### 1.整体用电概况监测

public ElectricEnergyValue GetElectricEnergyValue()

|  |  |
| --- | --- |
| url | <http://127.0.0.1:60008/LogService/GetElectricEnergyValue> |
| 请求方式 | post |
| 参数: | 无 |
| 返回值 | {  "GetElectricEnergyValueResult" : {  "dayElectricValue" : 1.89,  "dayGrowthRate" : 0,  "lastMonthElectricValue" : 0,  "lastWeekElectricValue" : 15.16,  "monthElectricValue" : 37.63,  "monthGrowthRate" : 0,  "weekElectricValue" : 1.89,  "weekGrowthRate" : -0.88,  "yesterdayElectricValue" : 0  }  } |

### 2.当日实时用电趋势监测

public ElectricThred GetElectricThred()

|  |  |
| --- | --- |
| url | <http://127.0.0.1:60008/LogService/GetElectricThred> |
| 请求方式 | post |
| 参数: | 无 |
| 返回值 | {  "GetElectricThredResult" : {  "the24HoursThrend" : [ 0.42, 0.41, 0.42, 0.41, 0.42, 0.41, 0.21, 0.01, 0.02, 0.02, 0.02, 0.02, 0.02, 0.01, 0.02, 0.02, 0.02, 0.02, 0.08, 0.48, 0.59, 0.45, 0.37, 0.31 ],  "the24HoursTime" : [ "14", "15", "16", "17", "18", "19", "20", "21", "22", "23", "00", "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", "12", "13" ],  "the48HoursThrend" : [ ],  "the48HoursTime" : [ ]  }  } |

### 3.建筑总用电趋势和室外温度

public AllBuildingElectricThred GetAllBuildingElectricThred()

|  |  |
| --- | --- |
| url | <http://127.0.0.1:60008/LogService/GetAllBuildingElectricThred> |
| 请求方式 | post |
| 参数: | 无 |
| 返回值 | {  "GetAllBuildingElectricThredResult" : {  "dayElectricList" : [ 0.02, 0.02, 0.02, 0.01, 0.02, 0.02, 0.02, 0.02, 0.08, 0.48, 0.59, 0.45, 0.37, 0.34 ],  "dayTimeList" : [ "00", "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", "12", "13" ],  "dayWeatherList" : [ ],  "monthElectricList" : [ 0.21, 2.93, 4.03, 4.64, 2.75, 2.46 ],  "monthTimeList" : [ "05", "06", "07", "09", "21", "22" ],  "monthWeatherList" : [ ],  "weekElectricList" : [ 2.75, 2.46 ],  "weekTimeList" : [ "05-21", "05-22" ],  "weekWeatherList" : [ ],  "yearElectricList" : [ 17.02 ],  "yearTimeList" : [ "2019-05" ],  "yearWeatherList" : [ ]  }  } |

### 4.空调应用系统用电趋势

public AirConditioningElectricThred GetAirConditioningElectricThred()

|  |  |
| --- | --- |
| url | [http://127.0.0.1:60008/LogService/GetAirConditioningElectricThred](http://127.0.0.1:60008/LogService/GetAirConditioningElectricThred%20) |
| 请求方式 | post |
| 参数: | 无 |
| 返回值 | {  "GetAirConditioningElectricThredResult" : {  "dayElectricList" : [ 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00, 0.00 ],  "dayTimeList" : [ "00", "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", "12", "13", "14" ],  "monthElectricList" : [ 0.00, 0.00, 0.00, 0.00, 0.00, 0.00 ],  "monthTimeList" : [ "05", "06", "07", "09", "21", "22" ],  "weekElectricList" : [ 0.00, 0.00 ],  "weekTimeList" : [ "05-21", "05-22" ],  "yearElectricList" : [ 0.00 ],  "yearTimeList" : [ "2019-05" ]  }  } |

### 5.建筑用电分区top5

public BuildingElectricAreaTop5 GetBuildingElectricAreaTop5()

|  |  |
| --- | --- |
| url | <http://127.0.0.1:60008/LogService/GetBuildingElectricAreaTop5> |
| 请求方式 | post |
| 参数: | 无 |
| 返回值 | {  "GetBuildingElectricAreaTop5Result" : {  "dayAreaElectricPercentList" : [ 100.0 ],  "dayAreaNameList" : [ "实验室" ],  "monthAreaElectricPercentList" : [ 100.0 ],  "monthAreaNameList" : [ "实验室" ],  "weekAreaElectricPercentList" : [ 100.0 ],  "weekAreaNameList" : [ "实验室" ],  "yearAreaElectricPercentList" : [ 100.0 ],  "yearAreaNameList" : [ "实验室" ]  }  } |

### 6.建筑用电分项top5

public BuildingElectriItemTop5 GetBuildingElectriItemTop5()

|  |  |
| --- | --- |
| url | <http://127.0.0.1:60008/LogService/GetBuildingElectriItemTop5> |
| 请求方式 | post |
| 参数: | 无 |
| 返回值 | {  "GetBuildingElectriItemTop5Result" : {  "dayItemElectricPercentList" : [ 80.7, 19.3 ],  "dayItemNameList" : [ "门禁", "插座" ],  "monthItemElectricPercentList" : [ 63.4, 36.6 ],  "monthItemNameList" : [ "门禁", "插座" ],  "weekItemElectricPercentList" : [ 87.5, 12.5 ],  "weekItemNameList" : [ "门禁", "插座" ],  "yearItemElectricPercentList" : [ 63.4, 36.6 ],  "yearItemNameList" : [ "门禁", "插座" ]  }  } |

### 7.查询电表值

**public decimal GetElectriValueByDeviceName(string DeviceName)**

|  |  |
| --- | --- |
| url | [http://127.0.0.1:60008/LogService/GetElectriValueByDeviceName](http://127.0.0.1:60008/LogService/GetElectriValueByDeviceName%20) |
| 请求方式 | post |
| 参数: | {"**DeviceName**":"机柜电表"} |
| 返回值 | {"GetElectriValueByDeviceNameResult":1210.01} |