

Transmission & Sub-Transmission Assets

TRANS/SUBTRANS (CKM)

As of December 2012

SUBSTATION CAPACITY (MVA)

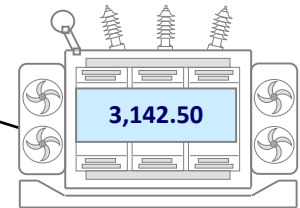
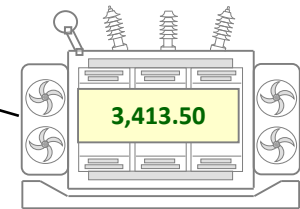
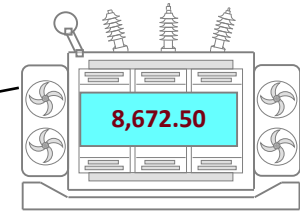
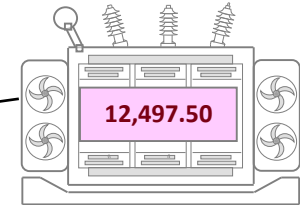
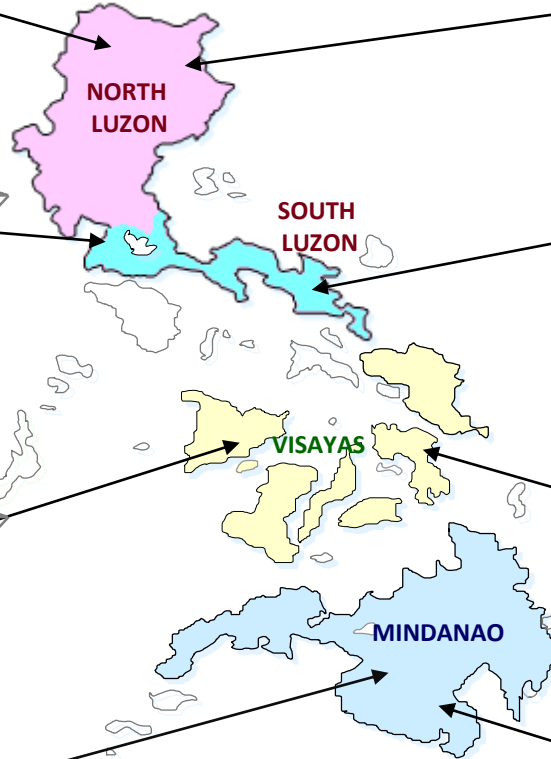
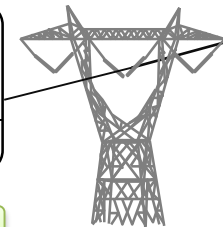
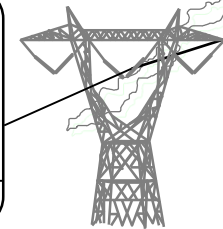
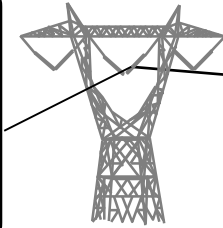
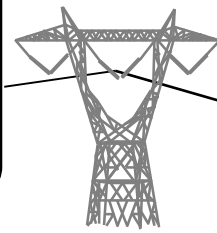
| | |
|--------------|-------------------|
| 500 kV | : 548.96 |
| 230 kV | : 2,916.24 |
| 115 kV | : 173.06 |
| 69 kV | : 1,740.85 |
| (& Below) | |
| TOTAL | : 5,379.11 |

| | |
|--------------|-------------------|
| 500 kV | : 433.34 |
| 350 kV | : 386.99 |
| 230 kV | : 2,228.83 |
| 115 kV | : 21.59 |
| 69 kV | : 923.64 |
| (& Below) | |
| TOTAL | : 3,994.39 |

| | |
|--------------|-------------------|
| 350 kV | : 518.00 |
| 230 kV | : 343.84 |
| 138 kV | : 1,945.90 |
| 69 kV | : 2,163.38 |
| (& Below) | |
| TOTAL | : 4,971.12 |

| | |
|--------------|-------------------|
| 138 kV | : 3,301.93 |
| 69 kV | : 1,843.71 |
| (& Below) | |
| TOTAL | : 5,145.64 |

TOTAL : 19,490.26



TOTAL : 27,726.00

Transmission & Sub-Transmission Assets

TRANS/SUBTRANS (CKM)

As of December 2013

SUBSTATION CAPACITY (MVA)

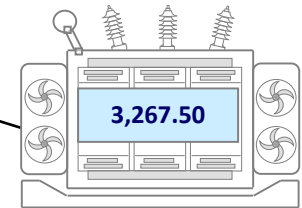
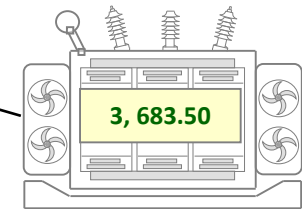
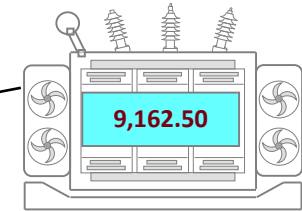
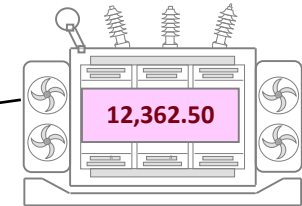
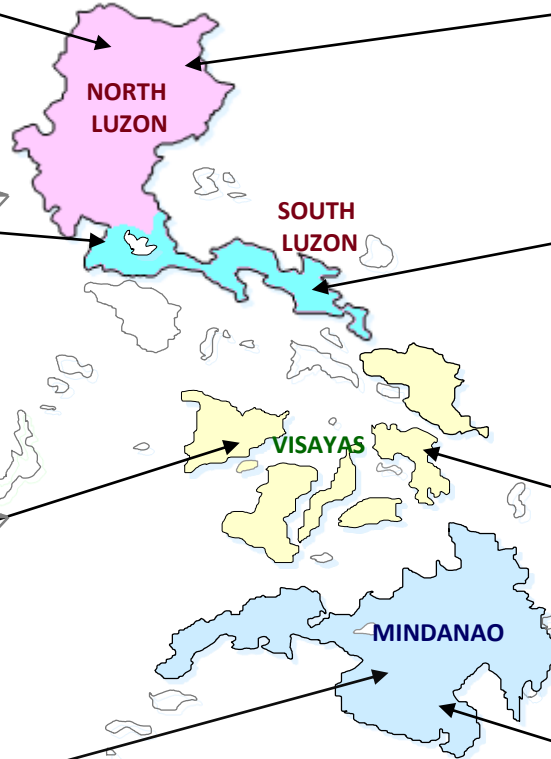
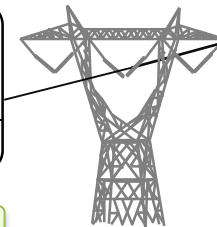
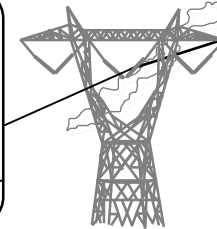
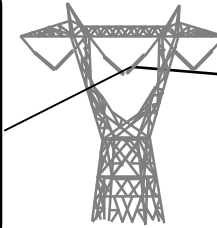
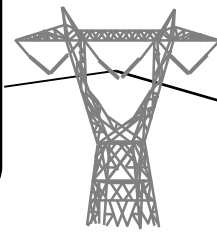
| | | |
|--------------|----------|-----------------|
| 500 kV | : | 548.96 |
| 230 kV | : | 2,950.27 |
| 115 kV | : | 169.72 |
| 69 kV | : | 1,777.35 |
| (& Below) | | |
| TOTAL | : | 5,446.30 |

| | | |
|--------------|----------|-----------------|
| 500 kV | : | 433.34 |
| 350 kV | : | 386.99 |
| 230 kV | : | 2,159.23 |
| 115 kV | : | 21.59 |
| 69 kV | : | 923.64 |
| (& Below) | | |
| TOTAL | : | 3,924.79 |

| | | |
|--------------|----------|-----------------|
| 350 kV | : | 518.00 |
| 230 kV | : | 343.84 |
| 138 kV | : | 1,918.46 |
| 69 kV | : | 2088.68 |
| (& Below) | | |
| TOTAL | : | 4,868.98 |

| | | |
|--------------|----------|-----------------|
| 138 kV | : | 3,301.93 |
| 69 kV | : | 1,843.71 |
| (& Below) | | |
| TOTAL | : | 5,145.64 |

TOTAL :19,385.71



TOTAL : 28,476

Transmission & Sub-Transmission Assets

TRANS/SUBTRANS (CKM)

As of December 2014

SUBSTATION CAPACITY (MVA)

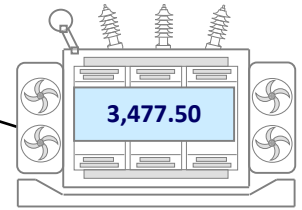
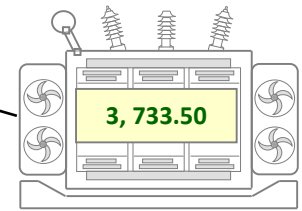
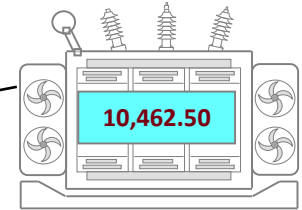
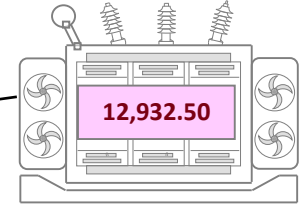
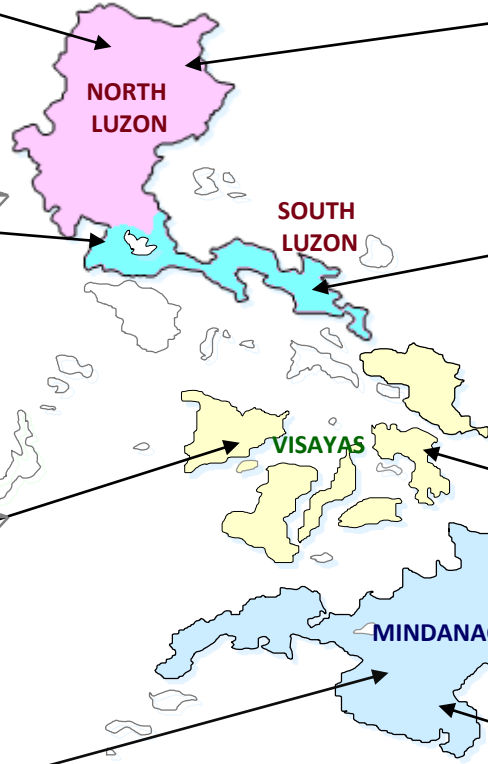
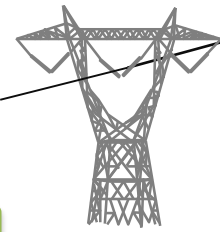
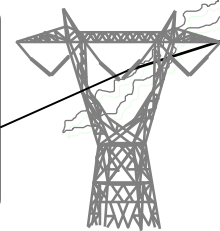
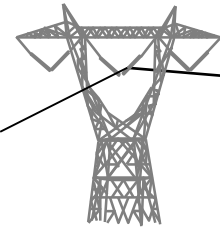
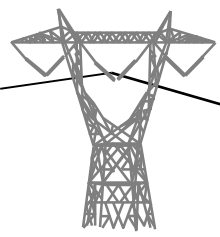
| | |
|--------------|--------------------|
| 500 kV | : 548.96 |
| 230 kV | : 2,950.27 |
| 115 kV | : 169.72 |
| 69 kV | : 1,776.36 |
| (& Below) | |
| TOTAL | : 5, 445.31 |

| | |
|--------------|--------------------|
| 500 kV | : 433.34 |
| 350 kV | : 386.99 |
| 230 kV | : 2,248.79 |
| 115 kV | : 21.59 |
| 69 kV | : 922.71 |
| (& Below) | |
| TOTAL | : 4, 013.42 |

| | |
|--------------|--------------------|
| 350 kV | : 518.00 |
| 230 kV | : 343.84 |
| 138 kV | : 1, 919.72 |
| 69 kV | : 2039.66 |
| (& Below) | |
| TOTAL | : 4, 821.22 |

| | |
|--------------|-------------------|
| 138 kV | : 3,546.29 |
| 69 kV | : 1,725.23 |
| (& Below) | |
| TOTAL | : 5,271.52 |

TOTAL :19, 551.47



TOTAL : 30,606

Existing Assets

TRANS/SUBTRANS (CKM)

As of December 30, 2015

SUBSTATION CAPACITY (MVA)

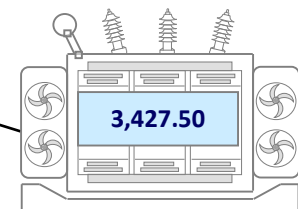
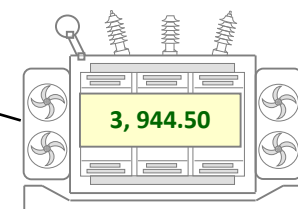
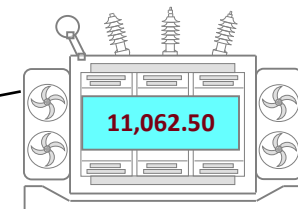
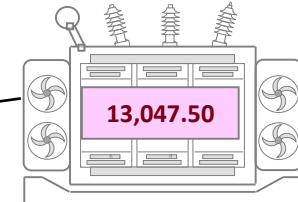
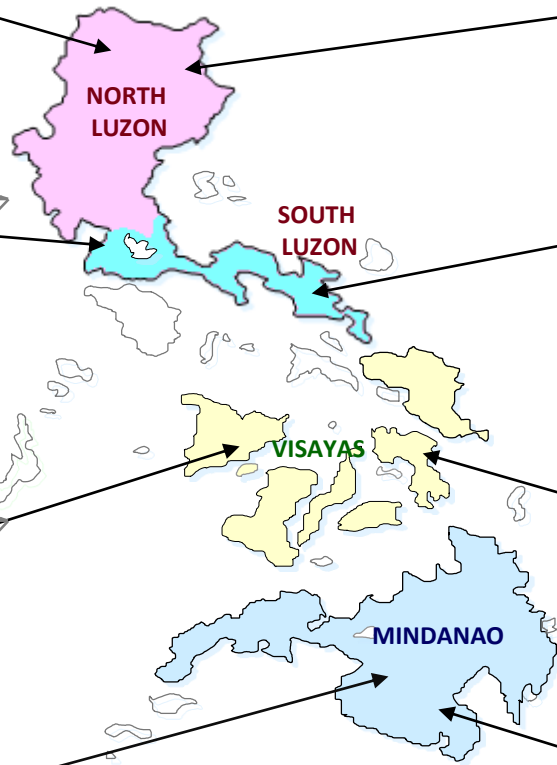
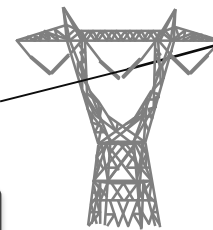
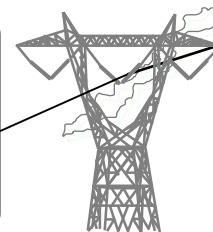
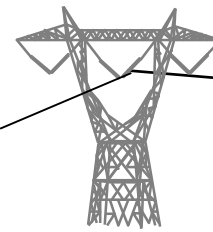
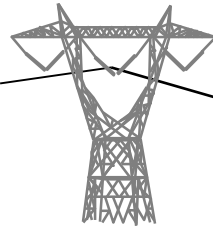
| | |
|--------------|--------------------|
| 500 kV | : 548.96 |
| 230 kV | : 3,166.07 |
| 115 kV | : 169.72 |
| 69 kV | : 1,686.59 |
| (& Below) | |
| TOTAL | : 5, 571.34 |

| | |
|--------------|-------------------|
| 500 kV | : 433.34 |
| 350 kV | : 386.99 |
| 230 kV | : 2,257.63 |
| 115 kV | : 21.59 |
| 69 kV | : 865.95 |
| (& Below) | |
| TOTAL | : 3,965.50 |

| | |
|--------------|--------------------|
| 350 kV | : 518.00 |
| 230 kV | : 343.84 |
| 138 kV | : 1, 865.85 |
| 69 kV | : 1,792.33 |
| (& Below) | |
| TOTAL | : 4, 520.02 |

| | |
|--------------|-------------------|
| 138 kV | : 4,104.92 |
| 69 kV | : 1,629.10 |
| (& Below) | |
| TOTAL | : 5,734.02 |

TOTAL : 19,790.88



TOTAL : 31, 482

Existing Assets

TRANS/SUBTRANS (CKM)

As of Dec 31, 2016

SUBSTATION CAPACITY (MVA)

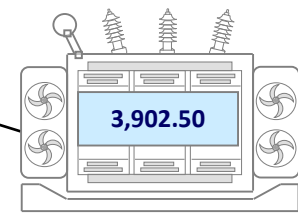
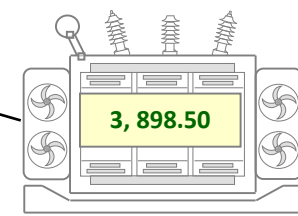
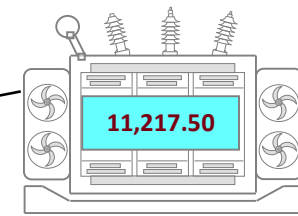
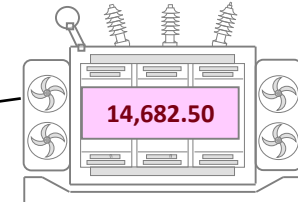
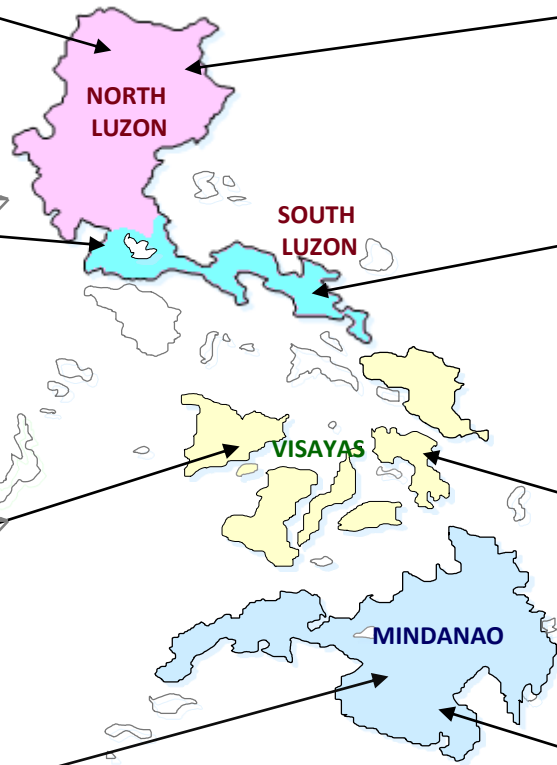
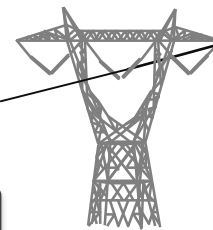
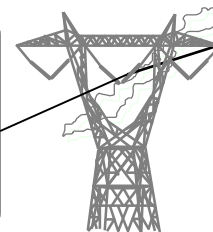
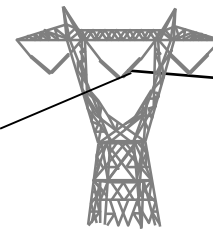
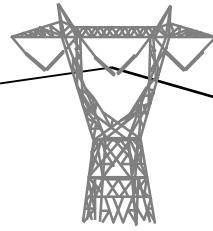
| | |
|--------------|--------------------|
| 500 kV | : 548.96 |
| 230 kV | : 3,166.07 |
| 115 kV | : 169.72 |
| 69 kV | : 1,686.59 |
| (& Below) | |
| TOTAL | : 5, 571.34 |

| | |
|--------------|-------------------|
| 500 kV | : 433.34 |
| 350 kV | : 386.99 |
| 230 kV | : 2,253.99 |
| 115 kV | : 21.59 |
| 69 kV | : 935.37 |
| (& Below) | |
| TOTAL | : 4,031.28 |

| | |
|--------------|--------------------|
| 350 kV | : 518.00 |
| 230 kV | : 343.84 |
| 138 kV | : 1,914.69 |
| 69 kV | : 1,699.10 |
| (& Below) | |
| TOTAL | : 4, 475.63 |

| | |
|--------------|-------------------|
| 138 kV | : 4,349.28 |
| 69 kV | : 1,731.43 |
| (& Below) | |
| TOTAL | : 6,080.71 |

TOTAL : 20,158.96



TOTAL : 33, 701

Existing Assets

TRANS/SUBTRANS (CKM)

As of Dec 31, 2017

SUBSTATION CAPACITY (MVA)

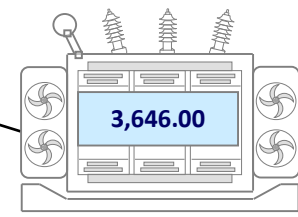
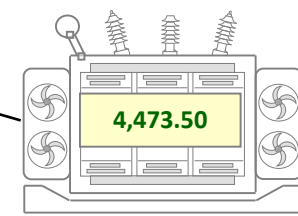
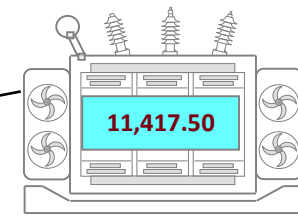
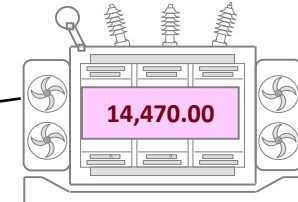
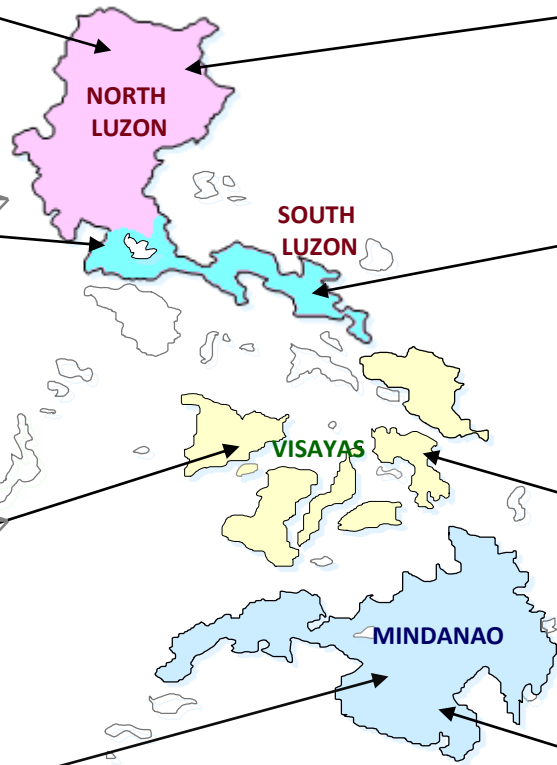
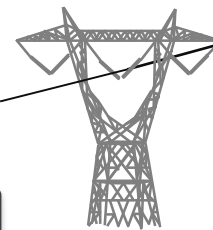
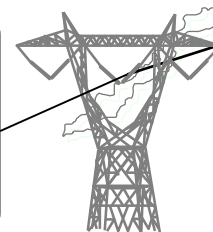
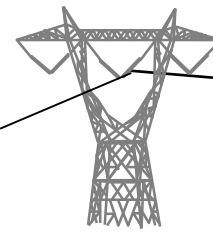
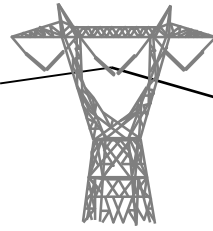
| | |
|--------------|--------------------|
| 500 kV | : 548.96 |
| 230 kV | : 3,463.61 |
| 115 kV | : 169.79 |
| 69 kV | : 1,716.59 |
| (& Below) | |
| TOTAL | : 5, 898.95 |

| | |
|--------------|-------------------|
| 500 kV | : 433.34 |
| 350 kV | : 344.40 |
| 230 kV | : 2,231.61 |
| 115 kV | : 21.59 |
| 69 kV | : 864.86 |
| (& Below) | |
| TOTAL | : 3,895.79 |

| | |
|--------------|-------------------|
| 350 kV | : 518.00 |
| 230 kV | : 343.84 |
| 138 kV | : 2,377.99 |
| 69 kV | : 2,138.69 |
| (& Below) | |
| TOTAL | : 5 378.52 |

| | |
|--------------|-------------------|
| 138 kV | : 4,349.28 |
| 69 kV | : 1,731.43 |
| (& Below) | |
| TOTAL | : 6,080.71 |

TOTAL : 20,848.54



TOTAL : 34, 007.00

Existing Assets

TRANS/SUBTRANS (CKM)

As of Dec 31, 2018

SUBSTATION CAPACITY (MVA)

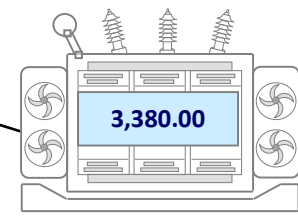
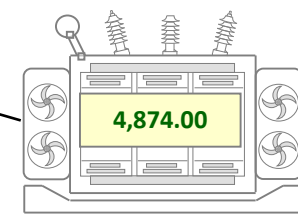
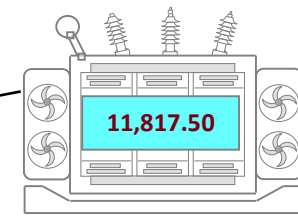
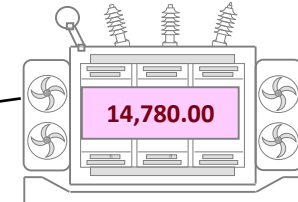
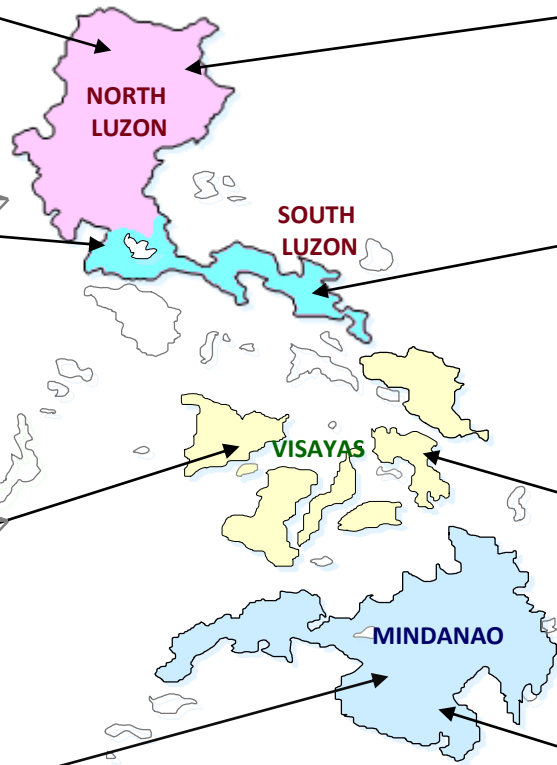
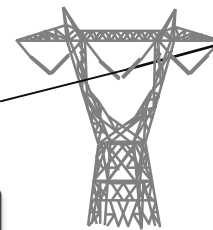
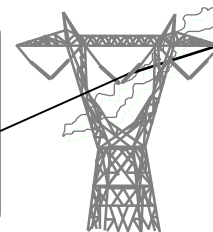
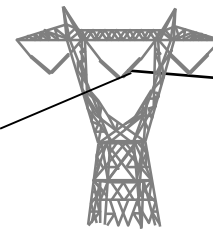
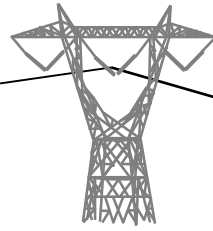
| | |
|--------------|-------------------|
| 500 kV | : 548.96 |
| 230 kV | : 3,291.73 |
| 115 kV | : 169.79 |
| 69 kV | : 1,615.76 |
| (& Below) | |
| TOTAL | : 5,626.24 |

| | |
|--------------|-------------------|
| 500 kV | : 433.34 |
| 350 kV | : 344.40 |
| 230 kV | : 2,230.01 |
| 115 kV | : 21.59 |
| 69 kV | : 791.66 |
| (& Below) | |
| TOTAL | : 3,820.99 |

| | |
|--------------|-------------------|
| 350 kV | : 518.00 |
| 230 kV | : 343.84 |
| 138 kV | : 2,377.99 |
| 69 kV | : 2,138.69 |
| (& Below) | |
| TOTAL | : 5,378.52 |

| | |
|--------------|-------------------|
| 138 kV | : 4,169.09 |
| 69 kV | : 1,509.84 |
| (& Below) | |
| TOTAL | : 5,678.93 |

TOTAL : 20,504.68



TOTAL : 34,851.50

Existing Assets

TRANS/SUBTRANS (CKM)

As of December 31, 2019

SUBSTATION CAPACITY (MVA)

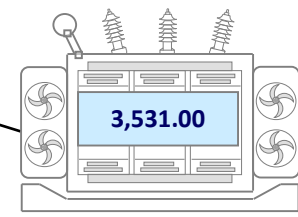
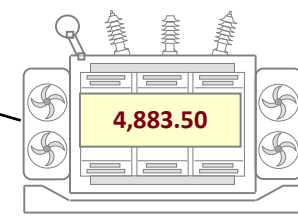
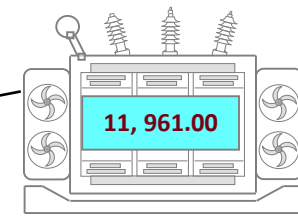
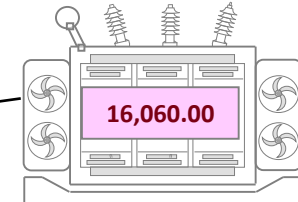
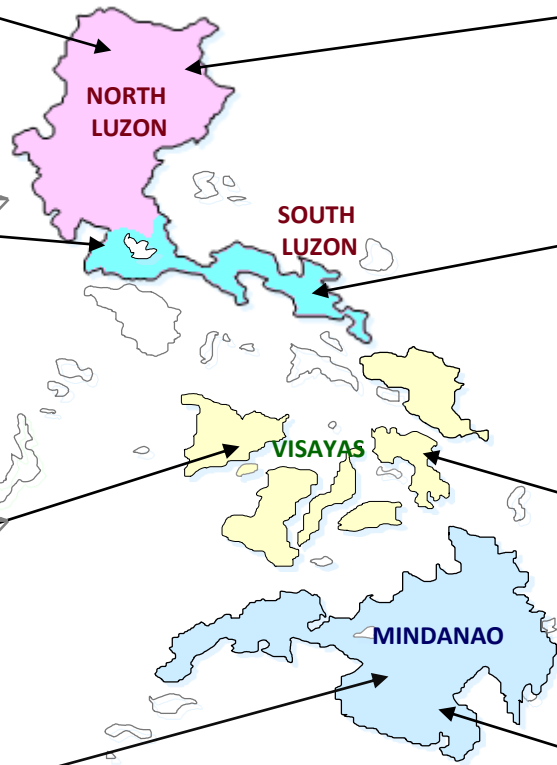
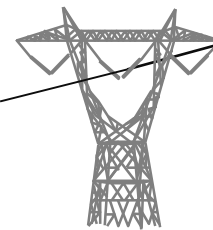
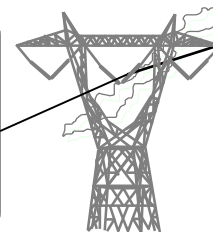
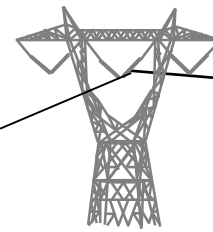
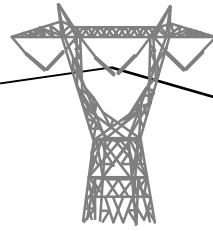
| | |
|--------------|-------------------|
| 500 kV | : 548.96 |
| 230 kV | : 3,386.05 |
| 115 kV | : 173.13 |
| 69 kV | : 1,569.63 |
| (& Below) | |
| TOTAL | : 5,677.77 |

| | |
|--------------|-------------------|
| 500 kV | : 168.14 |
| 350 kV | : 344.40 |
| 230 kV | : 2,204.41 |
| 115 kV | : 21.59 |
| 69 kV | : 810.17 |
| (& Below) | |
| TOTAL | : 3,549.47 |

| | |
|--------------|-------------------|
| 350 kV | : 453 |
| 230 kV | : 344.04 |
| 138 kV | : 2,502.13 |
| 69 kV | : 2,000.06 |
| (& Below) | |
| TOTAL | : 5,299.23 |

| | |
|--------------|-------------------|
| 230 kV | : 800.40 |
| 138 kV | : 3,066.73 |
| 69 kV | : 1,685.69 |
| (& Below) | |
| TOTAL | : 5,552.82 |

TOTAL : 20,079.28



TOTAL : 36,435.50