

| Sl. No. | Parameter           | Data type | Address |
|---------|---------------------|-----------|---------|
| 1       | Watts Total         | float     | 40101   |
| 2       | Watts R phase       | float     | 40103   |
| 3       | Watts Y phase       | float     | 40105   |
| 4       | Watts B phase       | float     | 40107   |
| 5       | VAR Total           | float     | 40109   |
| 6       | VAR R phase         | float     | 40111   |
| 7       | VAR Y phase         | float     | 40113   |
| 8       | VAR B phase         | float     | 40115   |
| 9       | PF Avg(inst)        | float     | 40117   |
| 10      | PF R phase          | float     | 40119   |
| 11      | PF Y phase          | float     | 40121   |
| 12      | PF B phase          | float     | 40123   |
| 13      | VA total            | float     | 40125   |
| 14      | VA R phase          | float     | 40127   |
| 15      | VA Y phase          | float     | 40129   |
| 16      | VA B phase          | float     | 40131   |
| 17      | VLL average         | float     | 40133   |
| 18      | Vry phase           | float     | 40135   |
| 19      | Vyb phase           | float     | 40137   |
| 20      | Vbr phase           | float     | 40139   |
| 21      | VLN average         | float     | 40141   |
| 22      | V R phase           | float     | 40143   |
| 23      | V Y phase           | float     | 40145   |
| 24      | V B phase           | float     | 40147   |
| 25      | Current average     | float     | 40149   |
| 26      | Current R phase     | float     | 40151   |
| 27      | Current Y phase     | float     | 40153   |
| 28      | Current B phase     | float     | 40155   |
| 29      | Frequency           | float     | 40157   |
| 30      | Wh received         | float     | 40159   |
| 31      | VAh received        | float     | 40161   |
| 32      | VARh Ind. Received  | float     | 40163   |
| 33      | VARh Cap. Received  | float     | 40165   |
| 34      | Wh Delivered        | float     | 40167   |
| 35      | VAh Delivered       | float     | 40169   |
| 36      | VARh Ind. Delivered | float     | 40171   |
| 37      | PF Average Received | float     | 40175   |
| 38      | Amps hours Received | float     | 40177   |
| 39      | Neutral Current     | float     | 40183   |
| 40      | Voltage R Harmonics | float     | 40185   |
| 41      | Voltage Y Harmonics | float     | 40187   |
| 42      | Voltage B Harmonics | float     | 40189   |
| 43      | Current R Harmonics | float     | 40191   |
| 44      | Current Y Harmonics | float     | 40193   |

| Sl. No. | Parameter              | Data type     | Address |
|---------|------------------------|---------------|---------|
| 45      | Current B Harmonics    | float         | 40195   |
| 46      | Rising Demand          | float         | 40197   |
| 47      | Forecast Demand        | float         | 40199   |
| 48      | Maximum Demand         | float         | 40201   |
| 49      | RPM                    | float         | 40215   |
| 50      | Load Hours Received    | Unsigned long | 40217   |
| 51      | No of interruptions    | Unsigned long | 40221   |
| 52      | MD Occurrence time     | Unsigned long | 40223   |
| 53      | ON hours ( in seconds) | Unsigned long | 40231   |
| 54      | Voltage R phase angle  | float         | 40233   |
| 55      | Voltage Y phase angle  | float         | 40235   |
| 56      | Voltage B phase angle  | float         | 40237   |
| 57      | Current R phase angle  | float         | 40239   |
| 58      | Current Y phase angle  | float         | 40241   |
| 59      | Current B phase angle  | float         | 40243   |
| 60      | Voltage Unbal R Phase  | float         | 40259   |
| 61      | Voltage Unbal Y Phase  | float         | 40261   |
| 62      | Voltage Unbal B Phase  | float         | 40263   |
| 63      | Current Unbal R Phase  | float         | 40265   |
| 64      | Current Unbal Y Phase  | float         | 40267   |
| 65      | Current Unbal B Phase  | float         | 40269   |
| 66      | Additional Load        | float         | 40271   |
| 67      | VLL Max                | float         | 40285   |
| 68      | VLL Min                | float         | 40287   |
| 69      | VLN max                | float         | 40289   |
| 70      | VLN min                | float         | 40291   |
| 71      | Amps max               | float         | 40293   |
| 72      | Amps Min               | float         | 40295   |
| 73      | Frequency Max          | float         | 40297   |
| 74      | Frequency Min          | float         | 40299   |
| 75      | Watts Max              | float         | 40301   |
| 76      | Watts Min              | float         | 40303   |
| 77      | VAR max (absolute max) | float         | 40305   |
| 78      | VAR min (absolute min) | float         | 40307   |
| 79      | VA max                 | float         | 40309   |
| 80      | VA min                 | float         | 40311   |
| 81      | PF max (absolute max)  | float         | 40313   |
| 82      | PF min (absolute min)  | float         | 40315   |
| 83      | Voltage R Harmonics    | float         | 40479   |
| 84      | Voltage Y Harmonics    | float         | 40481   |
| 85      | Voltage B Harmonics    | float         | 40483   |
| 86      | Current R Harmonics    | float         | 40485   |
| 87      | Current Y Harmonics    | float         | 40487   |
| 88      | Current B Harmonics    | float         | 40489   |

| Sl. No. | Parameter                      | Data type | Address |
|---------|--------------------------------|-----------|---------|
| 89      | K factor Voltage R phase       | float     | 40491   |
| 90      | K factor Voltage Y phase       | float     | 40493   |
| 91      | K factor Voltage B phase       | float     | 40495   |
| 92      | K factor Current R phase       | float     | 40497   |
| 93      | K factor Current Y phase       | float     | 40499   |
| 94      | K factor Current B phase       | float     | 40501   |
| 95      | 3rd harmonics Voltage R phase  | float     | 40503   |
| 96      | 3rd harmonics Voltage Y phase  | float     | 40505   |
| 97      | 3rd harmonics Voltage B phase  | float     | 40507   |
| 98      | 3rd harmonics Current R phase  | float     | 40509   |
| 99      | 3rd harmonics Current Y phase  | float     | 40511   |
| 100     | 3rd harmonics Current B phase  | float     | 40513   |
| 101     | 5th harmonics Voltage R phase  | float     | 40515   |
| 102     | 5th harmonics Voltage Y phase  | float     | 40517   |
| 103     | 5th harmonics Voltage B phase  | float     | 40519   |
| 104     | 5th harmonics Current R phase  | float     | 40521   |
| 105     | 5th harmonics Current Y phase  | float     | 40523   |
| 106     | 5th harmonics Current B phase  | float     | 40525   |
| 107     | 7th harmonics Voltage R phase  | float     | 40527   |
| 108     | 7th harmonics Voltage Y phase  | float     | 40529   |
| 109     | 7th harmonics Voltage B phase  | float     | 40531   |
| 110     | 7th harmonics Current R phase  | float     | 40533   |
| 111     | 7th harmonics Current Y phase  | float     | 40535   |
| 112     | 7th harmonics Current B phase  | float     | 40537   |
| 113     | 9th harmonics Voltage R phase  | float     | 40539   |
| 114     | 9th harmonics Voltage Y phase  | float     | 40541   |
| 115     | 9th harmonics Voltage B phase  | float     | 40543   |
| 116     | 9th harmonics Current R phase  | float     | 40545   |
| 117     | 9th harmonics Current Y phase  | float     | 40547   |
| 118     | 9th harmonics Current B phase  | float     | 40549   |
| 119     | 11th harmonics Voltage R phase | float     | 40551   |
| 120     | 11th harmonics Voltage Y phase | float     | 40553   |
| 121     | 11th harmonics Voltage B phase | float     | 40555   |
| 122     | 11th harmonics Current R phase | float     | 40557   |
| 123     | 11th harmonics Current Y phase | float     | 40559   |
| 124     | 11th harmonics Current B phase | float     | 40561   |
| 125     | 13th harmonics Voltage R phase | float     | 40563   |
| 126     | 13th harmonics Voltage Y phase | float     | 40565   |
| 127     | 13th harmonics Voltage B phase | float     | 40567   |
| 128     | 13th harmonics Current R phase | float     | 40569   |
| 129     | 13th harmonics Current Y phase | float     | 40571   |
| 130     | 13th harmonics Current B phase | float     | 40573   |
| 131     | 15th harmonics Voltage R phase | float     | 40575   |
| 132     | 15th harmonics Voltage Y phase | float     | 40577   |
| 133     | 15th harmonics Voltage B phase | float     | 40579   |
| 134     | 15th harmonics Current R phase | float     | 40581   |
| 135     | 15th harmonics Current Y phase | float     | 40583   |

| Sl. No. | Parameter                      | Data type | Address |
|---------|--------------------------------|-----------|---------|
| 136     | 15th harmonics Current B phase | float     | 40585   |
| 137     | 17th harmonics Voltage R phase | float     | 40587   |
| 138     | 17th harmonics Voltage Y phase | float     | 40589   |
| 139     | 17th harmonics Voltage B phase | float     | 40591   |
| 140     | 17th harmonics Current R phase | float     | 40593   |
| 141     | 17th harmonics Current Y phase | float     | 40595   |
| 142     | 17th harmonics Current B phase | float     | 40597   |
| 143     | 19th harmonics Voltage R phase | float     | 40599   |
| 144     | 19th harmonics Voltage Y phase | float     | 40601   |
| 145     | 19th harmonics Voltage B phase | float     | 40603   |
| 146     | 19th harmonics Current R phase | float     | 40605   |
| 147     | 19th harmonics Current Y phase | float     | 40607   |
| 148     | 19th harmonics Current B phase | float     | 40609   |
| 149     | 21st harmonics Voltage R phase | float     | 40611   |
| 150     | 21st harmonics Voltage Y phase | float     | 40613   |
| 151     | 21st harmonics Voltage B phase | float     | 40615   |
| 152     | 21st harmonics Current R phase | float     | 40617   |
| 153     | 21st harmonics Current Y phase | float     | 40619   |
| 154     | 21st harmonics Current B phase | float     | 40621   |
| 155     | 23rd harmonics Voltage R phase | float     | 40623   |
| 156     | 23rd harmonics Voltage Y phase | float     | 40625   |
| 157     | 23rd harmonics Voltage B phase | float     | 40627   |
| 158     | 23rd harmonics Current R phase | float     | 40629   |
| 159     | 23rd harmonics Current Y phase | float     | 40631   |
| 160     | 23rd harmonics Current B phase | float     | 40633   |
| 161     | 25th harmonics Voltage R phase | float     | 40635   |
| 162     | 25th harmonics Voltage Y phase | float     | 40637   |
| 163     | 25th harmonics Voltage B phase | float     | 40639   |
| 164     | 25th harmonics Current R phase | float     | 40641   |
| 165     | 25th harmonics Current Y phase | float     | 40643   |
| 166     | 25th harmonics Current B phase | float     | 40645   |
| 167     | 27th harmonics Voltage R phase | float     | 40647   |
| 168     | 27th harmonics Voltage Y phase | float     | 40649   |
| 169     | 27th harmonics Voltage B phase | float     | 40651   |
| 170     | 27th harmonics Current R phase | float     | 40653   |
| 171     | 27th harmonics Current Y phase | float     | 40655   |
| 172     | 27th harmonics Current B phase | float     | 40657   |
| 173     | 29th harmonics Voltage R phase | float     | 40659   |
| 174     | 29th harmonics Voltage Y phase | float     | 40661   |
| 175     | 29th harmonics Voltage B phase | float     | 40663   |
| 176     | 29th harmonics Current R phase | float     | 40665   |
| 177     | 29th harmonics Current Y phase | float     | 40667   |
| 178     | 29th harmonics Current B phase | float     | 40669   |
| 179     | 31st harmonics Voltage R phase | float     | 40671   |
| 180     | 31st harmonics Voltage Y phase | float     | 40673   |
| 181     | 31st harmonics Voltage B phase | float     | 40675   |
| 182     | 31st harmonics Current R phase | float     | 40677   |

| Sl. No. | Parameter                      | Data type | Address |
|---------|--------------------------------|-----------|---------|
| 183     | 31st harmonics Current Y phase | float     | 40679   |
| 184     | 31st harmonics Current B phase | float     | 40681   |
| 185     | 2nd harmonics Voltage R phase  | float     | 40683   |
| 186     | 2nd harmonics Voltage Y phase  | float     | 40685   |
| 187     | 2nd harmonics Voltage B phase  | float     | 40687   |
| 188     | 2nd harmonics Current R phase  | float     | 40689   |
| 189     | 2nd harmonics Current Y phase  | float     | 40691   |
| 190     | 2nd harmonics Current B phase  | float     | 40693   |
| 191     | 4th harmonics Voltage R phase  | float     | 40695   |
| 192     | 4th harmonics Voltage Y phase  | float     | 40697   |
| 193     | 4th harmonics Voltage B phase  | float     | 40699   |
| 194     | 4th harmonics Current R phase  | float     | 40701   |
| 195     | 4th harmonics Current Y phase  | float     | 40703   |
| 196     | 4th harmonics Current B phase  | float     | 40705   |
| 197     | 6th harmonics Voltage R phase  | float     | 40707   |
| 198     | 6th harmonics Voltage Y phase  | float     | 40709   |
| 199     | 6th harmonics Voltage B phase  | float     | 40711   |
| 200     | 6th harmonics Current R phase  | float     | 40713   |
| 201     | 6th harmonics Current Y phase  | float     | 40715   |
| 202     | 6th harmonics Current B phase  | float     | 40717   |
| 203     | 8th harmonics Voltage R phase  | float     | 40719   |
| 204     | 8th harmonics Voltage Y phase  | float     | 40721   |
| 205     | 8th harmonics Voltage B phase  | float     | 40723   |
| 206     | 8th harmonics Current R phase  | float     | 40725   |
| 207     | 8th harmonics Current Y phase  | float     | 40727   |
| 208     | 8th harmonics Current B phase  | float     | 40729   |
| 209     | 10th harmonics Voltage R phase | float     | 40731   |
| 210     | 10th harmonics Voltage Y phase | float     | 40733   |
| 211     | 10th harmonics Voltage B phase | float     | 40735   |
| 212     | 10th harmonics Current R phase | float     | 40737   |
| 213     | 10th harmonics Current Y phase | float     | 40739   |
| 214     | 10th harmonics Current B phase | float     | 40741   |
| 215     | 12th harmonics Voltage R phase | float     | 40743   |
| 216     | 12th harmonics Voltage Y phase | float     | 40745   |
| 217     | 12th harmonics Voltage B phase | float     | 40747   |
| 218     | 12th harmonics Current R phase | float     | 40749   |
| 219     | 12th harmonics Current Y phase | float     | 40751   |
| 220     | 12th harmonics Current B phase | float     | 40753   |
| 221     | 14th harmonics Voltage R phase | float     | 40755   |
| 222     | 14th harmonics Voltage Y phase | float     | 40757   |
| 223     | 14th harmonics Voltage B phase | float     | 40759   |
| 224     | 14th harmonics Current R phase | float     | 40761   |
| 225     | 14th harmonics Current Y phase | float     | 40763   |
| 226     | 14th harmonics Current B phase | float     | 40765   |
| 227     | 16th harmonics Voltage R phase | float     | 40767   |
| 228     | 16th harmonics Voltage Y phase | float     | 40769   |

| Sl. No. | Parameter                      | Data type | Address |
|---------|--------------------------------|-----------|---------|
| 229     | 16th harmonics Voltage B phase | float     | 40771   |
| 230     | 16th harmonics Current R phase | float     | 40773   |
| 231     | 16th harmonics Current Y phase | float     | 40775   |
| 232     | 16th harmonics Current B phase | float     | 40777   |
| 233     | 18th harmonics Voltage R phase | float     | 40779   |
| 234     | 18th harmonics Voltage Y phase | float     | 40781   |
| 235     | 18th harmonics Voltage B phase | float     | 40783   |
| 236     | 18th harmonics Current R phase | float     | 40785   |
| 237     | 18th harmonics Current Y phase | float     | 40787   |
| 238     | 18th harmonics Current B phase | float     | 40789   |
| 239     | 20th harmonics Voltage R phase | float     | 40791   |
| 240     | 20th harmonics Voltage Y phase | float     | 40793   |
| 241     | 20th harmonics Voltage B phase | float     | 40795   |
| 242     | 20th harmonics Current R phase | float     | 40797   |
| 243     | 20th harmonics Current Y phase | float     | 40799   |
| 244     | 20th harmonics Current B phase | float     | 40801   |
| 245     | 22th harmonics Voltage R phase | float     | 40803   |
| 246     | 22th harmonics Voltage Y phase | float     | 40805   |
| 247     | 22th harmonics Voltage B phase | float     | 40807   |
| 248     | 22th harmonics Current R phase | float     | 40809   |
| 249     | 22th harmonics Current Y phase | float     | 40811   |
| 250     | 22th harmonics Current B phase | float     | 40813   |
| 251     | 24th harmonics Voltage R phase | float     | 40815   |
| 252     | 24th harmonics Voltage Y phase | float     | 40817   |
| 253     | 24th harmonics Voltage B phase | float     | 40819   |
| 254     | 24th harmonics Current R phase | float     | 40821   |
| 255     | 24th harmonics Current Y phase | float     | 40823   |
| 256     | 24th harmonics Current B phase | float     | 40825   |
| 257     | 26th harmonics Voltage R phase | float     | 40827   |
| 258     | 26th harmonics Voltage Y phase | float     | 40829   |
| 259     | 26th harmonics Voltage B phase | float     | 40831   |
| 260     | 26th harmonics Current R phase | float     | 40833   |
| 261     | 26th harmonics Current Y phase | float     | 40835   |
| 262     | 26th harmonics Current B phase | float     | 40837   |
| 263     | 28th harmonics Voltage R phase | float     | 40839   |
| 264     | 28th harmonics Voltage Y phase | float     | 40841   |
| 265     | 28th harmonics Voltage B phase | float     | 40843   |
| 266     | 28th harmonics Current R phase | float     | 40845   |
| 267     | 28th harmonics Current Y phase | float     | 40847   |
| 268     | 28th harmonics Current B phase | float     | 40849   |
| 269     | 30th harmonics Voltage R phase | float     | 40851   |
| 270     | 30th harmonics Voltage Y phase | float     | 40853   |
| 271     | 30th harmonics Voltage B phase | float     | 40855   |
| 272     | 30th harmonics Current R phase | float     | 40857   |
| 273     | 30th harmonics Current Y phase | float     | 40859   |
| 274     | 30th harmonics Current B phase | float     | 40861   |