

**PRESENT TRANSFORMATION CAPACITY  
(AS ON 31.12.2016)**

| Sl.No. | Name of the Sub-stn.            | Voltage Ratio | Capacity (in MVA)     | Remarks                    |
|--------|---------------------------------|---------------|-----------------------|----------------------------|
| 1      | 132KV Majuli sub-station        | 132/33KV      | 4 X 5.5(Single Phase) | 1 no. spare                |
| 2      | 132KV Dhemaji sub-station       | 132/33KV      | 2X10                  |                            |
| 3      | 220KV Samaguri grid sub-station | 220/132KV     | 1X100+2X50            |                            |
|        | 220KV Samaguri grid sub-station | 132/33KV      | 2X25                  |                            |
| 4      | 132KV Sankardevnagar GSS        | 132/33KV      | 2X25                  |                            |
| 5      | 132KV Nalkata sub-station       | 132/33KV      | 2X25                  |                            |
| 6      | 132KV Depota GSS                | 132/33KV      | 2X31.5                |                            |
| 7      | 220KV Balipara (PGCIL) SS       | 220/132KV     | 50                    | Sub-station owned by PGCIL |
| 8      | 132KV Rowta GSS                 | 132/33KV      | 2X25                  |                            |
| 9      | 132KV Gohpur GSS                | 132/33KV      | 2X25                  |                            |
| 10     | 132KV Biswanath Charali GSS     | 132/33KV      | 2X16                  |                            |
| 11     | 132KV Ghoramari GSS             | 132/33KV      | 16                    |                            |
| 12     | 132KV Joyma GSS                 | 132/33KV      | 2X16                  |                            |
| 13     | 132KV Dhaligaon GSS             | 132/33KV      | 2X25                  |                            |
| 14     | 132KV Bilasipara GSS            | 132/33KV      | 2X16                  |                            |
| 15     | 132KV Gauripur GSS              | 132/33KV      | 2X25                  |                            |
| 16     | 132KV APM GSS                   | 132/33KV      | 2X16                  |                            |
| 17     | 132KV Barnagar GSS              | 132/33KV      | 2X25                  |                            |
| 18     | 220KV Salakati GSS              | 220/132KV     | 1X160+1X80            |                            |
|        |                                 | 132/33KV      | 1X16                  |                            |
|        |                                 | 132/6.6KV     | 2X10                  |                            |
| 19     | 132KV Adabari GSS               | 132/33KV      | 2X25                  |                            |
| 20     | 132KV Kahilipara EHV GSS        | 132/33KV      | 2X40+1X31.5+2X30      |                            |
| 21     | 132/11 KV Capital GSS, Dispur   | 132/11KV      | 2X16                  |                            |
| 22     | 132KV Baghchap GSS              | 132/33KV      | 2X25                  |                            |
| 23     | 132KV Rangia GSS                | 132/33KV      | 2X25                  |                            |
| 24     | 132KV Sipajhar GSS              | 132/33KV      | 2X16                  |                            |
| 25     | 132KV Nalbari GSS               | 132/33KV      | 1X40+1X16             |                            |
| 26     | 220KV Sarusajai EHV GSS         | 220/132KV     | 3X100                 |                            |
|        |                                 | 132/33KV      | 3X31.5                |                            |
| 27     | 220KV GIS, Jawaharnagar         | 220/33KV      | 2X50                  |                            |
| 28     | 220KV Agia GSS                  | 220/132KV     | 1X100+1X50            |                            |
|        |                                 | 132/33KV      | 1X40+1X16             |                            |
| 29     | 220KV Boko GSS                  | 220/132KV     | 1X100+1X50            |                            |
|        |                                 | 132/33KV      | 1X40+1X16             |                            |
| 30     | 132KV Sishugram GSS             | 132/33KV      | 2X31.5+1X40           |                            |
| 31     | 132KV Narengi GSS               | 132/33KV      | 2X25                  |                            |
| 32     | 400KV KUKURMARA (Mirza)         | 440/220/33KV  | 2X315                 |                            |
|        |                                 | 220/132KV     | 2X50                  |                            |
| 33     | 220KV Samaguri GSS              | 220/132KV     | 1X100+2X50            |                            |
|        |                                 | 132/33KV      | 3X25                  |                            |
| 34     | 132KV Sankardevnagar GSS        | 132/33KV      | 2X25                  |                            |
| 35     | 132KV DEPOTA Sub station        | 132/33KV      | 2X31.5                |                            |
| 36     | 132KV Ghoramari (AIDC) GSS      | 132/33KV      | 1X16                  |                            |
| 37     | 132KV Biswanath Charali GSS,    | 132/33KV      | 2X16                  |                            |
| 38     | 132KV Gohpur GSS                | 132/33KV      | 2X25                  |                            |
| 39     | 132KV Rowta GSS,                | 132/33KV      | 2X25                  |                            |
| 40     | 132KV Nalkata GSS               | 132/33KV      | 2X25                  |                            |
| 41     | 132KV Hatigarh GSS              | 132/33KV      | 1X16+1X10             |                            |
| 42     | 132/33KV Umrangso               | 132/33KV      | 25                    |                            |
| 43     | 132 KV Panchgram Sub-station    | 132/33KV      | 2X25                  |                            |
| 44     | 132KV Dullarvcherra GSS         | 132/33KV      | 1X16+4X3.5            |                            |
| 45     | 132/33 KV Grid Substation       | 132/33KV      | 1X16+2X10             |                            |
| 46     | 132/33 KV Srikona Sub Station   | 132/33KV      | 2X25                  |                            |
| 47     | 132/33KV Haflong Grid S/S       | 132/33KV      | 2X10                  |                            |
| 48     | 132KV Dibrugarh GSS,            | 132/33KV      | 2X31.5                |                            |
| 49     | 132KV Moran GSS                 | 132/33KV      | 2X16                  |                            |

| SI.No. | Name of the Sub-stn.       | Voltage Ratio                        | Capacity (in MVA)           | Remarks                         |
|--------|----------------------------|--------------------------------------|-----------------------------|---------------------------------|
| 50     | 132KV Namrup GSS           | 132/66 AT<br>220/132 KV<br>132/33KV  | 3X20<br>2X50<br>1X31.5      |                                 |
| 51     | 132KV Khonikar GSS, AEGCL, | 132/33KV                             | 2X40                        |                                 |
| 52     | 132KV Dibrugarh GSS        | 132/33KV                             | 2X31.5                      |                                 |
| 53     | 220KV Mariani GSS          | 220/132KV<br>132/66KV<br>132/33KV    | 2X100<br>20<br>2X25         |                                 |
| 54     | 132KV Garmur GSS, Jorhat   | 132/33KV                             | 3X25                        |                                 |
| 55     | 220KV Tinsukia GSS         | 220/132<br>132/66<br>132/33<br>66/33 | 2X100<br>20<br>2X40<br>3X20 |                                 |
| 56     | 132/33 KV Bordubi GSS      | 132/33KV                             | 2X25                        |                                 |
| 57     | 132/33 KV Margerita GSS    | 132/33KV                             | 2X25                        |                                 |
| 58     | 132/33KV Rupai GSS         | 132/33KV<br>66/33KV                  | 2X25<br>3X10                |                                 |
| 59     | 132KV Gargaon GSS, Nazira  | 132/33KV<br>66/33KV                  | 2X25<br>2X16                |                                 |
| 60     | 132KV Sivsagar GSS         | 132/33KV                             | 2X16                        |                                 |
| 61     | 132/33KV Diphu GSS         | 132/33KV                             | 2X16                        |                                 |
| 62     | 132KV Bokakhat GSS         | 132/33KV                             | 2X16                        |                                 |
| 63     | 132KV Bokajan GSS, AEGCL   | 66/33KV<br><br>132/33KV              | 3X5<br><br>2X16             | Presently in abundant condition |
| 64     | 132/33KV Nagaon GSS        | 132/33KV                             | 2X25                        |                                 |