

POWER**Electricity Generation and Consumption in A&N Islands**

| Particulars | 2009-10 | 2010-11 | 2011-12 |
|--|------------------|------------------|------------------|
| Installed Capacity(KW) | 74210 | 81210 | 83710 |
| Generation (KW) | 228296700 | 79778445 | 250353448 |
| Rural | 58158932 | 61822379 | 65305302 |
| Urban | 170137768 | 17956066 | 185048146 |
| Consumption (KW) | 176895415 | 187005151 | 198618184 |
| Rural | 45119477 | 45730973 | 49222751 |
| Urban | 131775938 | 141274178 | 149395433 |
| Requirement to meet the present demand(KW) | | | 273892354 |
| Requirement to meet the future demand(KW) | | | 300424136 |
| District-wise 2011-12 | | | |
| Particulars | South Andaman | N&M Andaman | Nicobar |
| Installed Capacity(KW) | 53740 | 17790 | 12180 |
| Generation (KW) | 198886418 | 34839957 | 16627073 |
| Rural | 28748650 | 34839957 | 16627073 |
| Urban | 170137768 | - | - |
| Consumption (KW) | 160128367 | 25779310 | 12710507 |
| Rural | 28352429 | 25779310 | 12710507 |
| Urban | 131775938 | - | - |
| Consumption (%) | 80.62 | 12.98 | 6.40 |
| Requirement to meet the present demand(KW) | 218775059 | 38323952 | 16793343 |
| Requirement to meet the future demand(KW) | 238663701 | 41807948 | 19952487 |

**District/Tehsil-wise Villages Electrified/Consumers in A&N Islands
as on 31.3.2012**

| Name of Tehsil/District | Villages Electrified (No.) | No. of Consumers | |
|--------------------------|----------------------------|------------------|--------------|
| | | Domestic | Commercial |
| N & M ANDAMAN | 135 | 21683 | 4108 |
| Diglipur | 33 | 8064 | 1329 |
| Mayabunder & Rangat | 102 | 13619 | 2779 |
| South Andaman | 106 | 60895 | 10810 |
| Port Blair & Ferrargunj | 88 | 55670 | 10049 |
| Little Andaman | 18 | 5225 | 761 |
| Nicobar | 98 | 9265 | 1004 |
| Car Nicobar | 16 | 4188 | 255 |
| Nancowrie | 70 | 2962 | 409 |
| Campbell Bay | 12 | 2115 | 340 |
| A & N Islands | 339 | 91843 | 15922 |

Power House, DG Set, Solar Power, Hydro Power (No.) as on 31.3.2012

| Items | South Andaman | N&M Andaman | Nicobar | A&N Islands |
|--|---------------|-------------|---------|-------------|
| Power house | 14 | 11 | 23 | 48 |
| DG set installed | 40 | 40 | 44 | 124 |
| Solar Power Plant | 2 | - | - | 2 |
| Hydro power plant/ Project | - | 1 | - | 1 |
| - Capacity (KW) | - | 5250 | - | 5250 |
| - Generation(KW) | - | 1334000 | - | 11334000 |
| Alternative power generation plant Bio mass etc. | - | - | - | |

Power Plants, Transmission Lines, Power House & Transformer as on 31.3.2012

| District/Tehsil | Type of Power Plants | Length of Transmission lines | | Power House (No.) | Transformer | |
|-------------------------------------|----------------------|------------------------------|----------------------|-------------------|-------------|---------------|
| | | 33KV/11KV(KM) | Lt. Line 415 KV (KM) | | No. | capacity |
| N& M Andaman | Diesel/Hydro | 583 | 1510 | 11 | 204 | 21676 |
| North Andaman | Diesel/Hydro | 203 | 683 | 6 | 79 | 7464 |
| Middle Andaman (Mayabunder, Rangat) | - | 380 | 827 | 5 | 125 | 14212 |
| South Andaman | Diesel | 435 | 1621 | 14 | 453 | 91150 |
| Port Blair & Ferrargunj | Diesel | 385 | 1523 | 14 | 407 | 82864 |
| Little Andaman | Diesel | 50 | 98 | - | 46 | 8286 |
| Nicobar | Diesel | 153 | 200 | 23 | 151 | 14791 |
| Car Nicobar | Diesel | 24 | 11 | 2 | 73 | 8029 |
| Nancowrie | Diesel | 71 | 119 | 15 | 40 | 3181 |
| Campbell Bay | Diesel | 58 | 70 | 6 | 38 | 3581 |
| A & N Islands | Diesel/Hydro | 1171 | 3331 | 48 | 808 | 127617 |

Per Capita consumption of Electricity, Transmission loss & distribution as on 31.3.2012

| District/Tehsil | Per capita consumption of Electricity (KWh) | Energy loss on transmission & distribution & unaccounted (in %) |
|--------------------------------------|---|---|
| N & M Andaman | 244.72 | 23.16 |
| North Andaman | 225.24 | 26.82 |
| Middle Andaman (Mayabunder & Rangat) | 257.04 | 20.98 |
| South Andaman | 673.98 | 21.35 |
| Port Blair & Ferrargunj | 701.50 | 20.35 |
| Little Andaman | 353.51 | 16.43 |
| Nicobar | 345.48 | 20.82 |
| Car Nicobar | 341.73 | 20.72 |
| Nancowrie | 306.52 | 22.80 |
| Campbell Bay | 401.83 | 18.97 |
| A & N Islands | 522.75 | 18.03 |

Non -Conventional Sources of Energy in A&N Islands as on 31.3.2012

| Items | South Andaman | N&M Andaman | Nicobar |
|--|---------------|-------------|---------|
| No. of Solar light Post provided - Rural (excluding tribal area) | - | - | - |
| - Urban | 6 | 22 | - |
| - Tribal Area | - | - | 4 |
| Solar Lanterns provided to Tribal (No.) | 25 | 143 | - |