 3 is amended as follows: ~~deleted~~ ordering, new ordering

## **Appendix 3 - Reser e C pacity Require ents**

This Appendix presents the method for determining monthly standing  
Reser e C pacity Require ents

For the purpose of this Appendix

- Steps 1 to 1 are repeated every month
- references to meters are inter meters
- the Notion of ho es e Meter is to be treated as a registered inter meter e s ring e per t re Dependent Load his eter is denoted by e per t re Dependent Load eter
- the eter registration d t l to be sed in the c c tions is to be the ost c rrent co p ete set of eter registration d t l s t the ti e of co e ncing the c c tions
- the es of RR the Reser e C pacity Require ent and FL forec st pe l de and ssoci ted ith th t Reser e C pacity Require ents specified in c se 2 ay be odified fro their st and rd es in accordance ith c se 2 11A
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Net DL is the contribution to the system peak load of meter during the preceding Hot Season here this contribution is done by the addition of the metered consumption during the 12 peak loading intervals

SEP For each meter, the following are the peak Dependent Load determine DL and di, here

- $d_{i,q}$  is the number of days the net meter is registered to Market Clearing Station  $i$  during trading month  $n$ , otherwise it is equal to the number of trading days the net meter is registered to Market Clearing Station  $i$  in trading month  $n$  divided by the number of days in trading month  $n$
- $d_{i,q}$  is the number of days the net meter is not registered to Market Clearing Station  $i$  during trading month  $n$ , otherwise it is the number of days the net meter is registered to Market Clearing Station  $i$  in trading month  $n$  divided by the number of days in trading month  $n$ , with the exception that if the net meter is for a load that is registered to Market Clearing Station  $i$  for only part of trading month  $n$ , then it is equal to the number of trading days that the net meter is registered to Market Clearing Station  $i$  in trading month  $n$  divided by the number of days in trading month  $n$

STEP 7 Identify the set  $NM$  of those net meters that are redispached during the preceding Hot Season and set  $DL_n$  for net meter to eq.

$$DL_n = \{DL, S \in N, NM, DCR, x, d, q\}$$

here

$q$  denotes Market Clearing Station to which the net meter is associated

$d_{i,q}$  is the number of days the net meter is registered to Market Clearing Station  $i$  during trading month  $n$  divided by the number of days in trading month  $n$

STEP For each Market Clearing Station  $i$ , calculate

$$N, DL, RCR, i, S, N, DL, d_{i,q}, N, DL, RCR, i$$

$$DL, RCR, i, S, M, DL, d_{i,q}, DSM, i, DL, RCR, i$$

$$LRCR, i, S, LRCR, d_{i,q}$$

$$NRR, RR, S, i, LRCR, i$$

here

$$N, DL, RCR, i, NRR, FL$$

$$DL, RCR, i, NRR, S, N, DL, RCR, i, S, M, DL, d_{i,q}, DSM$$

indicates Market Clearing Stations

$LRCR, i$  is the Net Meter Load Reserve Capacity Requirement for Market Clearing Station  $i$

$$M, DL, DL, \text{for } i \text{ except } M, LD, DL_n, \text{for}$$

RR is the Reserve Capacity Requirement potentially modified in accordance with clause 2.11A

FL is the peak demand associated with the Reserve Capacity Requirement as specified in clause 2 potentially modified in accordance with clause 2.11A

DSM<sub>i</sub> is the Maximum Quantity of Additional Demand Side Management constructed and agreed by the MO to be utilized by the next Hot Season