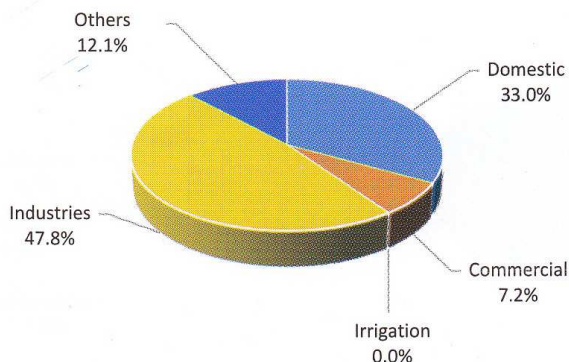


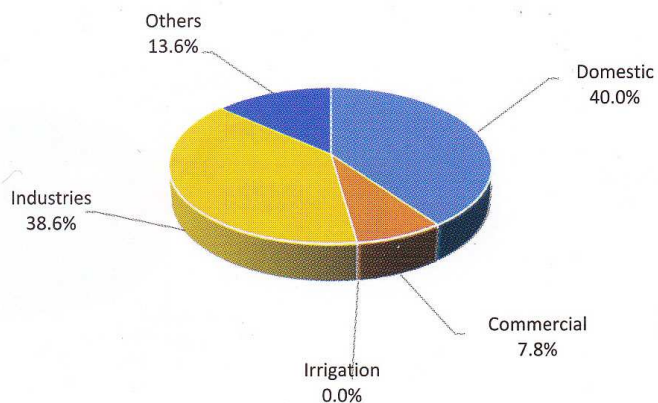
Table 5.80  
**MEGHALAYA**  
 19TH ELECTRIC POWER SURVEY PROJECTION  
 ELECTRICAL ENERGY CONSUMPTION, ENERGY REQUIREMENT AND PEAK ELECTRICITY DEMAND  
 (CATEGORY WISE & YEAR WISE SUMMARY)  
 (2015-16 to 2021-22) (Utilities Only)

Consumption Categories	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
<b>Energy Consumption in MUs</b>							
Domestic	423	483	539	596	647	692	740
Commercial	92	99	107	116	125	134	145
Public lighting	1	1	1	1	1	2	2
Public Water Works	37	45	48	50	53	56	59
Irrigation	0	0	0	0	0	0	0
Industries LT	6	6	6	6	6	6	7
Industries HT	608	626	641	658	674	691	708
Railway traction	0	0	0	0	0	0	0
Bulk Supply	117	142	151	160	170	181	191
<b>Total Energy Consumption</b>	<b>1283</b>	<b>1402</b>	<b>1494</b>	<b>1587</b>	<b>1676</b>	<b>1762</b>	<b>1852</b>
T&D losses -MU	611	611	591	568	611	614	616
T&D losses - %	32.25	30.36	28.36	26.36	26.71	25.83	24.95
Energy Requirement - MU	1894	2014	2085	2156	2287	2375	2467
Annual Load Factor - %	57.66	57.66	57.66	57.66	57.66	57.66	57.66
<b>Peak Electricity Demand - MW</b>	<b>375</b>	<b>399</b>	<b>413</b>	<b>427</b>	<b>453</b>	<b>470</b>	<b>488</b>
<b>Energy Requirement (Ex Bus) - MU</b>	<b>1973</b>	<b>2094</b>	<b>2168</b>	<b>2242</b>	<b>2378</b>	<b>2470</b>	<b>2566</b>
T&D losses (Ex Bus) -%	34.96	33.04	31.12	29.20	29.53	28.68	27.84
<b>Pattern of Utilisation</b>							
Category	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Domestic	33.0	34.4	36.1	37.5	38.6	39.3	40.0
Commercial	7.2	7.1	7.2	7.3	7.4	7.6	7.8
Irrigation	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Industries	47.8	45.0	43.3	41.8	40.6	39.6	38.6
Others	12.1	13.5	13.4	13.4	13.4	13.5	13.6
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

**PATTERN OF UTILISATION FOR 2015-16**



**PATTERN OF UTILISATION FOR 2021-22**



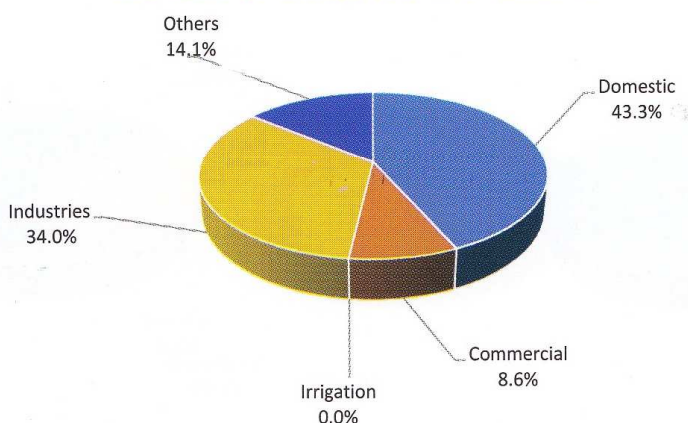
**Note:** Bulk supply includes supply to Distribution Licensees which have been considered as point load by the main distribution licensee, Government/Defence establishments, airports, open access consumers, temporary connection etc.

Table 5.80 (Contd.)

**MEGHALAYA**

**19TH ELECTRIC POWER SURVEY PROJECTION**  
**ELECTRICAL ENERGY CONSUMPTION, ENERGY REQUIREMENT AND PEAK ELECTRICITY DEMAND**  
**(CATEGORY WISE & YEAR WISE SUMMARY)**  
**(2021-22 to 2026-27) (Utilities Only)**

Consumption Categories	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
<b>Energy Consumption in MUs</b>						
Domestic	740	791	846	904	966	1031
Commercial	145	155	167	179	192	205
Public lighting	2	2	2	2	2	2
Public Water Works	59	63	66	70	73	77
Irrigation	0	0	0	0	0	0
Industries LT	7	7	7	7	8	8
Industries HT	708	726	745	763	782	802
Railway traction	0	0	0	0	0	0
Bulk Supply	191	203	214	228	242	257
<b>Total Energy Consumption</b>	<b>1852</b>	<b>1947</b>	<b>2047</b>	<b>2152</b>	<b>2265</b>	<b>2382</b>
T&D losses -MU	616	617	618	636	655	674
T&D losses - %	24.95	24.08	23.20	22.81	22.43	22.04
Energy Requirement - MU	2467	2564	2665	2788	2919	3055
Annual Load Factor - %	57.66	57.66	57.66	57.66	57.66	57.66
<b>Peak Electricity Demand - MW</b>	<b>488</b>	<b>508</b>	<b>528</b>	<b>552</b>	<b>578</b>	<b>605</b>
<b>Energy Requirement (Ex Bus) - MU</b>	<b>2566</b>	<b>2667</b>	<b>2771</b>	<b>2900</b>	<b>3036</b>	<b>3177</b>
T&D losses (Ex Bus) -%	27.84	27.00	26.15	25.78	25.41	25.04
<b>Pattern of Utilisation</b>						
Category	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
Domestic	40.0	40.6	41.3	42.0	42.6	43.3
Commercial	7.8	8.0	8.1	8.3	8.5	8.6
Irrigation	0.0	0.0	0.0	0.0	0.0	0.0
Industries	38.6	37.7	36.7	35.8	34.9	34.0
Others	13.6	13.7	13.8	13.9	14.0	14.1
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

**PATTERN OF UTILISATION FOR 2026-27**

**Note:** Bulk supply includes supply to Distribution Licensees which have been considered as point load by the main distribution licensee, Government/Defence establishments, airports, open access consumers, temporary connection etc.