附件1

各省、自治区、直辖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% | ≤15% | 15-16% | >16% |
| 2 | 吉林 | | | 13% | ≤15% | 15-17% | ≥17% |
| 3 | 辽宁 | | | 13% | ≤14% | 14-17% | ≥17% |
| 4 | 内蒙古 | | 蒙东 | 15% | ≤19% | 19-20% | ≥20% |
| 5 | 蒙西 | 15% | ≤16% | 16-21% | ≥21% |
| 6 | 北京 | | | 15% | - | - | - |
| 7 | 天津 | | | 15% | ≤19% | 19-20% | ≥20% |
| 8 | 河北 | 冀北 | | 13% | ≤15% | 15-17% | ≥17% |
| 9 | 冀南 | | 13% | ≤14% | 14-18% | ≥18% |
| 10 | 山东 | | | 13% | ≤14% | 14-17% | ≥17% |
| 11 | 山西 | | | 13% | ≤15% | 15-19% | ≥19% |
| 12 | 陕西 | | | 13% | ≤15% | 15-18% | ≥18% |
| 13 | 甘肃 | | | 13% | ≤15% | 15-18% | ≥18% |
| 14 | 青海 | | | 13% | ≤16% | 16-18% | ≥18% |
| 15 | 宁夏 | | | 15% | ≤18% | 18-20% | ≥20% |
| 16 | 新疆 | | | 15% | ≤17% | 17-22% | ≥22% |
| 17 | 河南 | | | 14% | ≤15% | 15-19% | ≥19% |
| 18 | 湖北 | | | 14% | ≤16% | 16-20% | ≥20% |
| 19 | 湖南 | | | 14% | ≤16% | 16-20% | ≥20% |
| 20 | 江西 | | | 14% | ≤16% | 16-22% | ≥22% |
| 21 | 四川 | | | 14% | ≤15% | 15-19% | ≥19% |
| 22 | 重庆 | | | 15% | ≤17% | 17-21% | ≥21% |
| 23 | 西藏 | | | - | - | - | - |
| 24 | 上海 | | | 15% | ≤17% | 17-18% | ≥18% |
| 25 | 江苏 | | | 12% | ≤13% | 13-17% | ≥17% |
| 26 | 浙江 | | | 12% | ≤13% | 13-17% | ≥17% |
| 27 | 安徽 | | | 12% | ≤14% | 14-18% | ≥18% |
| 28 | 福建 | | | 12% | ≤14% | 14-18% | ≥18% |
| 29 | 广东 | | | 13% | ≤14% | 14-18% | ≥18% |
| 30 | 广西 | | | 13% | ≤15% | 15-17% | ≥17% |
| 31 | 云南 | | | 13% | ≤14% | 14-20% | ≥20% |
| 32 | 贵州 | | | 13% | ≤15% | 15-20% | ≥20% |
| 33 | 海南 | | | 20% | ≤25% | 25-29% | ≥29% |

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。