附件2

各省（区、市）电力系统参考备用率

| **序号** | **地区** | | **合理**  **备用率** | **绿色区间** | **橙色区间** | **红色区间** |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | 黑龙江 | | 13% | ≤17% | 17-19% | >19% |
| 2 | 吉 林 | | 13% | ≤15% | 15-18% | ≥18% |
| 3 | 辽 宁 | | 13% | ≤15% | 15-17% | ≥17% |
| 4 | 内蒙古 | 蒙东 | 15% | ≤22% | 22-28% | ≥28% |
| 5 | 蒙西 | 15% | ≤17% | 17-23% | ≥23% |
| 6 | 北 京 | | 15% | - | - | - |
| 7 | 天 津 | | 15% | ≤19% | 19-23% | ≥23% |
| 8 | 河 北 | | 13% | ≤16% | 16-19% | ≥19% |
| 9 | 山 东 | | 13% | ≤14% | 14-18% | ≥18% |
| 10 | 山 西 | | 13% | ≤15% | 15-19% | ≥19% |
| 11 | 陕 西 | | 13% | ≤15% | 15-20% | ≥20% |
| 12 | 甘 肃 | | 13% | ≤16% | 16-19% | ≥19% |
| 13 | 青 海 | | 13% | ≤15% | 15-20% | ≥20% |
| 14 | 宁 夏 | | 15% | ≤19% | 19-23% | ≥23% |
| 15 | 新 疆 | | 15% | ≤17% | 17-22% | ≥22% |
| 16 | 河 南 | | 14% | ≤15% | 15-21% | ≥21% |
| 17 | 湖 北 | | 14% | ≤16% | 16-23% | ≥23% |
| 18 | 湖 南 | | 14% | ≤17% | 17-22% | ≥22% |
| 19 | 江 西 | | 14% | ≤16% | 16-23% | ≥23% |
| 20 | 四 川 | | 14% | ≤15% | 15-19% | ≥19% |
| 21 | 重 庆 | | 15% | ≤18% | 18-23% | ≥23% |
| 22 | 西 藏 | | - | - | - | - |
| 23 | 上 海 | | 15% | ≤17% | 17-19% | ≥19% |
| 24 | 江 苏 | | 12% | ≤13% | 13-19% | ≥19% |
| 25 | 浙 江 | | 12% | ≤13% | 13-17% | ≥17% |
| 26 | 安 徽 | | 12% | ≤14% | 14-19% | ≥19% |
| 27 | 福 建 | | 12% | ≤14% | 14-19% | ≥19% |
| 28 | 广 东 | | 13% | ≤14% | 14-18% | ≥18% |
| 29 | 广 西 | | 13% | ≤15% | 15-22% | ≥22% |
| 30 | 云 南 | | 13% | ≤15% | 15-17% | ≥17% |
| 31 | 贵 州 | | 13% | ≤15% | 15-17% | ≥17% |
| 32 | 海 南 | | 20% | ≤26% | 26-32% | ≥32% |

注：

绿色区间：系统实际备用率不高于合理备用率，或在合理备用率之上小于当地一台大型煤电单机对应的系统备用率；

红色区间：系统实际备用率在合理备用率之上多出当地一年负荷增长需要的装机所对应的系统备用率；

橙色区间：系统实际备用率介于绿色及红色范围之间。