# 首页-昨日电量统计

GET

http://[ip:port/api/bigScreen/yesterdayElectricity](http://127.0.0.1/api/bigScreen/yesterdayElectricity)

{

"msg": "操作成功",

"code": 0,

"data": [

{

"quantity": 100.15,

"typeCode": "光伏"

},

{

"quantity": 956.22,

"typeCode": "充电桩"

},

{

"quantity": 200.,

"typeCode": "储能放"

},

{

"quantity": 102,

"typeCode": "储能充"

}

]

}

# 首页-光伏使用情况（储能实时数据-总充电总放电）

GET

Http://[ip:port/api/bigScreen/selectDlsyqk](http://127.0.0.1/api/bigScreen/selectDlsyqk)

{

"msg": "操作成功",

"code": 0,

"data": [

{

"num": 10,

"name": "储能充"

},

{

"num": 10,

"name": "储能放" //这个是后面加的，只用于展示首页-储能实时数据的储能总放电量。

},

{

"num": 122,

"name": "充电桩"

},

{

"num": 128.4,

"name": "家用负荷"

}

]

}

# 首页-光伏发电情况(日)

GET

http://ip:port/[127.0.0.1/api/bigScreen/ssPhotovoltaicPower](http://127.0.0.1/api/bigScreen/ssPhotovoltaicPower)

{

"msg": "操作成功",

"code": 0,

"data": [

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": null,

"cjMpId": null,

"dataDate": "2014-06-20 01:00:00",

"dataSource": null,

"writeDate": null,

"zxygz": 6,

"fxygz": null,

"zxwgz": null,

"fxwgz": null,

"field01": null,

"field03": null,

"field02": null

},

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": null,

"cjMpId": null,

"dataDate": "2014-06-20 02:00:00",

"dataSource": null,

"writeDate": null,

"zxygz": 4.8,

"fxygz": null,

"zxwgz": null,

"fxwgz": null,

"field01": null,

"field03": null,

"field02": null

},

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": null,

"cjMpId": null,

"dataDate": "2014-06-20 03:00:00",

"dataSource": null,

"writeDate": null,

"zxygz": 6,

"fxygz": null,

"zxwgz": null,

"fxwgz": null,

"field01": null,

"field03": null,

"field02": null

},

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": null,

"cjMpId": null,

"dataDate": "2014-06-20 04:00:00",

"dataSource": null,

"writeDate": null,

"zxygz": 6,

"fxygz": null,

"zxwgz": null,

"fxwgz": null,

"field01": null,

"field03": null,

"field02": null

},

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": null,

"cjMpId": null,

"dataDate": "2014-06-20 05:00:00",

"dataSource": null,

"writeDate": null,

"zxygz": 6,

"fxygz": null,

"zxwgz": null,

"fxwgz": null,

"field01": null,

"field03": null,

"field02": null

},

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": null,

"cjMpId": null,

"dataDate": "2014-06-20 06:00:00",

"dataSource": null,

"writeDate": null,

"zxygz": 6,

"fxygz": null,

"zxwgz": null,

"fxwgz": null,

"field01": null,

"field03": null,

"field02": null

},

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": null,

"cjMpId": null,

"dataDate": "2014-06-20 07:00:00",

"dataSource": null,

"writeDate": null,

"zxygz": 6,

"fxygz": null,

"zxwgz": null,

"fxwgz": null,

"field01": null,

"field03": null,

"field02": null

},

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": null,

"cjMpId": null,

"dataDate": "2014-06-20 08:00:00",

"dataSource": null,

"writeDate": null,

"zxygz": 4.8,

"fxygz": null,

"zxwgz": null,

"fxwgz": null,

"field01": null,

"field03": null,

"field02": null

},

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": null,

"cjMpId": null,

"dataDate": "2014-06-20 09:00:00",

"dataSource": null,

"writeDate": null,

"zxygz": 4.8,

"fxygz": null,

"zxwgz": null,

"fxwgz": null,

"field01": null,

"field03": null,

"field02": null

},

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": null,

"cjMpId": null,

"dataDate": "2014-06-20 10:00:00",

"dataSource": null,

"writeDate": null,

"zxygz": 6,

"fxygz": null,

"zxwgz": null,

"fxwgz": null,

"field01": null,

"field03": null,

"field02": null

},

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": null,

"cjMpId": null,

"dataDate": "2014-06-20 11:00:00",

"dataSource": null,

"writeDate": null,

"zxygz": 6,

"fxygz": null,

"zxwgz": null,

"fxwgz": null,

"field01": null,

"field03": null,

"field02": null

},

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": null,

"cjMpId": null,

"dataDate": "2014-06-20 12:00:00",

"dataSource": null,

"writeDate": null,

"zxygz": 4.8,

"fxygz": null,

"zxwgz": null,

"fxwgz": null,

"field01": null,

"field03": null,

"field02": null

},

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": null,

"cjMpId": null,

"dataDate": "2014-06-20 13:00:00",

"dataSource": null,

"writeDate": null,

"zxygz": 4.8,

"fxygz": null,

"zxwgz": null,

"fxwgz": null,

"field01": null,

"field03": null,

"field02": null

},

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": null,

"cjMpId": null,

"dataDate": "2014-06-20 14:00:00",

"dataSource": null,

"writeDate": null,

"zxygz": 4.8,

"fxygz": null,

"zxwgz": null,

"fxwgz": null,

"field01": null,

"field03": null,

"field02": null

},

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": null,

"cjMpId": null,

"dataDate": "2014-06-20 15:00:00",

"dataSource": null,

"writeDate": null,

"zxygz": 6,

"fxygz": null,

"zxwgz": null,

"fxwgz": null,

"field01": null,

"field03": null,

"field02": null

},

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": null,

"cjMpId": null,

"dataDate": "2014-06-20 16:00:00",

"dataSource": null,

"writeDate": null,

"zxygz": 4.8,

"fxygz": null,

"zxwgz": null,

"fxwgz": null,

"field01": null,

"field03": null,

"field02": null

},

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": null,

"cjMpId": null,

"dataDate": "2014-06-20 17:00:00",

"dataSource": null,

"writeDate": null,

"zxygz": 4.8,

"fxygz": null,

"zxwgz": null,

"fxwgz": null,

"field01": null,

"field03": null,

"field02": null

},

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": null,

"cjMpId": null,

"dataDate": "2014-06-20 18:00:00",

"dataSource": null,

"writeDate": null,

"zxygz": 6,

"fxygz": null,

"zxwgz": null,

"fxwgz": null,

"field01": null,

"field03": null,

"field02": null

},

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": null,

"cjMpId": null,

"dataDate": "2014-06-20 19:00:00",

"dataSource": null,

"writeDate": null,

"zxygz": 6,

"fxygz": null,

"zxwgz": null,

"fxwgz": null,

"field01": null,

"field03": null,

"field02": null

},

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": null,

"cjMpId": null,

"dataDate": "2014-06-20 20:00:00",

"dataSource": null,

"writeDate": null,

"zxygz": 4.8,

"fxygz": null,

"zxwgz": null,

"fxwgz": null,

"field01": null,

"field03": null,

"field02": null

},

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": null,

"cjMpId": null,

"dataDate": "2014-06-20 21:00:00",

"dataSource": null,

"writeDate": null,

"zxygz": 6,

"fxygz": null,

"zxwgz": null,

"fxwgz": null,

"field01": null,

"field03": null,

"field02": null

},

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": null,

"cjMpId": null,

"dataDate": "2014-06-20 22:00:00",

"dataSource": null,

"writeDate": null,

"zxygz": 6,

"fxygz": null,

"zxwgz": null,

"fxwgz": null,

"field01": null,

"field03": null,

"field02": null

},

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": null,

"cjMpId": null,

"dataDate": "2014-06-20 23:00:00",

"dataSource": null,

"writeDate": null,

"zxygz": 4.8,

"fxygz": null,

"zxwgz": null,

"fxwgz": null,

"field01": null,

"field03": null,

"field02": null

}

]

}

# 首页-光伏发电情况(周)

GET

<http://ip:port/api/bigScreen/ssPhotovoltaicPowerWeek>

{

"msg": "操作成功",

"code": 0,

"data": [

{

"id": "1",

"name": "光伏",

"num": "100.00",

"tjDate": "20240512"

},

{

"id": "2",

"name": "光伏",

"num": "100.00",

"tjDate": "20240513"

},

{

"id": "3",

"name": "光伏",

"num": "100.00",

"tjDate": "20240514"

},

{

"id": "4",

"name": "光伏",

"num": "100.00",

"tjDate": "20240515"

},

{

"id": "5",

"name": "光伏",

"num": "100.00",

"tjDate": "20240516"

},

{

"id": "6",

"name": "光伏",

"num": "100.00",

"tjDate": "20240517"

},

{

"id": "7",

"name": "光伏",

"num": "100.00",

"tjDate": "20240518"

}

]

}

# 家用负荷-电量分解（日）

GET

参数 date = 2014-06-20

http://ip:port[/api/bigScreen/dlfj?date=2014-06-20](http://127.0.0.1/api/bigScreen/dlfj?date=2014-06-20)

{

"msg": "操作成功",

"code": 0,

"data": [

{

"id": 4,

"name": "家用负荷",

"num": 128.4,

"tjDate": "20140620",

"field01": "室内空调",

"field02": null,

"field03": null

}，

{

"id": 5,

"name": "家用负荷",

"num": 28.4,

"tjDate": "20140620",

"field01": "冰箱",

"field02": null,

"field03": null

}，

{

"id": 6,

"name": "家用负荷,

"num": 208.4,

"tjDate": "20140620",

"field01": "洗衣机",

"field02": null,

"field03": null

}

]

}

# 家用负荷-电量分解（月）

GET

参数 date = 2014-06

http://ip:port/api/bigScreen/dlfjMonth?date=2014-06

{

"msg": "操作成功",

"code": 0,

"data": [

{

"field01": "室内空调",

"num": "100.00"

},

{

"field01": "电视机",

"num": "100.00"

},

{

"field01": "微波炉",

"num": "100.00"

},

{

"field01": "洗衣机",

"num": "100.00"

}

]

}

# 首页 - 光储充功率监测曲线

GET

<http://ip:port/api/bigScreen/ssGvTj>

type\_code：01 光伏 02 储能 03 充电桩 06 中央空调

这里只取pz 总功率，其它字段备用。

{

"msg": "操作成功",

"code": 0,

"data": [

{

"qz": 0,

"pz": 0,

"data\_date": "2014-06-25 00:00:00",

"ua": 234.6,

"ub": 0,

"uc": 0,

"qa": 0,

"pa": 0,

"qb": 0,

"pb": 0,

"qc": 0,

"pc": 0,

"ia": 0,

"ib": 0,

"ic": 0,

"type\_code": "01"

},

{

"data\_date": "2014-06-25 00:00:00",

"type\_code": "02"

},

{

"data\_date": "2014-06-25 00:00:00",

"type\_code": "03"

},

{

"qz": 0,

"pz": 0,

"data\_date": "2014-06-25 01:00:00",

"ua": 235.9,

"ub": 0,

"uc": 0,

"qa": 0,

"pa": 0,

"qb": 0,

"pb": 0,

"qc": 0,

"pc": 0,

"ia": 0,

"ib": 0,

"ic": 0,

"type\_code": "01"

},

{

"data\_date": "2014-06-25 01:00:00",

"type\_code": "02"

},

{

"data\_date": "2014-06-25 01:00:00",

"type\_code": "03"

},

{

"qz": 0,

"pz": 0,

"data\_date": "2014-06-25 02:00:00",

"ua": 236.3,

"ub": 0,

"uc": 0,

"qa": 0,

"pa": 0,

"qb": 0,

"pb": 0,

"qc": 0,

"pc": 0,

"ia": 0,

"ib": 0,

"ic": 0,

"type\_code": "01"

},

{

"data\_date": "2014-06-25 02:00:00",

"type\_code": "02"

},

{

"data\_date": "2014-06-25 02:00:00",

"type\_code": "03"

},

{

"qz": 0,

"pz": 0,

"data\_date": "2014-06-25 03:00:00",

"ua": 236,

"ub": 0,

"uc": 0,

"qa": 0,

"pa": 0,

"qb": 0,

"pb": 0,

"qc": 0,

"pc": 0,

"ia": 0,

"ib": 0,

"ic": 0,

"type\_code": "01"

},

{

"data\_date": "2014-06-25 03:00:00",

"type\_code": "02"

},

{

"data\_date": "2014-06-25 03:00:00",

"type\_code": "03"

},

{

"qz": 0,

"pz": 0,

"data\_date": "2014-06-25 04:00:00",

"ua": 235.8,

"ub": 0,

"uc": 0,

"qa": 0,

"pa": 0,

"qb": 0,

"pb": 0,

"qc": 0,

"pc": 0,

"ia": 0,

"ib": 0,

"ic": 0,

"type\_code": "01"

},

{

"data\_date": "2014-06-25 04:00:00",

"type\_code": "02"

},

{

"data\_date": "2014-06-25 04:00:00",

"type\_code": "03"

},

{

"qz": 0,

"pz": 0,

"data\_date": "2014-06-25 05:00:00",

"ua": 236.8,

"ub": 0,

"uc": 0,

"qa": 0,

"pa": 0,

"qb": 0,

"pb": 0,

"qc": 0,

"pc": 0,

"ia": 0,

"ib": 0,

"ic": 0,

"type\_code": "01"

},

{

"data\_date": "2014-06-25 05:00:00",

"type\_code": "02"

},

{

"data\_date": "2014-06-25 05:00:00",

"type\_code": "03"

},

{

"qz": 0,

"pz": 0,

"data\_date": "2014-06-25 06:00:00",

"ua": 235.7,

"ub": 0,

"uc": 0,

"qa": 0,

"pa": 0,

"qb": 0,

"pb": 0,

"qc": 0,

"pc": 0,

"ia": 0,

"ib": 0,

"ic": 0,

"type\_code": "01"

},

{

"data\_date": "2014-06-25 06:00:00",

"type\_code": "02"

},

{

"data\_date": "2014-06-25 06:00:00",

"type\_code": "03"

},

{

"qz": 0,

"pz": 0,

"data\_date": "2014-06-25 07:00:00",

"ua": 234.4,

"ub": 0,

"uc": 0,

"qa": 0,

"pa": 0,

"qb": 0,

"pb": 0,

"qc": 0,

"pc": 0,

"ia": 0,

"ib": 0,

"ic": 0,

"type\_code": "01"

},

{

"data\_date": "2014-06-25 07:00:00",

"type\_code": "02"

},

{

"data\_date": "2014-06-25 07:00:00",

"type\_code": "03"

},

{

"qz": 0,

"pz": 0,

"data\_date": "2014-06-25 08:00:00",

"ua": 226.7,

"ub": 0,

"uc": 0,

"qa": 0,

"pa": 0,

"qb": 0,

"pb": 0,

"qc": 0,

"pc": 0,

"ia": 0,

"ib": 0,

"ic": 0,

"type\_code": "01"

},

{

"data\_date": "2014-06-25 08:00:00",

"type\_code": "02"

},

{

"data\_date": "2014-06-25 08:00:00",

"type\_code": "03"

},

{

"qz": 0,

"pz": 0,

"data\_date": "2014-06-25 09:00:00",

"ua": 227.9,

"ub": 0,

"uc": 0,

"qa": 0,

"pa": 0,

"qb": 0,

"pb": 0,

"qc": 0,

"pc": 0,

"ia": 0,

"ib": 0,

"ic": 0,

"type\_code": "01"

},

{

"data\_date": "2014-06-25 09:00:00",

"type\_code": "02"

},

{

"data\_date": "2014-06-25 09:00:00",

"type\_code": "03"

},

{

"qz": 0,

"pz": 0,

"data\_date": "2014-06-25 10:00:00",

"ua": 225.1,

"ub": 0,

"uc": 0,

"qa": 0,

"pa": 0,

"qb": 0,

"pb": 0,

"qc": 0,

"pc": 0,

"ia": 0,

"ib": 0,

"ic": 0,

"type\_code": "01"

},

{

"data\_date": "2014-06-25 10:00:00",

"type\_code": "02"

},

{

"data\_date": "2014-06-25 10:00:00",

"type\_code": "03"

},

{

"qz": 0,

"pz": 0,

"data\_date": "2014-06-25 11:00:00",

"ua": 228.4,

"ub": 0,

"uc": 0,

"qa": 0,

"pa": 0,

"qb": 0,

"pb": 0,

"qc": 0,

"pc": 0,

"ia": 0,

"ib": 0,

"ic": 0,

"type\_code": "01"

},

{

"data\_date": "2014-06-25 11:00:00",

"type\_code": "02"

},

{

"data\_date": "2014-06-25 11:00:00",

"type\_code": "03"

},

{

"data\_date": "2014-06-25 12:00:00",

"type\_code": "01"

},

{

"data\_date": "2014-06-25 12:00:00",

"type\_code": "02"

},

{

"data\_date": "2014-06-25 12:00:00",

"type\_code": "03"

},

{

"data\_date": "2014-06-25 13:00:00",

"type\_code": "01"

},

{

"data\_date": "2014-06-25 13:00:00",

"type\_code": "02"

},

{

"data\_date": "2014-06-25 13:00:00",

"type\_code": "03"

},

{

"data\_date": "2014-06-25 14:00:00",

"type\_code": "01"

},

{

"data\_date": "2014-06-25 14:00:00",

"type\_code": "02"

},

{

"data\_date": "2014-06-25 14:00:00",

"type\_code": "03"

},

{

"data\_date": "2014-06-25 15:00:00",

"type\_code": "01"

},

{

"data\_date": "2014-06-25 15:00:00",

"type\_code": "02"

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{

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# 家用负荷 - 家用负荷实时功率曲线

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虽然返回了多个参数，只用pz

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{

"field03": "洗衣机",

"data\_date": "2014-06-22 22:00:00"

},

{

"qz": -0.002,

"pz": 0.0066,

"data\_date": "2014-06-22 23:00:00",

"ua": 233,

"ub": 233.8,

"uc": 233.9,

"qa": -0.0006,

"pa": 0.0006,

"qb": -0.0014,

"pb": 0.0051,

"qc": 0,

"pc": 0.0008,

"field03": "中央空调",

"ia": 0,

"ib": 0.02,

"ic": 0

},

{

"field03": "室内空调",

"data\_date": "2014-06-22 23:00:00"

},

{

"field03": "电磁炉",

"data\_date": "2014-06-22 23:00:00"

},

{

"field03": "微波炉",

"data\_date": "2014-06-22 23:00:00"

},

{

"field03": "洗衣机",

"data\_date": "2014-06-22 23:00:00"

}

]

}

# 家用负荷 - 昨日电量统计

GET

http://ip:port/api/bigScreen/ getYesyterdayJyfhTj

{

"msg": "操作成功",

"code": 0,

"data": {

"allpz": "3854.55", 总功率

"daydl": "6.54", 日电量

"monthdl": "100.15" 总电量

}

}

# 首页 - 实时电压电流功率信息（光储充 实时数据）

GET

http://ip:port/api/bigScreen/ getAllPzUaIa

{

"msg": "操作成功",

"code": 0,

"data": [{

"type\_code": "01", 01 光伏 02 储能 03 充电桩

"pz": "2563.25", 功率

"ua": 622", 电压

"ia": "25" 电流

},

{

"type\_code": "02",

"pz": "2563.25",

"ua": 622" ,

"ia": "25"

},

{

"type\_code": "03",

"pz": "2563.25",

"ua": 622" ,

"ia": "25"

}

]

}

# 首页 - 日电量，中央空调和光储充实时数据里的当日电量

GET

http://ip:port/api/bigScreen/nowDltj

{

"msg": "操作成功",

"code": 0,

"data": [

{

"typeCode": "光伏",

"quantity": "2563.25"

},

{

"typeCode": "中央空调",

"quantity": "2563.25"

},

{

"typeCode": "储能充",

"quantity": "2563.25"

},

{

"typeCode": "储能放",

"quantity": "2563.25"

},

{

"typeCode": "充电桩",

"quantity": "2563.25"

}

]

}

# 首页 - 月电量，中央空调和光储充实时数据里的当月电量（主要是中央空调 当月耗电）

GET

http://ip:port/api/bigScreen/ selectMonthDlsyqk

{

"msg": "操作成功",

"code": 0,

"data": [

{

"name": "中央空调",

"num": "2563.25"

},

{

"name": "家用负荷总",

"num": "2563.25"

}

]

}

# 家用负荷 - 事件信息接口

GET

http://ip:port/ api/bigScreen/dayEventInfo //家用负荷事件信息接口

{

"msg": "操作成功",

"code": 0,

"data": [

"监测到冰箱、室内空调2024-05-31 17:20:00在使用",

"监测到室内空调、电视机、微波炉2024-05-31 16:00:00在使用",

"监测到室内空调、电视机、微波炉、洗衣机2024-05-31 15:30:00在使用",

"监测到室内空调2024-05-31 15:00:00在使用",

"监测到电视机、电磁炉2024-05-31 14:20:00在使用"

]

}

# 首页 - 场景切换接口

GET

<http://ip:port//api/bigScreen/selectScene?type=1>

type = 1 \2\3\4\5\ 代表场景1-5

{

"msg": "操作成功",

"code": 0,

"data": [

]

}

# 温度曲线接口

GET type 01:中央空调，02室内空调

[http://ip:port/api/bigScreen/temperatureInfo](http://ip:port//api/bigScreen/selectScene?type=1)

{

"msg": "操作成功",

"code": 0,

"data": [

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": 1,

"dataDate": "2024-05-30 12:50:30",

"snTemperature": "25",

"swTemperature": "30",

"type": "01",

"field01": null,

"field02": null

},

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": 2,

"dataDate": "2024-05-30",

"snTemperature": "21",

"swTemperature": "32",

"type": "01",

"field01": null,

"field02": null

},

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": 3,

"dataDate": "2024-05-30",

"snTemperature": "22",

"swTemperature": "32",

"type": "02",

"field01": null,

"field02": null

},

{

"createBy": null,

"createTime": null,

"updateBy": null,

"updateTime": null,

"remark": null,

"id": 4,

"dataDate": "2024-05-30",

"snTemperature": "22",

"swTemperature": "30",

"type": "02",

"field01": null,

"field02": null

}

]

}