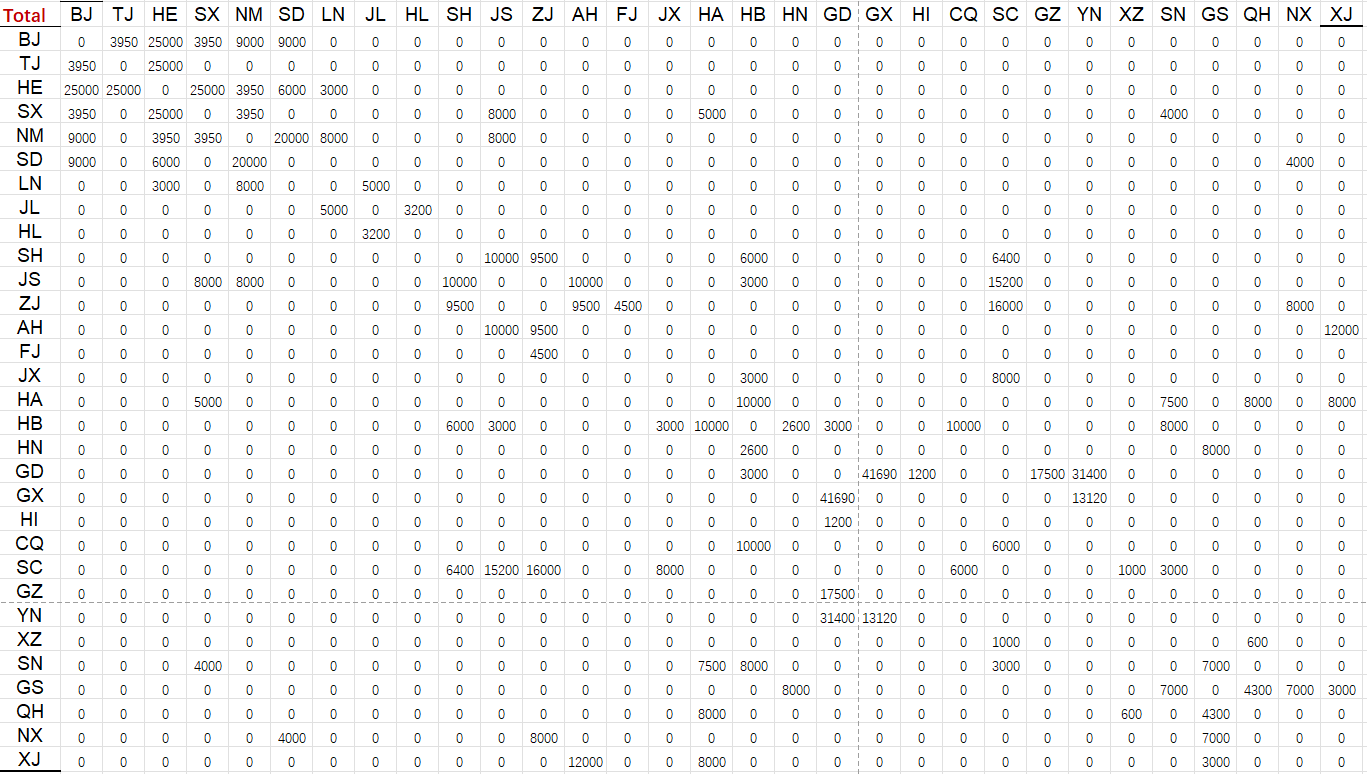
表1：全国主要跨区电力联络线路及区域内联络线路

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 联络跨区类型 | 序号 | 送端地区 | 线路工程名称 | 电压等级（kV） | 输送能力 万千瓦（10MW） | 受端地区 | 送端省份 | 受端省份 | English Name |
| 跨区域电力联络线 | 1 | 华北 | 阳城-淮安 特高压交流 | 500 | 330 | 华东 | 山西 | 江苏 | Yangcheng-Huaian 500kV AC |
| 2 | 锡盟 - 泰州特高压直流 | ±800 | 1000 | 内蒙 | 江苏 | Ximeng-Taizhou ±800kV DC |
| 3 | 晋北 - 南京特高压直流 | ±800 | 800 | 山西 | 江苏 | Jinbei-Nanjing ±800kV DC |
| 4 | 华北 | 晋东南一南阳 - 荆门特高压交流 | 1000 | 500 | 华中 | 山西 | 湖北 | Jindongnan-Nanyang-Jingmen 1000kV AC |
| 5 | 东北 | 高岭直流背靠背 | ±125 | 300 | 华北 | 辽宁 | 河北 | GaoLin Back-to-Back ±125kV DC |
| 6 | 辽宁绥中电厂送华北电网 | 500 | 200 | 辽宁 | 河北 | Suizhong-Huabei ±500kV DC |
| 7 | 扎鲁特至青州特高压直流 | ±800 | 1000 | 内蒙 | 山东 | Zhalute-Qingzhou ±800kV DC |
| 8 | 华中 | 葛洲坝 - 上海直流 | ±500 | 300 | 华东 | 湖北 | 上海 | Gezhouba-Shanghai ±500kV DC |
| 9 | 三峡 - 常州直流 | ±500 | 300 | 湖北 | 江苏 | Sanxia-Changzhou ±500kV DC |
| 10 | 三峡 - 上海直流 | ±500 | 300 | 湖北 | 上海 | Sanxia-Shanghai ±500kV DC |
| 11 | 向家坝 - 上海直流 | ±800 | 640 | 四川 | 上海 | Xiangjiaba-Shanghai ±800kV DC |
| 12 | 团林 - 枫泾直流 | ±500 | 300 | 湖北 | 上海 | Tuanlin-Fengqin ±500kV DC |
| 13 | 锦屏 - 苏南直流 | ±800 | 720 | 四川 | 江苏 | Jinping-Sunan ±800kV DC |
| 14 | 溪洛渡 - 浙江直流 | ±800 | 800 | 四川 | 浙江 | Xiluodu-Jinhua ±800kV DC |
| 15 | 白鹤滩-浙江 | ±800 | 800 | 四川 | 浙江 | Baihetan-Jiangsu ±800kV DC |
| 16 | 白鹤滩-江苏 | ±800 | 800 | 四川 | 江苏 | Baihetan-Zhejiang ±800kV DC |
| 17 | 雅中-江西 | ±800 | 800 |  | 四川 | 江西 | Yazhong-Jiangxi ±800kV DC |
| 18 | 湖南鲤鱼江水电站送南方区域 | 500 | 180 | 华南 | 湖南 | 广东 | Liyujiang-Nanfang 500KV AC |
| 19 | 江陵 - 鹅城直流 | ±500 | 300 | 湖北 | 广东 | Jianglin-Echeng ±500kV DC |
| 20 | 西北 | 陕西府谷、锦界送华北电网 | 500 | 360 | 华北 | 陕西 | 河北 | Jingjie-Huabei 500KV AC |
| 21 | 宁东 - 山东直流 | ±660 | 400 | 宁夏 | 山东 | Ningdong-Shandong ±660kV DC |
| 22 | 榆横 - 潍坊1000千伏特高压交流 | 1000 | 750 | 陕西 | 山东 | Yuheng-Weifang 1000kV AC |
| 23 | 锡盟-山东交流 | 1000 | 600 | 内蒙 | 山东 | Ximeng-Shandong 1000kV AC |
| 24 | 内蒙-河北交流 | 500 | 400 | 内蒙 | 河北 | Neimeng-Hebei 1000kV AC |
| 25 | 蒙西-山西-北京-天津 | 1000 | 600 | 内蒙 | 天津 | Mengxi-Tianjinnan 1000kV AC |
| 26 | 蒙西-晋中 | 1000 | 800 | 华北 | 内蒙 | 山西 | Mengxi-Jinzhong 1000kV AC |
| 27 | 内蒙古上海庙 - 山东临沂特高压直流 | ±800 | 1000 |  | 内蒙 | 山东 | Shanghaimiao-Shandong ±800kV DC |
| 28 | 宁东 - 浙江直流 | ±800 | 800 | 华东 | 宁夏 | 浙江 | Ningdong-Zhejiang ±800kV DC |
| 29 | 吉泉直流 | ±1100 | 1200 | 新疆 | 安徽 | Jiquan ±1100kV DC |
| 30 | 灵宝直流背靠背 | ±500 | 111 | 华中 | 陕西 | 河南 | Lingbao Back-to-Back ±500kV DC |
| 31 | 宝鸡 - 德阳直流 | ±500 | 300 | 陕西 | 四川 | Baoji-Deyang ±500kV DC |
| 32 | 哈密南 - 郑州直流 | ±800 | 800 | 新疆 | 河南 | Haminan-Zhengzhou ±800kV DC |
| 33 | 酒泉 - 湖南特高压直流 | ±800 | 800 | 甘肃 | 湖南 | Jiuquan-Hunan ±800kV DC |
| 34 | 青海 - 河南特高压直流 | ±800 | 800 | 青海 | 河南 | Qinghai-Henan ±800kV DC |
| 35 | 陕北-武汉特高压直流 | ±800 | 800 | 陕西 | 湖北 | Shanbei-Wuhan ±800kV DC |
| 36 | 青藏联网 | ±400 | 60 |  | 青海 | 西藏 | Chaidamu-Lasha ±400kV DC |
| 37 | 准东 - 皖南特高压直流 | ±1100 | 1200 | 华东 | 新疆 | 安徽 | Zhundong-Wannan ±1100kV DC |
| 38 | 华南 | 贵州二郎电厂送重庆 | 500 | 264 | 华中 | 贵州 | 重庆 | Guizhou-Chongqing 500kV AC |
| 区域内主要联络线 | 39 | 华东 | 淮南-浙北-上海 1000千伏 | 1000 | 950 | 华东 | 浙江 | 上海 | Huainan-Zhebei-Shanghai 1000kV AC |
| 40 | 浙北-福州 1000千伏 | 1000 | 1050 | 浙江 | 福州 | Zhebei-Fuzhou 1000kV AC |
| 41 | 淮南-南京-上海 1000千伏 | 1000 | 1000 | 安徽 | 上海 | Huainan-Nanjing-Shanghai 1000kV AC |
| 42 | 华北 | 蒙西-山西-北京-天津 | 1000 | 500 | 华北 | 内蒙 | 天津 | Mengxi-Tianjinnan 1000kV AC |
| 43 | 潍坊 石家庄 | 1000 | 600 | 山东 | 河北 | Weifang-Shijiazhuang 1000kV AC |
| 44 | 张家口风电送京津冀 | ±500 | 375 | 河北 | 北京、天津 | Zhangjiakou-Jingji ±500kV DC |
| 45 | 华南 | 云南-广东 | ±800 | 500 | 华南 | 云南 | 广东 | Yunnan-Guangdong ±800kV DC |
| 46 | 糯扎渡-广东 | ±800 | 500 | 云南 | 广东 | Nuozhadu-Guangdong ±800kV DC |
| 47 | 滇西北-广东 | ±800 | 500 | 云南 | 广东 | Dianxibei-Guangdong ±800kV DC |
| 48 | 贵广直流1 | ±500 | 300 | 贵州 | 广东 | Gui-Guang-1 ±500kV DC |
| 49 | 贵广直流2 | ±500 | 300 | 贵州 | 广东 | Gui-Guang-2 ±500kV DC |
| 50 | 天广直流 | ±500 | 300 | 云南 | 广东 | Tian-Zhong ±500kV DC |
| 51 | 金中直流 | ±500 | 300 | 云南 | 广西 | Jin-Zhong ±500kV DC |
| 52 | 云贵互通 | ±500 | 300 | 云南 | 贵州 | Yun-Gui interconnection ±500kV DC |
| 53 | 乌东德-两广 | ±800 | 800 | 云南 | 广东、广西 | Wudongde-Guangdong ±800kV DC |
| 54 | 溪广直流 | ±500 | 640 | 云南 | 广州 | Xi-Guang ±500kV DC |
| 55 | 天广交流（共4期线路） | 500 | 360 | 云南 | 广东 | Tian-Guang 500kV AC |
| 56 | 滇南交流 | 500 | 140 | 广西 | 广东 | Dian-Guang 500kV AC |
| 57 | 罗百交流 | 500 | 250 | 广西 | 广东 | Luo-Bai 500kV AC |
| 58 | 海南交流双回 | 500 | 120 | 海南 | 广东 | Hainan-Guangdong 500kV AC |
| 59 | 华中 | 渝鄂背靠背 | ±500 | 500 | 华中 | 重庆 | 湖北 | Chongqing-Hubei back-to-back ±500kV DC |

表2：全国主要区域内联络断面容量

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 序号 | 区域 | 主要断面 | 省间联络线路回路数 | | | | | | 设计输电能力(万千瓦时) |
| 330KV | 500KV | 750KV | 1000KV | 500KV DC | 800KV DC |
| 1 | 东北 | 辽 - 吉、蒙断面 |  | 12 |  |  |  |  | 1370 |
| 2 | 黑 - 吉断面 |  | 4 |  |  |  |  | 320 |
| 3 | 华北 | 蒙西 - 京津冀断面 |  | 4 |  |  |  |  | 395 |
| 4 | 山西 - 京津冀断面 |  | 9 |  | 4 |  |  | 2500 |
| 5 | 京津冀 - 山东断面 |  | 4 |  | 6 |  |  | 2400 |
| 6 | 西北 | 新疆 - 甘肃断面 |  |  | 4 |  |  |  | 300 |
| 7 | 甘肃 - 陕西断面 |  |  | 4 |  |  |  | 700 |
| 8 | 甘肃 - 青海断面 |  |  | 6 |  |  |  | 430 |
| 9 | 甘肃 - 宁夏断面 |  |  | 4 |  |  |  | 700 |
| 11 | 华中 | 渝 - 鄂断面 |  |  |  |  | 4 |  | 500 |
| 12 | 川 - 渝断面 |  | 6 |  |  |  |  | 600 |
| 13 | 鄂 - 湘断面 |  | 3 |  |  |  |  | 260 |
| 14 | 鄂 - 豫断面 |  | 4 |  | 1 |  |  | 500 |
| 15 | 鄂 - 赣断面 |  | 3 |  |  |  |  | 300 |
| 16 | 川 - 藏 |  | 2 |  |  |  |  | 170 |
| 17 | 华东 | 皖 - 江浙沪断面 |  | 7 |  | 4 |  |  | 1950 |
| 18 | 闽 - 江浙沪断面 |  | 2 |  | 2 |  |  | 450 |
| 19 | 华南 | 云南出口断面 |  |  |  |  | 4 | 3 | 3120 |
| 20 | 贵州出口断面 |  | 5 |  |  | 2 |  | 1150 |
| 21 | 两广断面 |  | 8 |  |  | 5 | 3 | 3790 |

表3：全国跨省联络线容量 单位（MW）



表格数据如下：

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Prov** | BJ | TJ | HE | SX | NM | SD | LN | JL | HL | SH | JS | ZJ | AH | FJ | JX | HA | HB | HN | GD | GX | HI | CQ | SC | GZ | YN | XZ | SN | GS | QH | NX | XJ |
| BJ | 0 | 3950 | 25000 | 3950 | 9000 | 9000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TJ | 3950 | 0 | 25000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HE | 25000 | 25000 | 0 | 25000 | 3950 | 6000 | 3000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SX | 3950 | 0 | 25000 | 0 | 3950 | 0 | 0 | 0 | 0 | 0 | 8000 | 0 | 0 | 0 | 0 | 5000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4000 | 0 | 0 | 0 | 0 |
| NM | 9000 | 0 | 3950 | 3950 | 0 | 20000 | 8000 | 0 | 0 | 0 | 8000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SD | 9000 | 0 | 6000 | 0 | 20000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4000 | 0 |
| LN | 0 | 0 | 3000 | 0 | 8000 | 0 | 0 | 5000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| JL | 0 | 0 | 0 | 0 | 0 | 0 | 5000 | 0 | 3200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10000 | 9500 | 0 | 0 | 0 | 0 | 6000 | 0 | 0 | 0 | 0 | 0 | 6400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| JS | 0 | 0 | 0 | 8000 | 8000 | 0 | 0 | 0 | 0 | 10000 | 0 | 0 | 10000 | 0 | 0 | 0 | 3000 | 0 | 0 | 0 | 0 | 0 | 15200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ZJ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9500 | 0 | 0 | 9500 | 4500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16000 | 0 | 0 | 0 | 0 | 0 | 0 | 8000 | 0 |
| AH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10000 | 9500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12000 |
| FJ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| JX | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3000 | 0 | 0 | 0 | 0 | 0 | 8000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HA | 0 | 0 | 0 | 5000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7500 | 0 | 8000 | 0 | 8000 |
| HB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6000 | 3000 | 0 | 0 | 0 | 3000 | 10000 | 0 | 2600 | 3000 | 0 | 0 | 10000 | 0 | 0 | 0 | 0 | 8000 | 0 | 0 | 0 | 0 |
| HN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2600 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8000 | 0 | 0 | 0 |
| GD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3000 | 0 | 0 | 41690 | 1200 | 0 | 0 | 17500 | 31400 | 0 | 0 | 0 | 0 | 0 | 0 |
| GX | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41690 | 0 | 0 | 0 | 0 | 0 | 13120 | 0 | 0 | 0 | 0 | 0 | 0 |
| HI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CQ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10000 | 0 | 0 | 0 | 0 | 0 | 6000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6400 | 15200 | 16000 | 0 | 0 | 8000 | 0 | 0 | 0 | 0 | 0 | 0 | 6000 | 0 | 0 | 0 | 1000 | 3000 | 0 | 0 | 0 | 0 |
| GZ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| YN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31400 | 13120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| XZ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1000 | 0 | 0 | 0 | 0 | 0 | 600 | 0 | 0 |
| SN | 0 | 0 | 0 | 4000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7500 | 8000 | 0 | 0 | 0 | 0 | 0 | 3000 | 0 | 0 | 0 | 0 | 7000 | 0 | 0 | 0 |
| GS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7000 | 0 | 4300 | 7000 | 3000 |
| QH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 600 | 0 | 4300 | 0 | 0 | 0 |
| NX | 0 | 0 | 0 | 0 | 0 | 4000 | 0 | 0 | 0 | 0 | 0 | 8000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7000 | 0 | 0 | 0 |
| XJ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12000 | 0 | 0 | 8000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3000 | 0 | 0 | 0 |