

发电系统成本与利益智能计算分析系统 V1.0

-代码

```
1 package com.fadianxt.modules.center.controller;
2 import com.fadianxt.common.annotation.LogOperation;
3 import com.fadianxt.common.constant.Constant;
4 import com.fadianxt.common.page.PageData;
5 import com.fadianxt.common.utils.ExcelUtils;
6 import com.fadianxt.common.utils.Result;
7 import com.fadianxt.common.validator.AssertUtils;
8 import com.fadianxt.common.validator.ValidatorUtils;
9 import com.fadianxt.common.validator.group.AddGroup;
10 import com.fadianxt.common.validator.group.DefaultGroup;
11 import com.fadianxt.common.validator.group.UpdateGroup;
12 import com.fadianxt.modules.center.dto.WfdcbCostCalculationDTO;
13 import com.fadianxt.modules.center.excel.WfdcbCostCalculationExcel;
14 import com.fadianxt.modules.center.service.WfdcbCostCalculationService;
15 import io.swagger.annotations.Api;
16 import io.swagger.annotations.ApiImplicitParam;
17 import io.swagger.annotations.ApiImplicitParams;
18 import io.swagger.annotations.ApiOperation;
19 import org.apache.shiro.authz.annotation.RequiresPermissions;
20 import org.springframework.beans.factory.annotation.Autowired;
21 import org.springframework.web.bind.annotation.*;
22 import springfox.documentation.annotations.ApiIgnore;
23 import javax.servlet.http.HttpServletRequest;
24 import java.util.List;
25 import java.util.Map;
26 /**
27  * 成本计算
28  *
29  * @author fadianxt
30  */
31 @RestController
32 @RequestMapping("center/wfdcbcostcalculation")
33 @Api(tags="成本计算")
34 public class WfdcbCostCalculationController {
35     @Autowired
36     private WfdcbCostCalculationService wfdcbCostCalculationService;
37     @GetMapping("page")
38     @ApiOperation("分页")
39     @ApiImplicitParams({
40         @ApiImplicitParam(name = Constant.PAGE, value = "当前页码，从 1 开始", paramType = "query", required = true, dataType="int"),
41         @ApiImplicitParam(name = Constant.LIMIT, value = "每页显示记录数", paramType = "query", required = true, dataType="int"),
42         @ApiImplicitParam(name = Constant.ORDER_FIELD, value = "排序字段", paramType = "query", dataType="String"),
43         @ApiImplicitParam(name = Constant.ORDER, value = "排序方式，可选值(asc、desc)", paramType = "query", dataType="String")
44     })
45     @RequiresPermissions("center:wfdcbcostcalculation:page")
46     public Result<PageData<WfdcbCostCalculationDTO>> page(@ApiIgnore @RequestParam M
```

```
1  ap<String, Object> params){
2      PageData<WfdcbCostCalculationDTO> page = wfdcbCostCalculationService.page(params);
3      return new Result<PageData<WfdcbCostCalculationDTO>>().ok(page);
4  }
5  @GetMapping("{id}")
6  @ApiOperation("信息")
7  @RequiresPermissions("center:wfdcbcostcalculation:info")
8  public Result<WfdcbCostCalculationDTO> get(@PathVariable("id") Long id){
9      WfdcbCostCalculationDTO data = wfdcbCostCalculationService.get(id);
10     return new Result<WfdcbCostCalculationDTO>().ok(data);
11 }
12 @PostMapping
13 @ApiOperation("保存")
14 @LogOperation("保存")
15 @RequiresPermissions("center:wfdcbcostcalculation:save")
16 public Result save(@RequestBody WfdcbCostCalculationDTO dto){
17     ValidatorUtils.validateEntity(dto, AddGroup.class, DefaultGroup.class);
18     wfdcbCostCalculationService.save(dto);
19     return new Result();
20 }
21 @PutMapping
22 @ApiOperation("修改")
23 @LogOperation("修改")
24 @RequiresPermissions("center:wfdcbcostcalculation:update")
25 public Result update(@RequestBody WfdcbCostCalculationDTO dto){
26     ValidatorUtils.validateEntity(dto, UpdateGroup.class, DefaultGroup.class);
27     wfdcbCostCalculationService.update(dto);
28     return new Result();
29 }
30 @DeleteMapping
31 @ApiOperation("删除")
32 @LogOperation("删除")
33 @RequiresPermissions("center:wfdcbcostcalculation:delete")
34 public Result delete(@RequestBody Long[] ids){
35     AssertUtils.isArrayEmpty(ids, "id");
36     wfdcbCostCalculationService.delete(ids);
37     return new Result();
38 }
39 @GetMapping("export")
40 @ApiOperation("导出")
41 @LogOperation("导出")
42 @RequiresPermissions("center:wfdcbcostcalculation:export")
43 public void export(@ApiIgnore @RequestParam Map<String, Object> params, HttpServletResponse response) throws Exception {
44     List<WfdcbCostCalculationDTO> list = wfdcbCostCalculationService.list(params);
45     ExcelUtils.exportExcelToTarget(response, null, list, WfdcbCostCalculationExcel.class);
46 }
47 }
48 }package com.fadianxt.modules.center.controller;
49 import com.fadianxt.common.annotation.LogOperation;
50 import com.fadianxt.common.constant.Constant;
```

```
1 import com.fadianxt.common.page.PageData;
2 import com.fadianxt.common.utils.ExcelUtils;
3 import com.fadianxt.common.utils.Result;
4 import com.fadianxt.common.validator.AssertUtils;
5 import com.fadianxt.common.validator.ValidatorUtils;
6 import com.fadianxt.common.validator.group.AddGroup;
7 import com.fadianxt.common.validator.group.DefaultGroup;
8 import com.fadianxt.common.validator.group.UpdateGroup;
9 import com.fadianxt.modules.center.dto.WfdcbDataAnalysisDTO;
10 import com.fadianxt.modules.center.excel.WfdcbDataAnalysisExcel;
11 import com.fadianxt.modules.center.service.WfdcbDataAnalysisService;
12 import io.swagger.annotations.Api;
13 import io.swagger.annotations.ApiImplicitParam;
14 import io.swagger.annotations.ApiImplicitParams;
15 import io.swagger.annotations.ApiOperation;
16 import org.apache.shiro.authz.annotation.RequiresPermissions;
17 import org.springframework.beans.factory.annotation.Autowired;
18 import org.springframework.web.bind.annotation.*;
19 import springfox.documentation.annotations.ApiIgnore;
20 import javax.servlet.http.HttpServletResponse;
21 import java.util.List;
22 import java.util.Map;
23 /**
24  * 数据分析
25  *
26  * @author fadianxt
27  */
28 @RestController
29 @RequestMapping("center/wfdcbdataanalysis")
30 @Api(tags="数据分析")
31 public class WfdcbDataAnalysisController {
32     @Autowired
33     private WfdcbDataAnalysisService wfdcbDataAnalysisService;
34     @GetMapping("page")
35     @ApiOperation("分页")
36     @ApiImplicitParams({
37         @ApiImplicitParam(name = Constant.PAGE, value = "当前页码，从1开始", paramType = "query", required = true, dataType="int"),
38         @ApiImplicitParam(name = Constant.LIMIT, value = "每页显示记录数", paramType = "query", required = true, dataType="int"),
39         @ApiImplicitParam(name = Constant.ORDER_FIELD, value = "排序字段", paramType = "query", dataType="String"),
40         @ApiImplicitParam(name = Constant.ORDER, value = "排序方式，可选值(asc、desc)", paramType = "query", dataType="String")
41     })
42     @RequiresPermissions("center:wfdcbdataanalysis:page")
43     public Result<PageData<WfdcbDataAnalysisDTO>> page(@ApiIgnore @RequestParam Map<String, Object> params){
44         PageData<WfdcbDataAnalysisDTO> page = wfdcbDataAnalysisService.page(params);
45         return new Result<PageData<WfdcbDataAnalysisDTO>>().ok(page);
46     }
47 }
```

```
1    }
2    @GetMapping("{id}")
3    @ApiOperation("信息")
4    @RequiresPermissions("center:wfdcbdataanalysis:info")
5    public Result<WfdcbDataAnalysisDTO> get(@PathVariable("id") Long id){
6        WfdcbDataAnalysisDTO data = wfdcbDataAnalysisService.get(id);
7        return new Result<WfdcbDataAnalysisDTO>().ok(data);
8    }
9    @PostMapping
10   @ApiOperation("保存")
11   @LogOperation("保存")
12   @RequiresPermissions("center:wfdcbdataanalysis:save")
13   public Result save(@RequestBody WfdcbDataAnalysisDTO dto){
14       ValidatorUtils.validateEntity(dto, AddGroup.class, DefaultGroup.class);
15       wfdcbDataAnalysisService.save(dto);
16       return new Result();
17   }
18   @PutMapping
19   @ApiOperation("修改")
20   @LogOperation("修改")
21   @RequiresPermissions("center:wfdcbdataanalysis:update")
22   public Result update(@RequestBody WfdcbDataAnalysisDTO dto){
23       ValidatorUtils.validateEntity(dto, UpdateGroup.class, DefaultGroup.class);
24       wfdcbDataAnalysisService.update(dto);
25       return new Result();
26   }
27   @DeleteMapping
28   @ApiOperation("删除")
29   @LogOperation("删除")
30   @RequiresPermissions("center:wfdcbdataanalysis:delete")
31   public Result delete(@RequestBody Long[] ids){
32       AssertUtils.isArrayEmpty(ids, "id");
33       wfdcbDataAnalysisService.delete(ids);
34       return new Result();
35   }
36   @GetMapping("export")
37   @ApiOperation("导出")
38   @LogOperation("导出")
39   @RequiresPermissions("center:wfdcbdataanalysis:export")
40   public void export(@ApiIgnore @RequestParam Map<String, Object> params, HttpServletResponse response) throws Exception {
41       List<WfdcbDataAnalysisDTO> list = wfdcbDataAnalysisService.list(params);
42       ExcelUtils.exportExcelToTarget(response, null, list, WfdcbDataAnalysisExcel.class);
43   }
44   }
45   }package com.fadianxt.modules.center.controller;
46   import com.fadianxt.common.annotation.LogOperation;
47   import com.fadianxt.common.constant.Constant;
48   import com.fadianxt.common.page.PageData;
49   import com.fadianxt.common.utils.ExcelUtils;
50   import com.fadianxt.common.utils.Result;
```

```

1  import com.fadianxt.common.validator.AssertUtils;
2  import com.fadianxt.common.validator.ValidatorUtils;
3  import com.fadianxt.common.validator.group.AddGroup;
4  import com.fadianxt.common.validator.group.DefaultGroup;
5  import com.fadianxt.common.validator.group.UpdateGroup;
6  import com.fadianxt.modules.center.dto.WfdcbDataImportExportDTO;
7  import com.fadianxt.modules.center.excel.WfdcbDataImportExportExcel;
8  import com.fadianxt.modules.center.service.WfdcbDataImportExportService;
9  import io.swagger.annotations.Api;
10 import io.swagger.annotations.ApiImplicitParam;
11 import io.swagger.annotations.ApiImplicitParams;
12 import io.swagger.annotations.ApiOperation;
13 import org.apache.shiro.authz.annotation.RequiresPermissions;
14 import org.springframework.beans.factory.annotation.Autowired;
15 import org.springframework.web.bind.annotation.*;
16 import springfox.documentation.annotations.ApiIgnore;
17 import javax.servlet.http.HttpServletRequest;
18 import java.util.List;
19 import java.util.Map;
20 /**
21  * 数据导入导出
22  *
23  * @author fadianxt
24  */
25 @RestController
26 @RequestMapping("center/wfdcbdataimportexport")
27 @Api(tags="数据导入导出")
28 public class WfdcbDataImportExportController {
29     @Autowired
30     private WfdcbDataImportExportService wfdcbDataImportExportService;
31     @GetMapping("page")
32     @ApiOperation("分页")
33     @ApiImplicitParams({
34         @ApiImplicitParam(name = Constant.PAGE, value = "当前页码，从 1 开始", paramType = "query", required = true, dataType="int"),
35         @ApiImplicitParam(name = Constant.LIMIT, value = "每页显示记录数", paramType = "query", required = true, dataType="int"),
36         @ApiImplicitParam(name = Constant.ORDER_FIELD, value = "排序字段", paramType = "query", dataType="String"),
37         @ApiImplicitParam(name = Constant.ORDER, value = "排序方式，可选值(asc、desc)", paramType = "query", dataType="String")
38     })
39     @RequiresPermissions("center:wfdcbdataimportexport:page")
40     public Result<PageData<WfdcbDataImportExportDTO>> page(@ApiIgnore @RequestParam Map<String, Object> params){
41         PageData<WfdcbDataImportExportDTO> page = wfdcbDataImportExportService.page(params);
42         return new Result<PageData<WfdcbDataImportExportDTO>>().ok(page);
43     }
44     @GetMapping("{id}")

```

```
1  @ApiOperation("信息")
2  @RequiresPermissions("center:wfdcbdataimportexport:info")
3  public Result<WfdcbDataImportExportDTO> get(@PathVariable("id") Long id){
4      WfdcbDataImportExportDTO data = wfdcbDataImportExportService.get(id);
5      return new Result<WfdcbDataImportExportDTO>().ok(data);
6  }
7  @PostMapping
8  @ApiOperation("保存")
9  @LogOperation("保存")
10 @RequiresPermissions("center:wfdcbdataimportexport:save")
11 public Result save(@RequestBody WfdcbDataImportExportDTO dto){
12     ValidatorUtils.validateEntity(dto, AddGroup.class, DefaultGroup.class);
13     wfdcbDataImportExportService.save(dto);
14     return new Result();
15 }
16 @PutMapping
17 @ApiOperation("修改")
18 @LogOperation("修改")
19 @RequiresPermissions("center:wfdcbdataimportexport:update")
20 public Result update(@RequestBody WfdcbDataImportExportDTO dto){
21     ValidatorUtils.validateEntity(dto, UpdateGroup.class, DefaultGroup.class);
22     wfdcbDataImportExportService.update(dto);
23     return new Result();
24 }
25 @DeleteMapping
26 @ApiOperation("删除")
27 @LogOperation("删除")
28 @RequiresPermissions("center:wfdcbdataimportexport:delete")
29 public Result delete(@RequestBody Long[] ids){
30     AssertUtils.isArrayEmpty(ids, "id");
31     wfdcbDataImportExportService.delete(ids);
32     return new Result();
33 }
34 @GetMapping("export")
35 @ApiOperation("导出")
36 @LogOperation("导出")
37 @RequiresPermissions("center:wfdcbdataimportexport:export")
38 public void export(@ApiIgnore @RequestParam Map<String, Object> params, HttpServletResponse response) throws Exception {
39     List<WfdcbDataImportExportDTO> list = wfdcbDataImportExportService.list(params);
40     ExcelUtils.exportExcelToTarget(response, null, list, WfdcbDataImportExportExcel.class);
41 }
42 }
43 }package com.fadianxt.modules.center.controller;
44 import com.fadianxt.common.annotation.LogOperation;
45 import com.fadianxt.common.constant.Constant;
46 import com.fadianxt.common.page.PageData;
47 import com.fadianxt.common.utils.ExcelUtils;
48 import com.fadianxt.common.utils.Result;
49 import com.fadianxt.common.validator.AssertUtils;
50 import com.fadianxt.common.validator.ValidatorUtils;
```

```
1 import com.fadianxt.common.validator.group.AddGroup;
2 import com.fadianxt.common.validator.group.DefaultGroup;
3 import com.fadianxt.common.validator.group.UpdateGroup;
4 import com.fadianxt.modules.center.dto.WfdcbMultipleGenerationSupportDTO;
5 import com.fadianxt.modules.center.excel.WfdcbMultipleGenerationSupportExcel;
6 import com.fadianxt.modules.center.service.WfdcbMultipleGenerationSupportService;
7 import io.swagger.annotations.Api;
8 import io.swagger.annotations.ApiImplicitParam;
9 import io.swagger.annotations.ApiImplicitParams;
10 import io.swagger.annotations.ApiOperation;
11 import org.apache.shiro.authz.annotation.RequiresPermissions;
12 import org.springframework.beans.factory.annotation.Autowired;
13 import org.springframework.web.bind.annotation.*;
14 import springfox.documentation.annotations.ApiIgnore;
15 import javax.servlet.http.HttpServletResponse;
16 import java.util.List;
17 import java.util.Map;
18 /**
19  * 多种发电方式支持
20  *
21  * @author fadianxt
22  */
23 @RestController
24 @RequestMapping("center/wfdcbmultiplegenerationsupport")
25 @Api(tags="多种发电方式支持")
26 public class WfdcbMultipleGenerationSupportController {
27     @Autowired
28     private WfdcbMultipleGenerationSupportService wfdcbMultipleGenerationSupportService;
29     @GetMapping("page")
30     @ApiOperation("分页")
31     @ApiImplicitParams({
32         @ApiImplicitParam(name = Constant.PAGE, value = "当前页码，从1开始", paramType = "query", required = true, dataType="int"),
33         @ApiImplicitParam(name = Constant.LIMIT, value = "每页显示记录数", paramType = "query", required = true, dataType="int"),
34         @ApiImplicitParam(name = Constant.ORDER_FIELD, value = "排序字段", paramType = "query", dataType="String"),
35         @ApiImplicitParam(name = Constant.ORDER, value = "排序方式，可选值(asc、desc)", paramType = "query", dataType="String")
36     })
37     @RequiresPermissions("center:wfdcbmultiplegenerationsupport:page")
38     public Result<PageData<WfdcbMultipleGenerationSupportDTO>> page(@ApiIgnore @RequestParam Map<String, Object> params){
39         PageData<WfdcbMultipleGenerationSupportDTO> page = wfdcbMultipleGenerationSupportService.page(params);
40         return new Result<PageData<WfdcbMultipleGenerationSupportDTO>>().ok(page);
41     }
42     @GetMapping("{id}")
43     @ApiOperation("信息")
44     @RequiresPermissions("center:wfdcbmultiplegenerationsupport:info")
```



```
1 public Result<WfdcbMultipleGenerationSupportDTO> get(@PathVariable("id") Long id){
2     WfdcbMultipleGenerationSupportDTO data = wfdcbMultipleGenerationSupportService.get(i
3 d);
4     return new Result<WfdcbMultipleGenerationSupportDTO>().ok(data);
5 }
6 @PostMapping
7 @ApiOperation("保存")
8 @LogOperation("保存")
9 @RequiresPermissions("center:wfdcbmultiplegenerationsupport:save")
10 public Result save(@RequestBody WfdcbMultipleGenerationSupportDTO dto){
11     ValidatorUtils.validateEntity(dto, AddGroup.class, DefaultGroup.class);
12     wfdcbMultipleGenerationSupportService.save(dto);
13     return new Result();
14 }
15 @PutMapping
16 @ApiOperation("修改")
17 @LogOperation("修改")
18 @RequiresPermissions("center:wfdcbmultiplegenerationsupport:update")
19 public Result update(@RequestBody WfdcbMultipleGenerationSupportDTO dto){
20     ValidatorUtils.validateEntity(dto, UpdateGroup.class, DefaultGroup.class);
21     wfdcbMultipleGenerationSupportService.update(dto);
22     return new Result();
23 }
24 @DeleteMapping
25 @ApiOperation("删除")
26 @LogOperation("删除")
27 @RequiresPermissions("center:wfdcbmultiplegenerationsupport:delete")
28 public Result delete(@RequestBody Long[] ids){
29     AssertUtils.isArrayEmpty(ids, "id");
30     wfdcbMultipleGenerationSupportService.delete(ids);
31     return new Result();
32 }
33 @GetMapping("export")
34 @ApiOperation("导出")
35 @LogOperation("导出")
36 @RequiresPermissions("center:wfdcbmultiplegenerationsupport:export")
37 public void export(@ApiIgnore @RequestParam Map<String, Object> params, HttpServletRes
38 ponse response) throws Exception {
39     List<WfdcbMultipleGenerationSupportDTO> list = wfdcbMultipleGenerationSupportServic
40 e.list(params);
41     ExcelUtils.exportExcelToTarget(response, null, list, WfdcbMultipleGenerationSupportExcel.
42 class);
43 }
44 }package com.fadianxt.modules.center.controller;
45 import com.fadianxt.common.annotation.LogOperation;
46 import com.fadianxt.common.constant.Constant;
47 import com.fadianxt.common.page.PageData;
48 import com.fadianxt.common.utils.ExcelUtils;
49 import com.fadianxt.common.utils.Result;
50 import com.fadianxt.common.validator.AssertUtils;
```

```
1  import com.fadianxt.common.validator.ValidatorUtils;
2  import com.fadianxt.common.validator.group.AddGroup;
3  import com.fadianxt.common.validator.group.DefaultGroup;
4  import com.fadianxt.common.validator.group.UpdateGroup;
5  import com.fadianxt.modules.center.dto.WfdbcbPredictionModelDTO;
6  import com.fadianxt.modules.center.excel.WfdbcbPredictionModelExcel;
7  import com.fadianxt.modules.center.service.WfdbcbPredictionModelService;
8  import io.swagger.annotations.Api;
9  import io.swagger.annotations.ApiImplicitParam;
10 import io.swagger.annotations.ApiImplicitParams;
11 import io.swagger.annotations.ApiOperation;
12 import org.apache.shiro.authz.annotation.RequiresPermissions;
13 import org.springframework.beans.factory.annotation.Autowired;
14 import org.springframework.web.bind.annotation.*;
15 import springfox.documentation.annotations.ApiIgnore;
16 import javax.servlet.http.HttpServletResponse;
17 import java.util.List;
18 import java.util.Map;
19 /**
20  * 预测模型
21  *
22  * @author fadianxt
23  */
24 @RestController
25 @RequestMapping("center/wfdbcbpredictionmodel")
26 @Api(tags="预测模型")
27 public class WfdbcbPredictionModelController {
28     @Autowired
29     private WfdbcbPredictionModelService wfdbcbPredictionModelService;
30     @GetMapping("page")
31     @ApiOperation("分页")
32     @ApiImplicitParams({
33         @ApiImplicitParam(name = Constant.PAGE, value = "当前页码，从 1 开始", paramType = "query", required = true, dataType="int"),
34         @ApiImplicitParam(name = Constant.LIMIT, value = "每页显示记录数", paramType = "query", required = true, dataType="int"),
35         @ApiImplicitParam(name = Constant.ORDER_FIELD, value = "排序字段", paramType = "query", dataType="String"),
36         @ApiImplicitParam(name = Constant.ORDER, value = "排序方式，可选值(asc、desc)", paramType = "query", dataType="String")
37     })
38     @RequiresPermissions("center:wfdbcbpredictionmodel:page")
39     public Result<PageData<WfdbcbPredictionModelDTO>> page(@ApiIgnore @RequestParam Map<String, Object> params){
40         PageData<WfdbcbPredictionModelDTO> page = wfdbcbPredictionModelService.page(params);
41         return new Result<PageData<WfdbcbPredictionModelDTO>>().ok(page);
42     }
43     @GetMapping("{id}")
44     @ApiOperation("信息")
45     @RequiresPermissions("center:wfdbcbpredictionmodel:info")
```

```

1  public Result<WfdcbPredictionModelDTO> get(@PathVariable("id") Long id){
2      WfdcbPredictionModelDTO data = wfdcbPredictionModelService.get(id);
3      return new Result<WfdcbPredictionModelDTO>().ok(data);
4  }
5  @PostMapping
6  @ApiOperation("保存")
7  @LogOperation("保存")
8  @RequiresPermissions("center:wfdcbpredictionmodel:save")
9  public Result save(@RequestBody WfdcbPredictionModelDTO dto){
10     ValidatorUtils.validateEntity(dto, AddGroup.class, DefaultGroup.class);
11     wfdcbPredictionModelService.save(dto);
12     return new Result();
13 }
14 @PutMapping
15 @ApiOperation("修改")
16 @LogOperation("修改")
17 @RequiresPermissions("center:wfdcbpredictionmodel:update")
18 public Result update(@RequestBody WfdcbPredictionModelDTO dto){
19     ValidatorUtils.validateEntity(dto, UpdateGroup.class, DefaultGroup.class);
20     wfdcbPredictionModelService.update(dto);
21     return new Result();
22 }
23 @DeleteMapping
24 @ApiOperation("删除")
25 @LogOperation("删除")
26 @RequiresPermissions("center:wfdcbpredictionmodel:delete")
27 public Result delete(@RequestBody Long[] ids){
28     AssertUtils.isArrayEmpty(ids, "id");
29     wfdcbPredictionModelService.delete(ids);
30     return new Result();
31 }
32 @GetMapping("export")
33 @ApiOperation("导出")
34 @LogOperation("导出")
35 @RequiresPermissions("center:wfdcbpredictionmodel:export")
36 public void export(@ApiIgnore @RequestParam Map<String, Object> params, HttpServletResponse
37     response) throws Exception {
38     List<WfdcbPredictionModelDTO> list = wfdcbPredictionModelService.list(params);
39     ExcelUtils.exportExcelToTarget(response, null, list, WfdcbPredictionModelExcel.class);
40 }
41 }package com.fadianxt.modules.center.controller;
42 import com.fadianxt.common.annotation.LogOperation;
43 import com.fadianxt.common.constant.Constant;
44 import com.fadianxt.common.page.PageData;
45 import com.fadianxt.common.utils.ExcelUtils;
46 import com.fadianxt.common.utils.Result;
47 import com.fadianxt.common.validator.AssertUtils;
48 import com.fadianxt.common.validator.ValidatorUtils;
49 import com.fadianxt.common.validator.group.AddGroup;
50 import com.fadianxt.common.validator.group.DefaultGroup;

```

```

1  import com.fadianxt.common.validator.group.UpdateGroup;
2  import com.fadianxt.modules.center.dto.WfdcbProfitAnalysisDTO;
3  import com.fadianxt.modules.center.excel.WfdcbProfitAnalysisExcel;
4  import com.fadianxt.modules.center.service.WfdcbProfitAnalysisService;
5  import io.swagger.annotations.Api;
6  import io.swagger.annotations.ApiImplicitParam;
7  import io.swagger.annotations.ApiImplicitParams;
8  import io.swagger.annotations.ApiOperation;
9  import org.apache.shiro.authz.annotation.RequiresPermissions;
10 import org.springframework.beans.factory.annotation.Autowired;
11 import org.springframework.web.bind.annotation.*;
12 import springfox.documentation.annotations.ApiIgnore;
13 import javax.servlet.http.HttpServletResponse;
14 import java.util.List;
15 import java.util.Map;
16 /**
17  * 利益分析
18  *
19  * @author fadianxt
20  */
21 @RestController
22 @RequestMapping("center/wfdcbprofitanalysis")
23 @Api(tags="利益分析")
24 public class WfdcbProfitAnalysisController {
25     @Autowired
26     private WfdcbProfitAnalysisService wfdcbProfitAnalysisService;
27     @GetMapping("page")
28     @ApiOperation("分页")
29     @ApiImplicitParams({
30         @ApiImplicitParam(name = Constant.PAGE, value = "当前页码，从 1 开始", paramType = "query", required = true, dataType="int"),
31         @ApiImplicitParam(name = Constant.LIMIT, value = "每页显示记录数", paramType = "query", required = true, dataType="int"),
32         @ApiImplicitParam(name = Constant.ORDER_FIELD, value = "排序字段", paramType = "query", dataType="String"),
33         @ApiImplicitParam(name = Constant.ORDER, value = "排序方式，可选值(asc、desc)", paramType = "query", dataType="String")
34     })
35     @RequiresPermissions("center:wfdcbprofitanalysis:page")
36     public Result<PageData<WfdcbProfitAnalysisDTO>> page(@ApiIgnore @RequestParam Map<String, Object> params){
37         PageData<WfdcbProfitAnalysisDTO> page = wfdcbProfitAnalysisService.page(params);
38         return new Result<PageData<WfdcbProfitAnalysisDTO>>().ok(page);
39     }
40     @GetMapping("{id}")
41     @ApiOperation("信息")
42     @RequiresPermissions("center:wfdcbprofitanalysis:info")
43     public Result<WfdcbProfitAnalysisDTO> get(@PathVariable("id") Long id){
44         WfdcbProfitAnalysisDTO data = wfdcbProfitAnalysisService.get(id);
45         return new Result<WfdcbProfitAnalysisDTO>().ok(data);
46     }

```

```

1      }
2      @PostMapping
3      @ApiOperation("保存")
4      @LogOperation("保存")
5      @RequiresPermissions("center:wfdcbprofitanalysis:save")
6      public Result save(@RequestBody WfdcbProfitAnalysisDTO dto){
7          ValidatorUtils.validateEntity(dto, AddGroup.class, DefaultGroup.class);
8          wfdcbProfitAnalysisService.save(dto);
9          return new Result();
10     }
11     @PutMapping
12     @ApiOperation("修改")
13     @LogOperation("修改")
14     @RequiresPermissions("center:wfdcbprofitanalysis:update")
15     public Result update(@RequestBody WfdcbProfitAnalysisDTO dto){
16         ValidatorUtils.validateEntity(dto, UpdateGroup.class, DefaultGroup.class);
17         wfdcbProfitAnalysisService.update(dto);
18         return new Result();
19     }
20     @DeleteMapping
21     @ApiOperation("删除")
22     @LogOperation("删除")
23     @RequiresPermissions("center:wfdcbprofitanalysis:delete")
24     public Result delete(@RequestBody Long[] ids){
25         AssertUtils.isArrayEmpty(ids, "id");
26         wfdcbProfitAnalysisService.delete(ids);
27         return new Result();
28     }
29     @GetMapping("export")
30     @ApiOperation("导出")
31     @LogOperation("导出")
32     @RequiresPermissions("center:wfdcbprofitanalysis:export")
33     public void export(@ApiIgnore @RequestParam Map<String, Object> params, HttpServletResponse response) throws Exception {
34         List<WfdcbProfitAnalysisDTO> list = wfdcbProfitAnalysisService.list(params);
35         ExcelUtils.exportExcelToTarget(response, null, list, WfdcbProfitAnalysisExcel.class);
36     }
37 }
38 }package com.fadianxt.modules.center.controller;
39 import com.fadianxt.common.annotation.LogOperation;
40 import com.fadianxt.common.constant.Constant;
41 import com.fadianxt.common.page.PageData;
42 import com.fadianxt.common.utils.ExcelUtils;
43 import com.fadianxt.common.utils.Result;
44 import com.fadianxt.common.validator.AssertUtils;
45 import com.fadianxt.common.validator.ValidatorUtils;
46 import com.fadianxt.common.validator.group.AddGroup;
47 import com.fadianxt.common.validator.group.DefaultGroup;
48 import com.fadianxt.common.validator.group.UpdateGroup;
49 import com.fadianxt.modules.center.dto.WfdcbReportGenerationDTO;
50 import com.fadianxt.modules.center.excel.WfdcbReportGenerationExcel;

```

```

1  import com.fadianxt.modules.center.service.WfdcbReportGenerationService;
2  import io.swagger.annotations.Api;
3  import io.swagger.annotations.ApiImplicitParam;
4  import io.swagger.annotations.ApiImplicitParams;
5  import io.swagger.annotations.ApiOperation;
6  import org.apache.shiro.authz.annotation.RequiresPermissions;
7  import org.springframework.beans.factory.annotation.Autowired;
8  import org.springframework.web.bind.annotation.*;
9  import springfox.documentation.annotations.ApiIgnore;
10 import javax.servlet.http.HttpServletResponse;
11 import java.util.List;
12 import java.util.Map;
13 /**
14  * 报告生成
15  *
16  * @author fadianxt
17  */
18 @RestController
19 @RequestMapping("center/wfdcbreportgeneration")
20 @Api(tags="报告生成")
21 public class WfdcbReportGenerationController {
22     @Autowired
23     private WfdcbReportGenerationService wfdcbReportGenerationService;
24     @GetMapping("page")
25     @ApiOperation("分页")
26     @ApiImplicitParams({
27         @ApiImplicitParam(name = Constant.PAGE, value = "当前页码，从 1 开始", paramType = "query", required = true, dataType="int"),
28         @ApiImplicitParam(name = Constant.LIMIT, value = "每页显示记录数", paramType = "query", required = true, dataType="int"),
29         @ApiImplicitParam(name = Constant.ORDER_FIELD, value = "排序字段", paramType = "query", dataType="String"),
30         @ApiImplicitParam(name = Constant.ORDER, value = "排序方式，可选值(asc、desc)", paramType = "query", dataType="String")
31     })
32     @RequiresPermissions("center:wfdcbreportgeneration:page")
33     public Result<PageData<WfdcbReportGenerationDTO>> page(@ApiIgnore @RequestParam Map<String, Object> params){
34         PageData<WfdcbReportGenerationDTO> page = wfdcbReportGenerationService.page(params);
35         return new Result<PageData<WfdcbReportGenerationDTO>>().ok(page);
36     }
37     @GetMapping("{id}")
38     @ApiOperation("信息")
39     @RequiresPermissions("center:wfdcbreportgeneration:info")
40     public Result<WfdcbReportGenerationDTO> get(@PathVariable("id") Long id){
41         WfdcbReportGenerationDTO data = wfdcbReportGenerationService.get(id);
42         return new Result<WfdcbReportGenerationDTO>().ok(data);
43     }
44     @PostMapping

```

```

1  @ApiOperation("保存")
2  @LogOperation("保存")
3  @RequiresPermissions("center:wfdcbreportgeneration:save")
4  public Result save(@RequestBody WfdcbReportGenerationDTO dto){
5      ValidatorUtils.validateEntity(dto, AddGroup.class, DefaultGroup.class);
6      wfdcbReportGenerationService.save(dto);
7      return new Result();
8  }
9  @PutMapping
10 @ApiOperation("修改")
11 @LogOperation("修改")
12 @RequiresPermissions("center:wfdcbreportgeneration:update")
13 public Result update(@RequestBody WfdcbReportGenerationDTO dto){
14     ValidatorUtils.validateEntity(dto, UpdateGroup.class, DefaultGroup.class);
15     wfdcbReportGenerationService.update(dto);
16     return new Result();
17 }
18 @DeleteMapping
19 @ApiOperation("删除")
20 @LogOperation("删除")
21 @RequiresPermissions("center:wfdcbreportgeneration:delete")
22 public Result delete(@RequestBody Long[] ids){
23     AssertUtils.isArrayEmpty(ids, "id");
24     wfdcbReportGenerationService.delete(ids);
25     return new Result();
26 }
27 @GetMapping("export")
28 @ApiOperation("导出")
29 @LogOperation("导出")
30 @RequiresPermissions("center:wfdcbreportgeneration:export")
31 public void export(@ApiIgnore @RequestParam Map<String, Object> params, HttpServletResponse
32     response) throws Exception {
33     List<WfdcbReportGenerationDTO> list = wfdcbReportGenerationService.list(params);
34     ExcelUtils.exportExcelToTarget(response, null, list, WfdcbReportGenerationExcel.class);
35 }
36 }package com.fadianxt.modules.center.dao;
37 import com.fadianxt.common.dao.BaseDao;
38 import com.fadianxt.modules.center.entity.WfdcbCostCalculationEntity;
39 import org.apache.ibatis.annotations.Mapper;
40 /**
41  * 成本计算
42  *
43  * @author fadianxt
44  */
45 @Mapper
46 public interface WfdcbCostCalculationDao extends BaseDao<WfdcbCostCalculationEntity> {
47 }package com.fadianxt.modules.center.dao;
48 import com.fadianxt.common.dao.BaseDao;
49 import com.fadianxt.modules.center.entity.WfdcbDataAnalysisEntity;
50 import org.apache.ibatis.annotations.Mapper;

```

```
1  /**
2   * 数据分析
3   *
4   * @author fadianxt
5   */
6  @Mapper
7  public interface WfdbcbDataAnalysisDao extends BaseDao<WfdbcbDataAnalysisEntity> {
8  }package com.fadianxt.modules.center.dao;
9  import com.fadianxt.common.dao.BaseDao;
10 import com.fadianxt.modules.center.entity.WfdbcbDataImportExportEntity;
11 import org.apache.ibatis.annotations.Mapper;
12 /**
13  * 数据导入导出
14  *
15  * @author fadianxt
16  */
17 @Mapper
18 public interface WfdbcbDataImportExportDao extends BaseDao<WfdbcbDataImportExportEntity>
19 {
20 }package com.fadianxt.modules.center.dao;
21 import com.fadianxt.common.dao.BaseDao;
22 import com.fadianxt.modules.center.entity.WfdbcbMultipleGenerationSupportEntity;
23 import org.apache.ibatis.annotations.Mapper;
24 /**
25  * 多种发电方式支持
26  *
27  * @author fadianxt
28  */
29 @Mapper
30 public interface WfdbcbMultipleGenerationSupportDao extends BaseDao<WfdbcbMultipleGenerati
31 onSupportEntity> {
32 }package com.fadianxt.modules.center.dao;
33 import com.fadianxt.common.dao.BaseDao;
34 import com.fadianxt.modules.center.entity.WfdbcbPredictionModelEntity;
35 import org.apache.ibatis.annotations.Mapper;
36 /**
37  * 预测模型
38  *
39  * @author fadianxt
40  */
41 @Mapper
42 public interface WfdbcbPredictionModelDao extends BaseDao<WfdbcbPredictionModelEntity> {
43 }package com.fadianxt.modules.center.dao;
44 import com.fadianxt.common.dao.BaseDao;
45 import com.fadianxt.modules.center.entity.WfdbcbProfitAnalysisEntity;
46 import org.apache.ibatis.annotations.Mapper;
47 /**
48  * 利益分析
49  *
50  * @author fadianxt
```



```
1  */
2  @Mapper
3  public interface WfdcbProfitAnalysisDao extends BaseDao<WfdcbProfitAnalysisEntity> {
4  }package com.fadianxt.modules.center.dao;
5  import com.fadianxt.common.dao.BaseDao;
6  import com.fadianxt.modules.center.entity.WfdcbReportGenerationEntity;
7  import org.apache.ibatis.annotations.Mapper;
8  /**
9   * 报告生成
10  *
11  * @author fadianxt
12  */
13  @Mapper
14  public interface WfdcbReportGenerationDao extends BaseDao<WfdcbReportGenerationEntity> {
15  }package com.fadianxt.modules.center.dto;
16  import io.swagger.annotations.ApiModel;
17  import io.swagger.annotations.ApiModelProperty;
18  import lombok.Data;
19  import java.io.Serializable;
20  import java.util.Date;
21  import java.math.BigDecimal;
22  /**
23   * 成本计算
24   *
25   * @author fadianxt
26   */
27  @Data
28  @ApiModel(value = "成本计算")
29  public class WfdcbCostCalculationDTO implements Serializable {
30      private static final long serialVersionUID = 1L;
31      @ApiModelProperty(value = "")
32      private Long id;
33      @ApiModelProperty(value = "")
34      private BigDecimal fuelCost;
35      @ApiModelProperty(value = "")
36      private BigDecimal equipmentMaintenanceCost;
37      @ApiModelProperty(value = "")
38      private BigDecimal laborCost;
39      @ApiModelProperty(value = "")
40      private BigDecimal materialCost;
41      @ApiModelProperty(value = "")
42      private BigDecimal transportationCost;
43      @ApiModelProperty(value = "")
44      private BigDecimal otherCost;
45  }package com.fadianxt.modules.center.dto;
46  import io.swagger.annotations.ApiModel;
47  import io.swagger.annotations.ApiModelProperty;
48  import lombok.Data;
49  import java.io.Serializable;
50  import java.util.Date;
```

```
1  /**
2   * 数据分析
3   *
4   * @author fadianxt
5   */
6  @Data
7  @ApiModel(value = "数据分析")
8  public class WfdcbDataAnalysisDTO implements Serializable {
9      private static final long serialVersionUID = 1L;
10     @ApiModelProperty(value = "")
11     private Long id;
12     @ApiModelProperty(value = "")
13     private String dataMining;
14     @ApiModelProperty(value = "")
15     private String visualizationAnalysis;
16     @ApiModelProperty(value = "")
17     private String statisticalAnalysis;
18     @ApiModelProperty(value = "")
19     private String trendAnalysis;
20     @ApiModelProperty(value = "")
21     private String predictionAnalysis;
22     @ApiModelProperty(value = "")
23     private String correlationAnalysis;
24 }package com.fadianxt.modules.center.dto;
25 import io.swagger.annotations.ApiModel;
26 import io.swagger.annotations.ApiModelProperty;
27 import lombok.Data;
28 import java.io.Serializable;
29 import java.util.Date;
30 /**
31  * 数据导入导出
32  *
33  * @author fadianxt
34  */
35 @Data
36 @ApiModel(value = "数据导入导出")
37 public class WfdcbDataImportExportDTO implements Serializable {
38     private static final long serialVersionUID = 1L;
39     @ApiModelProperty(value = "")
40     private Long id;
41     @ApiModelProperty(value = "")
42     private String importData;
43     @ApiModelProperty(value = "")
44     private String exportData;
45     @ApiModelProperty(value = "")
46     private String dataFormat;
47     @ApiModelProperty(value = "")
48     private String dataValidation;
49     @ApiModelProperty(value = "")
50     private String dataCleaning;
```

```

1      @ApiModelProperty(value = "")
2      private String dataTransformation;
3  }package com.fadianxt.modules.center.dto;
4  import io.swagger.annotations.ApiModel;
5  import io.swagger.annotations.ApiModelProperty;
6  import lombok.Data;
7  import java.io.Serializable;
8  import java.util.Date;
9  import java.math.BigDecimal;
10 /**
11  * 多种发电方式支持
12  *
13  * @author fadianxt
14  */
15 @Data
16 @ApiModelProperty(value = "多种发电方式支持")
17 public class WfdcbMultipleGenerationSupportDTO implements Serializable {
18     private static final long serialVersionUID = 1L;
19     @ApiModelProperty(value = "")
20     private Long id;
21     @ApiModelProperty(value = "")
22     private BigDecimal traditionalGenerationCost;
23     @ApiModelProperty(value = "")
24     private BigDecimal renewableEnergyGenerationCost;
25     @ApiModelProperty(value = "")
26     private BigDecimal generationEfficiency;
27     @ApiModelProperty(value = "")
28     private BigDecimal carbonEmissions;
29     @ApiModelProperty(value = "")
30     private BigDecimal energyConsumption;
31     @ApiModelProperty(value = "")
32     private String environmentalImpact;
33 }package com.fadianxt.modules.center.dto;
34 import io.swagger.annotations.ApiModel;
35 import io.swagger.annotations.ApiModelProperty;
36 import lombok.Data;
37 import java.io.Serializable;
38 import java.util.Date;
39 import java.math.BigDecimal;
40 /**
41  * 预测模型
42  *
43  * @author fadianxt
44  */
45 @Data
46 @ApiModelProperty(value = "预测模型")
47 public class WfdcbPredictionModelDTO implements Serializable {
48     private static final long serialVersionUID = 1L;
49     @ApiModelProperty(value = "")
50     private Long id;

```

```

1      @ApiModelProperty(value = "")
2      private BigDecimal predictionValue;
3      @ApiModelProperty(value = "")
4      private String errorAnalysis;
5      @ApiModelProperty(value = "")
6      private String modelEvaluation;
7      @ApiModelProperty(value = "")
8      private BigDecimal predictionAccuracy;
9      @ApiModelProperty(value = "")
10     private String trendPrediction;
11     @ApiModelProperty(value = "")
12     private String timeSeriesAnalysis;
13 }package com.fadianxt.modules.center.dto;
14 import io.swagger.annotations.ApiModel;
15 import io.swagger.annotations.ApiModelProperty;
16 import lombok.Data;
17 import java.io.Serializable;
18 import java.util.Date;
19 import java.math.BigDecimal;
20 /**
21  * 利益分析
22  *
23  * @author fadianxt
24  */
25 @Data
26 @ApiModel(value = "利益分析")
27 public class WfdcbProfitAnalysisDTO implements Serializable {
28     private static final long serialVersionUID = 1L;
29     @ApiModelProperty(value = "")
30     private Long id;
31     @ApiModelProperty(value = "")
32     private BigDecimal revenue;
33     @ApiModelProperty(value = "")
34     private BigDecimal investmentReturnRate;
35     @ApiModelProperty(value = "")
36     private BigDecimal profitMargin;
37     @ApiModelProperty(value = "")
38     private BigDecimal costBenefitRatio;
39     @ApiModelProperty(value = "")
40     private BigDecimal investmentPaybackPeriod;
41     @ApiModelProperty(value = "")
42     private BigDecimal netPresentValue;
43 }package com.fadianxt.modules.center.dto;
44 import io.swagger.annotations.ApiModel;
45 import io.swagger.annotations.ApiModelProperty;
46 import lombok.Data;
47 import java.io.Serializable;
48 import java.util.Date;
49 /**
50  * 报告生成

```

```
1  *
2  * @author fadianxt
3  */
4  @Data
5  @ApiModel(value = "报告生成")
6  public class WfdcbReportGenerationDTO implements Serializable {
7      private static final long serialVersionUID = 1L;
8      @ApiModelProperty(value = "")
9      private Long id;
10     @ApiModelProperty(value = "")
11     private String reportTemplate;
12     @ApiModelProperty(value = "")
13     private String reportFormat;
14     @ApiModelProperty(value = "")
15     private String reportContent;
16     @ApiModelProperty(value = "")
17     private String reportExport;
18     @ApiModelProperty(value = "")
19     private String reportCustomization;
20     @ApiModelProperty(value = "")
21     private String reportSharing;
22 }package com.fadianxt.modules.center.entity;
23 import com.baomidou.mybatisplus.annotation.TableName;
24 import lombok.Data;
25 import java.math.BigDecimal;
26 import java.util.Date;
27 /**
28  * 成本计算
29  *
30  * @author fadianxt
31  */
32 @Data
33 @TableName("wfdcb_cost_calculation")
34 public class WfdcbCostCalculationEntity {
35     /**
36      *
37      */
38     private Long id;
39     /**
40      *
41      */
42     private BigDecimal fuelCost;
43     /**
44      *
45      */
46     private BigDecimal equipmentMaintenanceCost;
47     /**
48      *
49      */
50     private BigDecimal laborCost;
```

```
1  /**
2  *
3  */
4  private BigDecimal materialCost;
5  /**
6  *
7  */
8  private BigDecimal transportationCost;
9  /**
10 *
11 */
12 private BigDecimal otherCost;
13 }package com.fadianxt.modules.center.entity;
14 import com.baomidou.mybatisplus.annotation.TableName;
15 import lombok.Data;
16 import java.util.Date;
17 /**
18 * 数据分析
19 *
20 * @author fadianxt
21 */
22 @Data
23 @TableName("wfdcb_data_analysis")
24 public class WfdcbDataAnalysisEntity {
25 /**
26 *
27 */
28 private Long id;
29 /**
30 *
31 */
32 private String dataMining;
33 /**
34 *
35 */
36 private String visualizationAnalysis;
37 /**
38 *
39 */
40 private String statisticalAnalysis;
41 /**
42 *
43 */
44 private String trendAnalysis;
45 /**
46 *
47 */
48 private String predictionAnalysis;
49 /**
50 *
```

```
1      */
2      private String correlationAnalysis;
3  }package com.fadianxt.modules.center.entity;
4  import com.baomidou.mybatisplus.annotation.TableName;
5  import lombok.Data;
6  import java.util.Date;
7  /**
8   * 数据导入导出
9   *
10  * @author fadianxt
11  */
12  @Data
13  @TableName("wfdcb_data_import_export")
14  public class WfdcbDataImportExportEntity {
15      /**
16       *
17       */
18      private Long id;
19      /**
20       *
21       */
22      private String importData;
23      /**
24       *
25       */
26      private String exportData;
27      /**
28       *
29       */
30      private String dataFormat;
31      /**
32       *
33       */
34      private String dataValidation;
35      /**
36       *
37       */
38      private String dataCleaning;
39      /**
40       *
41       */
42      private String dataTransformation;
43  }package com.fadianxt.modules.center.entity;
44  import com.baomidou.mybatisplus.annotation.TableName;
45  import lombok.Data;
46  import java.math.BigDecimal;
47  import java.util.Date;
48  /**
49   * 多种发电方式支持
50   *
```

```

1  * @author fadianxt
2  */
3  @Data
4  @TableName("wfdcb_multiple_generation_support")
5  public class WfdcbMultipleGenerationSupportEntity {
6      /**
7       *
8       */
9      private Long id;
10     /**
11      *
12      */
13     private BigDecimal traditionalGenerationCost;
14     /**
15      *
16      */
17     private BigDecimal renewableEnergyGenerationCost;
18     /**
19      *
20      */
21     private BigDecimal generationEfficiency;
22     /**
23      *
24      */
25     private BigDecimal carbonEmissions;
26     /**
27      *
28      */
29     private BigDecimal energyConsumption;
30     /**
31      *
32      */
33     private String environmentalImpact;
34 }package com.fadianxt.modules.center.entity;
35 import com.baomidou.mybatisplus.annotation.TableName;
36 import lombok.Data;
37 import java.math.BigDecimal;
38 import java.util.Date;
39 /**
40  * 预测模型
41  *
42  * @author fadianxt
43  */
44 @Data
45 @TableName("wfdcb_prediction_model")
46 public class WfdcbPredictionModelEntity {
47     /**
48      *
49      */
50     private Long id;

```



```
1  /**
2  *
3  */
4  private BigDecimal predictionValue;
5  /**
6  *
7  */
8  private String errorAnalysis;
9  /**
10 *
11 */
12 private String modelEvaluation;
13 /**
14 *
15 */
16 private BigDecimal predictionAccuracy;
17 /**
18 *
19 */
20 private String trendPrediction;
21 /**
22 *
23 */
24 private String timeSeriesAnalysis;
25 }package com.fadianxt.modules.center.entity;
26 import com.baomidou.mybatisplus.annotation.TableName;
27 import lombok.Data;
28 import java.math.BigDecimal;
29 import java.util.Date;
30 /**
31 * 利益分析
32 *
33 * @author fadianxt
34 */
35 @Data
36 @TableName("wfdcb_profit_analysis")
37 public class WfdcbProfitAnalysisEntity {
38 /**
39 *
40 */
41 private Long id;
42 /**
43 *
44 */
45 private BigDecimal revenue;
46 /**
47 *
48 */
49 private BigDecimal investmentReturnRate;
50 /**
```

```
1      *
2      */
3      private BigDecimal profitMargin;
4      /**
5      *
6      */
7      private BigDecimal costBenefitRatio;
8      /**
9      *
10     */
11     private BigDecimal investmentPaybackPeriod;
12     /**
13     *
14     */
15     private BigDecimal netPresentValue;
16 }package com.fadianxt.modules.center.entity;
17 import com.baomidou.mybatisplus.annotation.TableName;
18 import lombok.Data;
19 import java.util.Date;
20 /**
21  * 报告生成
22  *
23  * @author fadianxt
24  */
25 @Data
26 @TableName("wfdcb_report_generation")
27 public class WfdcbReportGenerationEntity {
28     /**
29     *
30     */
31     private Long id;
32     /**
33     *
34     */
35     private String reportTemplate;
36     /**
37     *
38     */
39     private String reportFormat;
40     /**
41     *
42     */
43     private String reportContent;
44     /**
45     *
46     */
47     private String reportExport;
48     /**
49     *
50     */
```

```

1      private String reportCustomization;
2      /**
3       *
4       */
5      private String reportSharing;
6  }package com.fadianxt.modules.center.excel;
7  import cn.afterturn.easypoi.excel.annotation.Excel;
8  import lombok.Data;
9  import java.math.BigDecimal;
10 import java.util.Date;
11 /**
12  * 成本计算
13  *
14  * @author fadianxt
15  */
16 @Data
17 public class WfdcbCostCalculationExcel {
18     @Excel(name = "")
19     private Long id;
20     @Excel(name = "")
21     private BigDecimal fuelCost;
22     @Excel(name = "")
23     private BigDecimal equipmentMaintenanceCost;
24     @Excel(name = "")
25     private BigDecimal laborCost;
26     @Excel(name = "")
27     private BigDecimal materialCost;
28     @Excel(name = "")
29     private BigDecimal transportationCost;
30     @Excel(name = "")
31     private BigDecimal otherCost;
32 }package com.fadianxt.modules.center.excel;
33 import cn.afterturn.easypoi.excel.annotation.Excel;
34 import lombok.Data;
35 import java.util.Date;
36 /**
37  * 数据分析
38  *
39  * @author fadianxt
40  */
41 @Data
42 public class WfdcbDataAnalysisExcel {
43     @Excel(name = "")
44     private Long id;
45     @Excel(name = "")
46     private String dataMining;
47     @Excel(name = "")
48     private String visualizationAnalysis;
49     @Excel(name = "")
50     private String statisticalAnalysis;

```

```
1    @Excel(name = "")
2    private String trendAnalysis;
3    @Excel(name = "")
4    private String predictionAnalysis;
5    @Excel(name = "")
6    private String correlationAnalysis;
7 }package com.fadianxt.modules.center.excel;
8 import cn.afterturn.easypoi.excel.annotation.Excel;
9 import lombok.Data;
10 import java.util.Date;
11 /**
12  * 数据导入导出
13  *
14  * @author fadianxt
15  */
16 @Data
17 public class WfdcbDataImportExportExcel {
18     @Excel(name = "")
19     private Long id;
20     @Excel(name = "")
21     private String importData;
22     @Excel(name = "")
23     private String exportData;
24     @Excel(name = "")
25     private String dataFormat;
26     @Excel(name = "")
27     private String dataValidation;
28     @Excel(name = "")
29     private String dataCleaning;
30     @Excel(name = "")
31     private String dataTransformation;
32 }package com.fadianxt.modules.center.excel;
33 import cn.afterturn.easypoi.excel.annotation.Excel;
34 import lombok.Data;
35 import java.math.BigDecimal;
36 import java.util.Date;
37 /**
38  * 多种发电方式支持
39  *
40  * @author fadianxt
41  */
42 @Data
43 public class WfdcbMultipleGenerationSupportExcel {
44     @Excel(name = "")
45     private Long id;
46     @Excel(name = "")
47     private BigDecimal traditionalGenerationCost;
48     @Excel(name = "")
49     private BigDecimal renewableEnergyGenerationCost;
50     @Excel(name = "")
```

```

1    private BigDecimal generationEfficiency;
2    @Excel(name = "")
3    private BigDecimal carbonEmissions;
4    @Excel(name = "")
5    private BigDecimal energyConsumption;
6    @Excel(name = "")
7    private String environmentalImpact;
8    }package com.fadianxt.modules.center.excel;
9    import cn.afterturn.easypoi.excel.annotation.Excel;
10   import lombok.Data;
11   import java.math.BigDecimal;
12   import java.util.Date;
13   /**
14    * 预测模型
15    *
16    * @author fadianxt
17    */
18   @Data
19   public class WfdcbPredictionModelExcel {
20       @Excel(name = "")
21       private Long id;
22       @Excel(name = "")
23       private BigDecimal predictionValue;
24       @Excel(name = "")
25       private String errorAnalysis;
26       @Excel(name = "")
27       private String modelEvaluation;
28       @Excel(name = "")
29       private BigDecimal predictionAccuracy;
30       @Excel(name = "")
31       private String trendPrediction;
32       @Excel(name = "")
33       private String timeSeriesAnalysis;
34   }package com.fadianxt.modules.center.excel;
35   import cn.afterturn.easypoi.excel.annotation.Excel;
36   import lombok.Data;
37   import java.math.BigDecimal;
38   import java.util.Date;
39   /**
40    * 利益分析
41    *
42    * @author fadianxt
43    */
44   @Data
45   public class WfdcbProfitAnalysisExcel {
46       @Excel(name = "")
47       private Long id;
48       @Excel(name = "")
49       private BigDecimal revenue;
50       @Excel(name = "")

```

```

1    private BigDecimal investmentReturnRate;
2    @Excel(name = "")
3    private BigDecimal profitMargin;
4    @Excel(name = "")
5    private BigDecimal costBenefitRatio;
6    @Excel(name = "")
7    private BigDecimal investmentPaybackPeriod;
8    @Excel(name = "")
9    private BigDecimal netPresentValue;
10   }package com.fadianxt.modules.center.excel;
11   import cn.afterturn.easypoi.excel.annotation.Excel;
12   import lombok.Data;
13   import java.util.Date;
14   /**
15    * 报告生成
16    *
17    * @author fadianxt
18    */
19   @Data
20   public class WfdcbReportGenerationExcel {
21       @Excel(name = "")
22       private Long id;
23       @Excel(name = "")
24       private String reportTemplate;
25       @Excel(name = "")
26       private String reportFormat;
27       @Excel(name = "")
28       private String reportContent;
29       @Excel(name = "")
30       private String reportExport;
31       @Excel(name = "")
32       private String reportCustomization;
33       @Excel(name = "")
34       private String reportSharing;
35   }package com.fadianxt.modules.center.service.impl;
36   import com.baomidou.mybatisplus.core.conditions.query.QueryWrapper;
37   import com.fadianxt.common.service.impl.CrudServiceImpl;
38   import com.fadianxt.modules.center.dao.WfdcbCostCalculationDao;
39   import com.fadianxt.modules.center.dto.WfdcbCostCalculationDTO;
40   import com.fadianxt.modules.center.entity.WfdcbCostCalculationEntity;
41   import com.fadianxt.modules.center.service.WfdcbCostCalculationService;
42   import org.apache.commons.lang3.StringUtils;
43   import org.springframework.stereotype.Service;
44   import java.util.Map;
45   /**
46    * 成本计算
47    *
48    * @author fadianxt
49    */
50   @Service

```

```
1 public class WfdbcbCostCalculationServiceImpl extends CrudServiceImpl<WfdbcbCostCalculation
2 Dao, WfdbcbCostCalculationEntity, WfdbcbCostCalculationDTO> implements WfdbcbCostCalculati
3 onService {
4     @Override
5     public QueryWrapper<WfdbcbCostCalculationEntity> getWrapper(Map<String, Object> params)
6     {
7         String id = (String)params.get("id");
8         QueryWrapper<WfdbcbCostCalculationEntity> wrapper = new QueryWrapper<>();
9         wrapper.eq(StringUtils.isNotBlank(id), "id", id);
10        return wrapper;
11    }
12 }package com.fadianxt.modules.center.service.impl;
13 import com.baomidou.mybatisplus.core.conditions.query.QueryWrapper;
14 import com.fadianxt.common.service.impl.CrudServiceImpl;
15 import com.fadianxt.modules.center.dao.WfdbcbDataAnalysisDao;
16 import com.fadianxt.modules.center.dto.WfdbcbDataAnalysisDTO;
17 import com.fadianxt.modules.center.entity.WfdbcbDataAnalysisEntity;
18 import com.fadianxt.modules.center.service.WfdbcbDataAnalysisService;
19 import org.apache.commons.lang3.StringUtils;
20 import org.springframework.stereotype.Service;
21 import java.util.Map;
22 /**
23  * 数据分析
24  *
25  * @author fadianxt
26  */
27 @Service
28 public class WfdbcbDataAnalysisServiceImpl extends CrudServiceImpl<WfdbcbDataAnalysisDao,
29 WfdbcbDataAnalysisEntity, WfdbcbDataAnalysisDTO> implements WfdbcbDataAnalysisService {
30     @Override
31     public QueryWrapper<WfdbcbDataAnalysisEntity> getWrapper(Map<String, Object> params){
32         String id = (String)params.get("id");
33         QueryWrapper<WfdbcbDataAnalysisEntity> wrapper = new QueryWrapper<>();
34         wrapper.eq(StringUtils.isNotBlank(id), "id", id);
35         return wrapper;
36     }
37 }package com.fadianxt.modules.center.service.impl;
38 import com.baomidou.mybatisplus.core.conditions.query.QueryWrapper;
39 import com.fadianxt.common.service.impl.CrudServiceImpl;
40 import com.fadianxt.modules.center.dao.WfdbcbDataImportExportDao;
41 import com.fadianxt.modules.center.dto.WfdbcbDataImportExportDTO;
42 import com.fadianxt.modules.center.entity.WfdbcbDataImportExportEntity;
43 import com.fadianxt.modules.center.service.WfdbcbDataImportExportService;
44 import org.apache.commons.lang3.StringUtils;
45 import org.springframework.stereotype.Service;
46 import java.util.Map;
47 /**
48  * 数据导入导出
49  *
50  * @author fadianxt
```

```
1  */
2  @Service
3  public class WfdbcbDataImportExportServiceImpl extends CrudServiceImpl<WfdbcbDataImportExportDao, WfdbcbDataImportExportEntity, WfdbcbDataImportExportDTO> implements WfdbcbDataImportExportService {
4      @Override
5      public QueryWrapper<WfdbcbDataImportExportEntity> getWrapper(Map<String, Object> params){
6          String id = (String)params.get("id");
7          QueryWrapper<WfdbcbDataImportExportEntity> wrapper = new QueryWrapper<>();
8          wrapper.eq(StringUtils.isNotBlank(id), "id", id);
9          return wrapper;
10     }
11 }package com.fadianxt.modules.center.service.impl;
12 import com.baomidou.mybatisplus.core.conditions.query.QueryWrapper;
13 import com.fadianxt.common.service.impl.CrudServiceImpl;
14 import com.fadianxt.modules.center.dao.WfdbcbMultipleGenerationSupportDao;
15 import com.fadianxt.modules.center.dto.WfdbcbMultipleGenerationSupportDTO;
16 import com.fadianxt.modules.center.entity.WfdbcbMultipleGenerationSupportEntity;
17 import com.fadianxt.modules.center.service.WfdbcbMultipleGenerationSupportService;
18 import org.apache.commons.lang3.StringUtils;
19 import org.springframework.stereotype.Service;
20 import java.util.Map;
21 /**
22  * 多种发电方式支持
23  *
24  * @author fadianxt
25  */
26 @Service
27 public class WfdbcbMultipleGenerationSupportServiceImpl extends CrudServiceImpl<WfdbcbMultipleGenerationSupportDao, WfdbcbMultipleGenerationSupportEntity, WfdbcbMultipleGenerationSupportDTO> implements WfdbcbMultipleGenerationSupportService {
28     @Override
29     public QueryWrapper<WfdbcbMultipleGenerationSupportEntity> getWrapper(Map<String, Object> params){
30         String id = (String)params.get("id");
31         QueryWrapper<WfdbcbMultipleGenerationSupportEntity> wrapper = new QueryWrapper<>();
32         wrapper.eq(StringUtils.isNotBlank(id), "id", id);
33         return wrapper;
34     }
35 }package com.fadianxt.modules.center.service.impl;
36 import com.baomidou.mybatisplus.core.conditions.query.QueryWrapper;
37 import com.fadianxt.common.service.impl.CrudServiceImpl;
38 import com.fadianxt.modules.center.dao.WfdbcbPredictionModelDao;
39 import com.fadianxt.modules.center.dto.WfdbcbPredictionModelDTO;
40 import com.fadianxt.modules.center.entity.WfdbcbPredictionModelEntity;
41 import com.fadianxt.modules.center.service.WfdbcbPredictionModelService;
42 import org.apache.commons.lang3.StringUtils;
43 import org.springframework.stereotype.Service;
44 import java.util.Map;
```



```
1  /**
2   * 预测模型
3   *
4   * @author fadianxt
5   */
6  @Service
7  public class WfdcbPredictionModelServiceImpl extends CrudServiceImpl<WfdcbPredictionModelDao, WfdcbPredictionModelEntity, WfdcbPredictionModelDTO> implements WfdcbPredictionModelService {
8
9      @Override
10     public QueryWrapper<WfdcbPredictionModelEntity> getWrapper(Map<String, Object> params){
11
12         String id = (String)params.get("id");
13         QueryWrapper<WfdcbPredictionModelEntity> wrapper = new QueryWrapper<>();
14         wrapper.eq(StringUtils.isNotBlank(id), "id", id);
15         return wrapper;
16     }
17 }package com.fadianxt.modules.center.service.impl;
18 import com.baomidou.mybatisplus.core.conditions.query.QueryWrapper;
19 import com.fadianxt.common.service.impl.CrudServiceImpl;
20 import com.fadianxt.modules.center.dao.WfdcbProfitAnalysisDao;
21 import com.fadianxt.modules.center.dto.WfdcbProfitAnalysisDTO;
22 import com.fadianxt.modules.center.entity.WfdcbProfitAnalysisEntity;
23 import com.fadianxt.modules.center.service.WfdcbProfitAnalysisService;
24 import org.apache.commons.lang3.StringUtils;
25 import org.springframework.stereotype.Service;
26 import java.util.Map;
27 /**
28  * 利益分析
29  *
30  * @author fadianxt
31  */
32 @Service
33 public class WfdcbProfitAnalysisServiceImpl extends CrudServiceImpl<WfdcbProfitAnalysisDao, WfdcbProfitAnalysisEntity, WfdcbProfitAnalysisDTO> implements WfdcbProfitAnalysisService {
34
35     @Override
36     public QueryWrapper<WfdcbProfitAnalysisEntity> getWrapper(Map<String, Object> params){
37
38         String id = (String)params.get("id");
39         QueryWrapper<WfdcbProfitAnalysisEntity> wrapper = new QueryWrapper<>();
40         wrapper.eq(StringUtils.isNotBlank(id), "id", id);
41         return wrapper;
42     }
43 }package com.fadianxt.modules.center.service.impl;
44 import com.baomidou.mybatisplus.core.conditions.query.QueryWrapper;
45 import com.fadianxt.common.service.impl.CrudServiceImpl;
46 import com.fadianxt.modules.center.dao.WfdcbReportGenerationDao;
47 import com.fadianxt.modules.center.dto.WfdcbReportGenerationDTO;
48 import com.fadianxt.modules.center.entity.WfdcbReportGenerationEntity;
49 import com.fadianxt.modules.center.service.WfdcbReportGenerationService;
```

```

1  import org.apache.commons.lang3.StringUtils;
2  import org.springframework.stereotype.Service;
3  import java.util.Map;
4  /**
5   * 报告生成
6   *
7   * @author fadianxt
8   */
9  @Service
10 public class WfdcbReportGenerationServiceImpl extends CrudServiceImpl<WfdcbReportGenerationDao, WfdcbReportGenerationEntity, WfdcbReportGenerationDTO> implements WfdcbReportGenerationService {
11
12     @Override
13     public QueryWrapper<WfdcbReportGenerationEntity> getWrapper(Map<String, Object> params){
14         String id = (String)params.get("id");
15         QueryWrapper<WfdcbReportGenerationEntity> wrapper = new QueryWrapper<>();
16         wrapper.eq(StringUtils.isNotBlank(id), "id", id);
17         return wrapper;
18     }
19 }
20 package com.fadianxt.modules.center.service;
21 import com.fadianxt.common.service.CrudService;
22 import com.fadianxt.modules.center.dto.WfdcbCostCalculationDTO;
23 import com.fadianxt.modules.center.entity.WfdcbCostCalculationEntity;
24 /**
25 * 成本计算
26 *
27 * @author fadianxt
28 */
29 public interface WfdcbCostCalculationService extends CrudService<WfdcbCostCalculationEntity, WfdcbCostCalculationDTO> {
30 }
31 package com.fadianxt.modules.center.service;
32 import com.fadianxt.common.service.CrudService;
33 import com.fadianxt.modules.center.dto.WfdcbDataAnalysisDTO;
34 import com.fadianxt.modules.center.entity.WfdcbDataAnalysisEntity;
35 /**
36 * 数据分析
37 *
38 * @author fadianxt
39 */
40 public interface WfdcbDataAnalysisService extends CrudService<WfdcbDataAnalysisEntity, WfdcbDataAnalysisDTO> {
41 }
42 package com.fadianxt.modules.center.service;
43 import com.fadianxt.common.service.CrudService;
44 import com.fadianxt.modules.center.dto.WfdcbDataImportExportDTO;
45 import com.fadianxt.modules.center.entity.WfdcbDataImportExportEntity;
46 /**
47 * 数据导入导出
48 *
49 * @author fadianxt
50

```

```

1  */
2  public interface WfdbcbDataImportExportService extends CrudService<WfdbcbDataImportExportE
3  ntity, WfdbcbDataImportExportDTO> {
4  }package com.fadianxt.modules.center.service;
5  import com.fadianxt.common.service.CrudService;
6  import com.fadianxt.modules.center.dto.WfdbcbMultipleGenerationSupportDTO;
7  import com.fadianxt.modules.center.entity.WfdbcbMultipleGenerationSupportEntity;
8  /**
9   * 多种发电方式支持
10  *
11  * @author fadianxt
12  */
13  public interface WfdbcbMultipleGenerationSupportService extends CrudService<WfdbcbMultipleG
14  enerationSupportEntity, WfdbcbMultipleGenerationSupportDTO> {
15  }package com.fadianxt.modules.center.service;
16  import com.fadianxt.common.service.CrudService;
17  import com.fadianxt.modules.center.dto.WfdbcbPredictionModelDTO;
18  import com.fadianxt.modules.center.entity.WfdbcbPredictionModelEntity;
19  /**
20  * 预测模型
21  *
22  * @author fadianxt
23  */
24  public interface WfdbcbPredictionModelService extends CrudService<WfdbcbPredictionModelEntit
25  y, WfdbcbPredictionModelDTO> {
26  }package com.fadianxt.modules.center.service;
27  import com.fadianxt.common.service.CrudService;
28  import com.fadianxt.modules.center.dto.WfdbcbProfitAnalysisDTO;
29  import com.fadianxt.modules.center.entity.WfdbcbProfitAnalysisEntity;
30  /**
31  * 利益分析
32  *
33  * @author fadianxt
34  */
35  public interface WfdbcbProfitAnalysisService extends CrudService<WfdbcbProfitAnalysisEntity, W
36  fdcbProfitAnalysisDTO> {
37  }package com.fadianxt.modules.center.service;
38  import com.fadianxt.common.service.CrudService;
39  import com.fadianxt.modules.center.dto.WfdbcbReportGenerationDTO;
40  import com.fadianxt.modules.center.entity.WfdbcbReportGenerationEntity;
41  /**
42  * 报告生成
43  *
44  * @author fadianxt
45  */
46  public interface WfdbcbReportGenerationService extends CrudService<WfdbcbReportGenerationEn
47  tity, WfdbcbReportGenerationDTO> {
48  }<template>
49  <el-dialog :visible.sync="visible" :title="!dataForm.id ? $t('add') : $t('update')" :close-on-click-m
50  odal="false" :close-on-press-escape="false">

```

```

1   <el-form :model="dataForm" :rules="dataRule" ref="dataForm" @keyup.enter.native="dataFormSubmitHandle()" :label-width="$i18n.locale === 'en-US' ? '120px' : '80px'">
2     <el-form-item label="" prop="fuelCost">
3       <el-input v-model="dataForm.fuelCost" placeholder=""></el-input>
4     </el-form-item>
5     <el-form-item label="" prop="equipmentMaintenanceCost">
6       <el-input v-model="dataForm.equipmentMaintenanceCost" placeholder=""></el-input>
7     </el-form-item>
8     <el-form-item label="" prop="laborCost">
9       <el-input v-model="dataForm.laborCost" placeholder=""></el-input>
10    </el-form-item>
11    <el-form-item label="" prop="materialCost">
12      <el-input v-model="dataForm.materialCost" placeholder=""></el-input>
13    </el-form-item>
14    <el-form-item label="" prop="transportationCost">
15      <el-input v-model="dataForm.transportationCost" placeholder=""></el-input>
16    </el-form-item>
17    <el-form-item label="" prop="otherCost">
18      <el-input v-model="dataForm.otherCost" placeholder=""></el-input>
19    </el-form-item>
20  </el-form>
21  <template slot="footer">
22    <el-button @click="visible = false">{{ $t('cancel') }}</el-button>
23    <el-button type="primary" @click="dataFormSubmitHandle()">{{ $t('confirm') }}</el-button>
24  >
25  </template>
26  </el-dialog>
27  </template>
28  <script>
29    import debounce from 'lodash/debounce'
30    export default {
31      data () {
32        return {
33          visible: false,
34          dataForm: {
35            id: "",
36            fuelCost: "",
37            equipmentMaintenanceCost: "",
38            laborCost: "",
39            materialCost: "",
40            transportationCost: "",
41            otherCost: ""
42          }
43        }
44      },
45      computed: {
46        dataRule () {
47          return {
48            fuelCost: [
49              { required: true, message: this.$t('validate.required'), trigger: 'blur' }
50            ]

```

```

1      ],
2      equipmentMaintenanceCost: [
3        { required: true, message: this.$t('validate.required'), trigger: 'blur' }
4      ],
5      laborCost: [
6        { required: true, message: this.$t('validate.required'), trigger: 'blur' }
7      ],
8      materialCost: [
9        { required: true, message: this.$t('validate.required'), trigger: 'blur' }
10     ],
11     transportationCost: [
12       { required: true, message: this.$t('validate.required'), trigger: 'blur' }
13     ],
14     otherCost: [
15       { required: true, message: this.$t('validate.required'), trigger: 'blur' }
16     ]
17   }
18 }
19 },
20 methods: {
21   init () {
22     this.visible = true
23     this.$nextTick(() => {
24       this.$refs['dataForm'].resetFields()
25       if (this.dataForm.id) {
26         this.getInfo()
27       }
28     })
29   },
30   getInfo () {
31     this.$http.get(`/center/wfdcbcostcalculation/${this.dataForm.id}`).then(({ data: res }) => {
32       if (res.code !== 0) {
33         return this.$message.error(res.msg)
34       }
35       this.dataForm = {
36         ...this.dataForm,
37         ...res.data
38       }
39     }).catch(() => {})
40   },
41   dataFormSubmitHandle: debounce(function () {
42     this.$refs['dataForm'].validate((valid) => {
43       if (!valid) {
44         return false
45       }
46       this.$http[!this.dataForm.id ? 'post' : 'put']('/center/wfdcbcostcalculation/', this.dataForm).then
47     )(({ data: res }) => {
48       if (res.code !== 0) {
49         return this.$message.error(res.msg)
50       }

```

```

1      this.$message({
2        message: this.$t('prompt.success'),
3        type: 'success',
4        duration: 500,
5        onClose: () => {
6          this.visible = false
7          this.$emit('refreshDataList')
8        }
9      })
10    }).catch(() => {})
11  })
12  }, 1000, { 'leading': true, 'trailing': false })
13  }
14  }
15  </script>
16  <template>
17    <el-card shadow="never" class="aui-card--fill">
18      <div class="mod-center__wfdcbcostcalculation">
19        <el-form :inline="true" :model="dataForm" @keyup.enter.native="getDataList()">
20          <el-form-item>
21            <el-input v-model="dataForm.id" placeholder="id" clearable></el-input>
22          </el-form-item>
23          <el-form-item>
24            <el-button @click="getDataList()">{{ $t('query') }}</el-button>
25          </el-form-item>
26          <el-form-item>
27            <el-button type="info" @click="exportHandle()">{{ $t('export') }}</el-button>
28          </el-form-item>
29          <el-form-item>
30            <el-button v-if="$hasPermission('center:wfdcbcostcalculation:save')" type="primary" @cli
31 k="addOrUpdateHandle()">{{ $t('add') }}</el-button>
32          </el-form-item>
33          <el-form-item>
34            <el-button v-if="$hasPermission('center:wfdcbcostcalculation:delete')" type="danger" @cli
35 ck="deleteHandle()">{{ $t('deleteBatch') }}</el-button>
36          </el-form-item>
37        </el-form>
38        <el-table v-loading="dataListLoading" :data="dataList" border @selection-change="dataListS
39 electionChangeHandle" style="width: 100%;">
40          <el-table-column type="selection" header-align="center" align="center" width="50"></el-tab
41 le-column>
42          <el-table-column prop="id" label="" header-align="center" align="center"></el-table-column
43 >
44          <el-table-column prop="fuelCost" label="" header-align="center" align="center"></el-table-
45 column>
46          <el-table-column prop="equipmentMaintenanceCost" label="" header-align="center" align="
47 center"></el-table-column>
48          <el-table-column prop="laborCost" label="" header-align="center" align="center"></el-table
49 -column>
50          <el-table-column prop="materialCost" label="" header-align="center" align="center"></el-ta

```

```

1   ble-column>
2     <el-table-column prop="transportationCost" label="" header-align="center" align="center"><
3 /el-table-column>
4     <el-table-column prop="otherCost" label="" header-align="center" align="center"></el-table
5 -column>
6     <el-table-column :label="$t('handle')" fixed="right" header-align="center" align="center" wi
7 dth="150">
8     <template slot-scope="scope">
9       <el-button v-if="$hasPermission('center:wfdcbcostcalculation:update')" type="text" size="
10 small" @click="addOrUpdateHandle(scope.row.id)">{{ $t('update') }}</el-button>
11       <el-button v-if="$hasPermission('center:wfdcbcostcalculation:delete')" type="text" size="s
12 mall" @click="deleteHandle(scope.row.id)">{{ $t('delete') }}</el-button>
13     </template>
14   </el-table-column>
15 </el-table>
16 <el-pagination
17   :current-page="page"
18   :page-sizes="[10, 20, 50, 100]"
19   :page-size="limit"
20   :total="total"
21   layout="total, sizes, prev, pager, next, jumper"
22   @size-change="pageSizeChangeHandle"
23   @current-change="pageCurrentChangeHandle">
24 </el-pagination>
25 <!-- 弹窗, 新增 / 修改 -->
26 <add-or-update v-if="addOrUpdateVisible" ref="addOrUpdate" @refreshDataList="getDataLi
27 st"></add-or-update>
28 </div>
29 </el-card>
30 </template>
31 <script>
32 import mixinViewModule from '@./mixins/view-module'
33 import AddOrUpdate from './wfdcbcostcalculation-add-or-update'
34 export default {
35   mixins: [mixinViewModule],
36   data () {
37     return {
38       mixinViewModuleOptions: {
39         getDataListURL: '/center/wfdcbcostcalculation/page',
40         getDataListIsPage: true,
41         exportURL: '/center/wfdcbcostcalculation/export',
42         deleteURL: '/center/wfdcbcostcalculation',
43         deleteIsBatch: true
44       },
45       dataForm: {
46         id: ""
47       }
48     }
49   },
50   components: {

```

```

1   AddOrUpdate
2   }
3   }
4   </script>
5   <template>
6     <el-dialog :visible.sync="visible" :title="!dataForm.id ? $t('add') : $t('update')" :close-on-click-m
7     odal="false" :close-on-press-escape="false">
8       <el-form :model="dataForm" :rules="dataRule" ref="dataForm" @keyup.enter.native="dataFor
9       mSubmitHandle()" :label-width="$i18n.locale === 'en-US' ? '120px' : '80px'">
10        <el-form-item label="" prop="dataMining">
11          <el-input v-model="dataForm.dataMining" placeholder=""></el-input>
12        </el-form-item>
13        <el-form-item label="" prop="visualizationAnalysis">
14          <el-input v-model="dataForm.visualizationAnalysis" placeholder=""></el-input>
15        </el-form-item>
16        <el-form-item label="" prop="statisticalAnalysis">
17          <el-input v-model="dataForm.statisticalAnalysis" placeholder=""></el-input>
18        </el-form-item>
19        <el-form-item label="" prop="trendAnalysis">
20          <el-input v-model="dataForm.trendAnalysis" placeholder=""></el-input>
21        </el-form-item>
22        <el-form-item label="" prop="predictionAnalysis">
23          <el-input v-model="dataForm.predictionAnalysis" placeholder=""></el-input>
24        </el-form-item>
25        <el-form-item label="" prop="correlationAnalysis">
26          <el-input v-model="dataForm.correlationAnalysis" placeholder=""></el-input>
27        </el-form-item>
28      </el-form>
29      <template slot="footer">
30        <el-button @click="visible = false">{{ $t('cancel') }}</el-button>
31        <el-button type="primary" @click="dataFormSubmitHandle()">{{ $t('confirm') }}</el-button>
32      </template>
33    </el-dialog>
34  </template>
35  <script>
36    import debounce from 'lodash/debounce'
37    export default {
38      data () {
39        return {
40          visible: false,
41          dataForm: {
42            id: "",
43            dataMining: "",
44            visualizationAnalysis: "",
45            statisticalAnalysis: "",
46            trendAnalysis: "",
47            predictionAnalysis: "",
48            correlationAnalysis: ""
49          }
50        }

```



```

1      }
2    },
3    computed: {
4      dataRule () {
5        return {
6          dataMining: [
7            { required: true, message: this.$t('validate.required'), trigger: 'blur' }
8          ],
9          visualizationAnalysis: [
10           { required: true, message: this.$t('validate.required'), trigger: 'blur' }
11         ],
12         statisticalAnalysis: [
13           { required: true, message: this.$t('validate.required'), trigger: 'blur' }
14         ],
15         trendAnalysis: [
16           { required: true, message: this.$t('validate.required'), trigger: 'blur' }
17         ],
18         predictionAnalysis: [
19           { required: true, message: this.$t('validate.required'), trigger: 'blur' }
20         ],
21         correlationAnalysis: [
22           { required: true, message: this.$t('validate.required'), trigger: 'blur' }
23         ]
24       }
25     },
26   },
27   methods: {
28     init () {
29       this.visible = true
30       this.$nextTick(() => {
31         this.$refs['dataForm'].resetFields()
32         if (this.dataForm.id) {
33           this.getInfo()
34         }
35       })
36     },
37     getInfo () {
38       this.$http.get(`/center/wfdbdataanalysis/${this.dataForm.id}`).then(({ data: res }) => {
39         if (res.code !== 0) {
40           return this.$message.error(res.msg)
41         }
42         this.dataForm = {
43           ...this.dataForm,
44           ...res.data
45         }
46       }).catch(() => {})
47     },
48     dataFormSubmitHandle: debounce(function () {
49       this.$refs['dataForm'].validate((valid) => {
50         if (!valid) {

```

```

1      return false
2    }
3    this.$http[!this.dataForm.id ? 'post' : 'put']('/center/wfdbdataanalysis/', this.dataForm).then(({
4    data: res }) => {
5      if (res.code !== 0) {
6        return this.$message.error(res.msg)
7      }
8      this.$message({
9        message: this.$t('prompt.success'),
10       type: 'success',
11       duration: 500,
12       onClose: () => {
13         this.visible = false
14         this.$emit('refreshDataList')
15       }
16     })
17   }).catch(() => {})
18 })
19 }, 1000, { 'leading': true, 'trailing': false })
20 }
21 }
22 </script>
23 <template>
24   <el-card shadow="never" class="aui-card--fill">
25     <div class="mod-center__wfdbdataanalysis">
26       <el-form :inline="true" :model="dataForm" @keyup.enter.native="getDataList()">
27         <el-form-item>
28           <el-input v-model="dataForm.id" placeholder="id" clearable></el-input>
29         </el-form-item>
30         <el-form-item>
31           <el-button @click="getDataList()">{{ $t('query') }}</el-button>
32         </el-form-item>
33         <el-form-item>
34           <el-button type="info" @click="exportHandle()">{{ $t('export') }}</el-button>
35         </el-form-item>
36         <el-form-item>
37           <el-button v-if="$hasPermission('center:wfdbdataanalysis:save')" type="primary" @click=
38 "addOrUpdateHandle()">{{ $t('add') }}</el-button>
39         </el-form-item>
40         <el-form-item>
41           <el-button v-if="$hasPermission('center:wfdbdataanalysis:delete')" type="danger" @click=
42 "deleteHandle()">{{ $t('deleteBatch') }}</el-button>
43         </el-form-item>
44       </el-form>
45       <el-table v-loading="dataListLoading" :data="dataList" border @selection-change="dataListS
46 electionChangeHandle" style="width: 100%;">
47         <el-table-column type="selection" header-align="center" align="center" width="50"></el-tab
48 le-column>
49         <el-table-column prop="id" label="" header-align="center" align="center"></el-table-column
50 >

```

```

1      <el-table-column prop="dataMining" label="" header-align="center" align="center"></el-tab
2 le-column>
3      <el-table-column prop="visualizationAnalysis" label="" header-align="center" align="center
4 "></el-table-column>
5      <el-table-column prop="statisticalAnalysis" label="" header-align="center" align="center"><
6 /el-table-column>
7      <el-table-column prop="trendAnalysis" label="" header-align="center" align="center"></el-t
8 able-column>
9      <el-table-column prop="predictionAnalysis" label="" header-align="center" align="center">
10 </el-table-column>
11      <el-table-column prop="correlationAnalysis" label="" header-align="center" align="center">
12 </el-table-column>
13      <el-table-column :label="$t('handle')" fixed="right" header-align="center" align="center" wi
14 dth="150">
15      <template slot-scope="scope">
16          <el-button v-if="$hasPermission('center:wfdcbdataanalysis:update')" type="text" size="sm
17 all" @click="addOrUpdateHandle(scope.row.id)">{{ $t('update') }}</el-button>
18          <el-button v-if="$hasPermission('center:wfdcbdataanalysis:delete')" type="text" size="sma
19 ll" @click="deleteHandle(scope.row.id)">{{ $t('delete') }}</el-button>
20      </template>
21      </el-table-column>
22      </el-table>
23      <el-pagination
24 :current-page="page"
25 :page-sizes="[10, 20, 50, 100]"
26 :page-size="limit"
27 :total="total"
28 layout="total, sizes, prev, pager, next, jumper"
29 @size-change="pageSizeChangeHandle"
30 @current-change="pageCurrentChangeHandle">
31 </el-pagination>
32 <!-- 弹窗, 新增 / 修改 -->
33      <add-or-update v-if="addOrUpdateVisible" ref="addOrUpdate" @refreshDataList="getDataLi
34 st"></add-or-update>
35      </div>
36      </el-card>
37 </template>
38 <script>
39 import mixinViewModule from '@./mixins/view-module'
40 import AddOrUpdate from './wfdcbdataanalysis-add-or-update'
41 export default {
42   mixins: [mixinViewModule],
43   data () {
44     return {
45       mixinViewModuleOptions: {
46         getDataListURL: '/center/wfdcbdataanalysis/page',
47         getDataListIsPage: true,
48         exportURL: '/center/wfdcbdataanalysis/export',
49         deleteURL: '/center/wfdcbdataanalysis',
50         deleteIsBatch: true

```

```

1      },
2      dataForm: {
3        id: "
4      }
5    }
6  },
7  components: {
8    AddOrUpdate
9  }
10 }
11 </script>
12 <template>
13   <el-dialog :visible.sync="visible" :title="!dataForm.id ? $t('add') : $t('update')" :close-on-click-m
14   odal="false" :close-on-press-escape="false">
15     <el-form :model="dataForm" :rules="dataRule" ref="dataForm" @keyup.enter.native="dataFor
16     mSubmitHandle()" :label-width="$18n.locale === 'en-US' ? '120px' : '80px">
17       <el-form-item label="" prop="importData">
18         <el-input v-model="dataForm.importData" placeholder=""></el-input>
19       </el-form-item>
20       <el-form-item label="" prop="exportData">
21         <el-input v-model="dataForm.exportData" placeholder=""></el-input>
22       </el-form-item>
23       <el-form-item label="" prop="dataFormat">
24         <el-input v-model="dataForm.dataFormat" placeholder=""></el-input>
25       </el-form-item>
26       <el-form-item label="" prop="dataValidation">
27         <el-input v-model="dataForm.dataValidation" placeholder=""></el-input>
28       </el-form-item>
29       <el-form-item label="" prop="dataCleaning">
30         <el-input v-model="dataForm.dataCleaning" placeholder=""></el-input>
31       </el-form-item>
32       <el-form-item label="" prop="dataTransformation">
33         <el-input v-model="dataForm.dataTransformation" placeholder=""></el-input>
34       </el-form-item>
35     </el-form>
36     <template slot="footer">
37       <el-button @click="visible = false">{{ $t('cancel') }}</el-button>
38       <el-button type="primary" @click="dataFormSubmitHandle()">{{ $t('confirm') }}</el-button>
39     >
40   </template>
41 </el-dialog>
42 </template>
43 <script>
44 import debounce from 'lodash/debounce'
45 export default {
46   data () {
47     return {
48       visible: false,
49       dataForm: {
50         id: "",

```

```

1      importData: ",
2      exportData: ",
3      dataFormat: ",
4      dataValidation: ",
5      dataCleaning: ",
6      dataTransformation: "
7    }
8  }
9  },
10 computed: {
11   dataRule () {
12     return {
13       importData: [
14         { required: true, message: this.$t('validate.required'), trigger: 'blur' }
15       ],
16       exportData: [
17         { required: true, message: this.$t('validate.required'), trigger: 'blur' }
18       ],
19       dataFormat: [
20         { required: true, message: this.$t('validate.required'), trigger: 'blur' }
21       ],
22       dataValidation: [
23         { required: true, message: this.$t('validate.required'), trigger: 'blur' }
24       ],
25       dataCleaning: [
26         { required: true, message: this.$t('validate.required'), trigger: 'blur' }
27       ],
28       dataTransformation: [
29         { required: true, message: this.$t('validate.required'), trigger: 'blur' }
30       ]
31     }
32   }
33 },
34 methods: {
35   init () {
36     this.visible = true
37     this.$nextTick(() => {
38       this.$refs['dataForm'].resetFields()
39       if (this.dataForm.id) {
40         this.getInfo()
41       }
42     })
43   },
44   getInfo () {
45     this.$http.get(`/center/wfdcbdataimportexport/${this.dataForm.id}`).then(({ data: res }) => {
46       if (res.code !== 0) {
47         return this.$message.error(res.msg)
48       }
49       this.dataForm = {
50         ...this.dataForm,

```

```

1      ...res.data
2      }
3    }).catch(() => {})
4  },
5  dataFormSubmitHandle: debounce(function () {
6    this.$refs['dataForm'].validate((valid) => {
7      if (!valid) {
8        return false
9      }
10     this.$http[!this.dataForm.id ? 'post' : 'put']('/center/wfdbcbdataimportexport/', this.dataForm).th
11 en(({ data: res }) => {
12     if (res.code !== 0) {
13       return this.$message.error(res.msg)
14     }
15     this.$message({
16       message: this.$t('prompt.success'),
17       type: 'success',
18       duration: 500,
19       onClose: () => {
20         this.visible = false
21         this.$emit('refreshDataList')
22       }
23     })
24   }).catch(() => {})
25 })
26   }, 1000, { 'leading': true, 'trailing': false })
27 }
28 }
29 </script>
30 <template>
31   <el-card shadow="never" class="aui-card--fill">
32     <div class="mod-center__wfdbcbdataimportexport">
33       <el-form :inline="true" :model="dataForm" @keyup.enter.native="getDataList()">
34         <el-form-item>
35           <el-input v-model="dataForm.id" placeholder="id" clearable></el-input>
36         </el-form-item>
37         <el-form-item>
38           <el-button @click="getDataList()">{{ $t('query') }}</el-button>
39         </el-form-item>
40         <el-form-item>
41           <el-button type="info" @click="exportHandle()">{{ $t('export') }}</el-button>
42         </el-form-item>
43         <el-form-item>
44           <el-button v-if="$hasPermission('center:wfdbcbdataimportexport:save')" type="primary" @c
45 lick="addOrUpdateHandle()">{{ $t('add') }}</el-button>
46         </el-form-item>
47         <el-form-item>
48           <el-button v-if="$hasPermission('center:wfdbcbdataimportexport:delete')" type="danger" @c
49 lick="deleteHandle()">{{ $t('deleteBatch') }}</el-button>
50         </el-form-item>

```

```

1      </el-form>
2      <el-table v-loading="dataListLoading" :data="dataList" border @selection-change="dataListS
3      electionChangeHandle" style="width: 100%;">
4          <el-table-column type="selection" header-align="center" align="center" width="50"></el-tab
5      le-column>
6          <el-table-column prop="id" label="" header-align="center" align="center"></el-table-column
7      >
8          <el-table-column prop="importData" label="" header-align="center" align="center"></el-tabl
9      e-column>
10         <el-table-column prop="exportData" label="" header-align="center" align="center"></el-tabl
11     e-column>
12         <el-table-column prop="dataFormat" label="" header-align="center" align="center"></el-tabl
13     e-column>
14         <el-table-column prop="dataValidation" label="" header-align="center" align="center"></el-t
15     able-column>
16         <el-table-column prop="dataCleaning" label="" header-align="center" align="center"></el-ta
17     ble-column>
18         <el-table-column prop="dataTransformation" label="" header-align="center" align="center">
19     </el-table-column>
20         <el-table-column :label="$t('handle')" fixed="right" header-align="center" align="center" wi
21     dth="150">
22             <template slot-scope="scope">
23                 <el-button v-if="$hasPermission('center:wfdcbdataimportexport:update')" type="text" size
24     ="small" @click="addOrUpdateHandle(scope.row.id)">{{ $t('update') }}</el-button>
25                 <el-button v-if="$hasPermission('center:wfdcbdataimportexport:delete')" type="text" size=
26     "small" @click="deleteHandle(scope.row.id)">{{ $t('delete') }}</el-button>
27             </template>
28         </el-table-column>
29     </el-table>
30     <el-pagination
31         :current-page="page"
32         :page-sizes="[10, 20, 50, 100]"
33         :page-size="limit"
34         :total="total"
35         layout="total, sizes, prev, pager, next, jumper"
36         @size-change="pageSizeChangeHandle"
37         @current-change="pageCurrentChangeHandle">
38     </el-pagination>
39     <!-- 弹窗, 新增 / 修改 -->
40     <add-or-update v-if="addOrUpdateVisible" ref="addOrUpdate" @refreshDataList="getDataLi
41     st"></add-or-update>
42     </div>
43 </el-card>
44 </template>
45 <script>
46 import mixinViewModule from '@./mixins/view-module'
47 import AddOrUpdate from './wfdcbdataimportexport-add-or-update'
48 export default {
49     mixins: [mixinViewModule],
50     data () {

```

```

1    return {
2      mixinViewModuleOptions: {
3        getDataListURL: '/center/wfdcbdataimportexport/page',
4        getDataListIsPage: true,
5        exportURL: '/center/wfdcbdataimportexport/export',
6        deleteURL: '/center/wfdcbdataimportexport',
7        deleteIsBatch: true
8      },
9      dataForm: {
10        id: "
11      }
12    }
13  },
14  components: {
15    AddOrUpdate
16  }
17 }
18 </script>
19 <template>
20   <el-dialog :visible.sync="visible" :title="!dataForm.id ? $t('add') : $t('update')" :close-on-click-m
21   odal="false" :close-on-press-escape="false">
22     <el-form :model="dataForm" :rules="dataRule" ref="dataForm" @keyup.enter.native="dataFor
23     mSubmitHandle()" :label-width="$18n.locale === 'en-US' ? '120px' : '80px'">
24       <el-form-item label="" prop="traditionalGenerationCost">
25         <el-input v-model="dataForm.traditionalGenerationCost" placeholder=""></el-input>
26       </el-form-item>
27       <el-form-item label="" prop="renewableEnergyGenerationCost">
28         <el-input v-model="dataForm.renewableEnergyGenerationCost" placeholder=""></el-input
29   >
30     </el-form-item>
31     <el-form-item label="" prop="generationEfficiency">
32       <el-input v-model="dataForm.generationEfficiency" placeholder=""></el-input>
33     </el-form-item>
34     <el-form-item label="" prop="carbonEmissions">
35       <el-input v-model="dataForm.carbonEmissions" placeholder=""></el-input>
36     </el-form-item>
37     <el-form-item label="" prop="energyConsumption">
38       <el-input v-model="dataForm.energyConsumption" placeholder=""></el-input>
39     </el-form-item>
40     <el-form-item label="" prop="environmentalImpact">
41       <el-input v-model="dataForm.environmentalImpact" placeholder=""></el-input>
42     </el-form-item>
43   </el-form>
44   <template slot="footer">
45     <el-button @click="visible = false">{{ $t('cancel') }}</el-button>
46     <el-button type="primary" @click="dataFormSubmitHandle()">{{ $t('confirm') }}</el-button>
47   >
48   </template>
49 </el-dialog>
50 </template>

```



```
1 <script>
2 import debounce from 'lodash/debounce'
3 export default {
4   data () {
5     return {
6       visible: false,
7       dataForm: {
8         id: "",
9         traditionalGenerationCost: "",
10        renewableEnergyGenerationCost: "",
11        generationEfficiency: "",
12        carbonEmissions: "",
13        energyConsumption: "",
14        environmentalImpact: ""
15      }
16    }
17  },
18  computed: {
19    dataRule () {
20      return {
21        traditionalGenerationCost: [
22          { required: true, message: this.$t('validate.required'), trigger: 'blur' }
23        ],
24        renewableEnergyGenerationCost: [
25          { required: true, message: this.$t('validate.required'), trigger: 'blur' }
26        ],
27        generationEfficiency: [
28          { required: true, message: this.$t('validate.required'), trigger: 'blur' }
29        ],
30        carbonEmissions: [
31          { required: true, message: this.$t('validate.required'), trigger: 'blur' }
32        ],
33        energyConsumption: [
34          { required: true, message: this.$t('validate.required'), trigger: 'blur' }
35        ],
36        environmentalImpact: [
37          { required: true, message: this.$t('validate.required'), trigger: 'blur' }
38        ]
39      }
40    }
41  },
42  methods: {
43    init () {
44      this.visible = true
45      this.$nextTick(() => {
46        this.$refs['dataForm'].resetFields()
47        if (this.dataForm.id) {
48          this.getInfo()
49        }
50      })
51    }
52  }
53 }
```

```

1      },
2      getInfo () {
3          this.$http.get(`/center/wfdcbmultiplegenerationsupport/${this.dataForm.id}`).then(({ data: res }
4      ) => {
5          if (res.code !== 0) {
6              return this.$message.error(res.msg)
7          }
8          this.dataForm = {
9              ...this.dataForm,
10             ...res.data
11         }
12     }).catch(() => {})
13 },
14 dataFormSubmitHandle: debounce(function () {
15     this.$refs['dataForm'].validate((valid) => {
16         if (!valid) {
17             return false
18         }
19         this.$http[!this.dataForm.id ? 'post' : 'put'](`/center/wfdcbmultiplegenerationsupport/`, this.data
20 Form).then(({ data: res }) => {
21         if (res.code !== 0) {
22             return this.$message.error(res.msg)
23         }
24         this.$message({
25             message: this.$t('prompt.success'),
26             type: 'success',
27             duration: 500,
28             onClose: () => {
29                 this.visible = false
30                 this.$emit('refreshDataList')
31             }
32         })
33     }).catch(() => {})
34 })
35 }, 1000, { 'leading': true, 'trailing': false })
36 }
37 }
38 </script>
39 <template>
40     <el-card shadow="never" class="aui-card--fill">
41         <div class="mod-center__wfdcbmultiplegenerationsupport">
42             <el-form :inline="true" :model="dataForm" @keyup.enter.native="getDataList()">
43                 <el-form-item>
44                     <el-input v-model="dataForm.id" placeholder="id" clearable></el-input>
45                 </el-form-item>
46                 <el-form-item>
47                     <el-button @click="getDataList()">{{ $t('query') }}</el-button>
48                 </el-form-item>
49                 <el-form-item>
50                     <el-button type="info" @click="exportHandle()">{{ $t('export') }}</el-button>

```

```

1      </el-form-item>
2      <el-form-item>
3          <el-button v-if="$hasPermission('center:wfdcbmultiplegenerationsupport:save')" type="pri
4 mary" @click="addOrUpdateHandle()">{{ $t('add') }}</el-button>
5      </el-form-item>
6      <el-form-item>
7          <el-button v-if="$hasPermission('center:wfdcbmultiplegenerationsupport:delete')" type="da
8 nger" @click="deleteHandle()">{{ $t('deleteBatch') }}</el-button>
9      </el-form-item>
10     </el-form>
11     <el-table v-loading="dataListLoading" :data="dataList" border @selection-change="dataListS
12 electionChangeHandle" style="width: 100%;">
13         <el-table-column type="selection" header-align="center" align="center" width="50"></el-tab
14 le-column>
15         <el-table-column prop="id" label="" header-align="center" align="center"></el-table-column
16 >
17         <el-table-column prop="traditionalGenerationCost" label="" header-align="center" align="ce
18 nter"></el-table-column>
19         <el-table-column prop="renewableEnergyGenerationCost" label="" header-align="center" ali
20 gn="center"></el-table-column>
21         <el-table-column prop="generationEfficiency" label="" header-align="center" align="center"
22 ></el-table-column>
23         <el-table-column prop="carbonEmissions" label="" header-align="center" align="center"></
24 el-table-column>
25         <el-table-column prop="energyConsumption" label="" header-align="center" align="center"
26 ></el-table-column>
27         <el-table-column prop="environmentalImpact" label="" header-align="center" align="center"
28 "></el-table-column>
29         <el-table-column :label="$t('handle')" fixed="right" header-align="center" align="center" wi
30 dth="150">
31             <template slot-scope="scope">
32                 <el-button v-if="$hasPermission('center:wfdcbmultiplegenerationsupport:update')" type="t
33 ext" size="small" @click="addOrUpdateHandle(scope.row.id)">{{ $t('update') }}</el-button>
34                 <el-button v-if="$hasPermission('center:wfdcbmultiplegenerationsupport:delete')" type="t
35 ext" size="small" @click="deleteHandle(scope.row.id)">{{ $t('delete') }}</el-button>
36             </template>
37         </el-table-column>
38     </el-table>
39     <el-pagination
40         :current-page="page"
41         :page-sizes="[10, 20, 50, 100]"
42         :page-size="limit"
43         :total="total"
44         layout="total, sizes, prev, pager, next, jumper"
45         @size-change="pageSizeChangeHandle"
46         @current-change="pageCurrentChangeHandle">
47     </el-pagination>
48     <!-- 弹窗, 新增 / 修改 -->
49     <add-or-update v-if="addOrUpdateVisible" ref="addOrUpdate" @refreshDataList="getDataLi
50 st"></add-or-update>

```

```

1     </div>
2     </el-card>
3 </template>
4 <script>
5 import mixinViewModule from '@mixins/view-module'
6 import AddOrUpdate from './wfdcbmultiplegenerationsupport-add-or-update'
7 export default {
8   mixins: [mixinViewModule],
9   data () {
10    return {
11      mixinViewModuleOptions: {
12        getDataListURL: '/center/wfdcbmultiplegenerationsupport/page',
13        getDataListIsPage: true,
14        exportURL: '/center/wfdcbmultiplegenerationsupport/export',
15        deleteURL: '/center/wfdcbmultiplegenerationsupport',
16        deleteIsBatch: true
17      },
18      dataForm: {
19        id: ''
20      }
21    }
22  },
23  components: {
24    AddOrUpdate
25  }
26 }
27 </script>
28 <template>
29   <el-dialog :visible.sync="visible" :title="!dataForm.id ? $t('add') : $t('update')" :close-on-click-m
30   odal="false" :close-on-press-escape="false">
31     <el-form :model="dataForm" :rules="dataRule" ref="dataForm" @keyup.enter.native="dataFor
32     mSubmitHandle()" :label-width="$i18n.locale === 'en-US' ? '120px' : '80px'">
33       <el-form-item label="" prop="predictionValue">
34         <el-input v-model="dataForm.predictionValue" placeholder=""></el-input>
35       </el-form-item>
36       <el-form-item label="" prop="errorAnalysis">
37         <el-input v-model="dataForm.errorAnalysis" placeholder=""></el-input>
38       </el-form-item>
39       <el-form-item label="" prop="modelEvaluation">
40         <el-input v-model="dataForm.modelEvaluation" placeholder=""></el-input>
41       </el-form-item>
42       <el-form-item label="" prop="predictionAccuracy">
43         <el-input v-model="dataForm.predictionAccuracy" placeholder=""></el-input>
44       </el-form-item>
45       <el-form-item label="" prop="trendPrediction">
46         <el-input v-model="dataForm.trendPrediction" placeholder=""></el-input>
47       </el-form-item>
48       <el-form-item label="" prop="timeSeriesAnalysis">
49         <el-input v-model="dataForm.timeSeriesAnalysis" placeholder=""></el-input>
50     </el-form-item>

```

```
1     </el-form>
2     <template slot="footer">
3       <el-button @click="visible = false">{{ $t('cancel') }}</el-button>
4       <el-button type="primary" @click="dataFormSubmitHandle()">{{ $t('confirm') }}</el-button>
5     >
6     </template>
7   </el-dialog>
8 </template>
9 <script>
10 import debounce from 'lodash/debounce'
11 export default {
12   data () {
13     return {
14       visible: false,
15       dataForm: {
16         id: "",
17         predictionValue: "",
18         errorAnalysis: "",
19         modelEvaluation: "",
20         predictionAccuracy: "",
21         trendPrediction: "",
22         timeSeriesAnalysis: ""
23       }
24     }
25   },
26   computed: {
27     dataRule () {
28       return {
29         predictionValue: [
30           { required: true, message: this.$t('validate.required'), trigger: 'blur' }
31         ],
32         errorAnalysis: [
33           { required: true, message: this.$t('validate.required'), trigger: 'blur' }
34         ],
35         modelEvaluation: [
36           { required: true, message: this.$t('validate.required'), trigger: 'blur' }
37         ],
38         predictionAccuracy: [
39           { required: true, message: this.$t('validate.required'), trigger: 'blur' }
40         ],
41         trendPrediction: [
42           { required: true, message: this.$t('validate.required'), trigger: 'blur' }
43         ],
44         timeSeriesAnalysis: [
45           { required: true, message: this.$t('validate.required'), trigger: 'blur' }
46         ]
47       }
48     }
49   },
50   methods: {
```

```

1    init () {
2      this.visible = true
3      this.$nextTick(() => {
4        this.$refs['dataForm'].resetFields()
5        if (this.dataForm.id) {
6          this.getInfo()
7        }
8      })
9    },
10   getInfo () {
11     this.$http.get(`/center/wfdcbpredictionmodel/${this.dataForm.id}`).then(({ data: res }) => {
12       if (res.code !== 0) {
13         return this.$message.error(res.msg)
14       }
15       this.dataForm = {
16         ...this.dataForm,
17         ...res.data
18       }
19     }).catch(() => {})
20   },
21   dataFormSubmitHandle: debounce(function () {
22     this.$refs['dataForm'].validate((valid) => {
23       if (!valid) {
24         return false
25       }
26       this.$http[!this.dataForm.id ? 'post' : 'put']('/center/wfdcbpredictionmodel/', this.dataForm).then(
27         ({ data: res }) => {
28           if (res.code !== 0) {
29             return this.$message.error(res.msg)
30           }
31           this.$message({
32             message: this.$t('prompt.success'),
33             type: 'success',
34             duration: 500,
35             onClose: () => {
36               this.visible = false
37               this.$emit('refreshDataList')
38             }
39           })
40         }).catch(() => {})
41       })
42     }, 1000, { 'leading': true, 'trailing': false })
43   }
44 }
45 </script>
46 <template>
47   <el-card shadow="never" class="aui-card--fill">
48     <div class="mod-center__wfdcbpredictionmodel">
49       <el-form :inline="true" :model="dataForm" @keyup.enter.native="getDataList()">
50         <el-form-item>

```

```

1      <el-input v-model="dataForm.id" placeholder="id" clearable></el-input>
2      </el-form-item>
3      <el-form-item>
4          <el-button @click="getDataList()">{{ $t('query') }}</el-button>
5      </el-form-item>
6      <el-form-item>
7          <el-button type="info" @click="exportHandle()">{{ $t('export') }}</el-button>
8      </el-form-item>
9      <el-form-item>
10         <el-button v-if="$hasPermission('center:wfdcbpredictionmodel:save')" type="primary" @cli
11 ck="addOrUpdateHandle()">{{ $t('add') }}</el-button>
12     </el-form-item>
13     <el-form-item>
14         <el-button v-if="$hasPermission('center:wfdcbpredictionmodel:delete')" type="danger" @cli
15 ck="deleteHandle()">{{ $t('deleteBatch') }}</el-button>
16     </el-form-item>
17 </el-form>
18 <el-table v-loading="dataListLoading" :data="dataList" border @selection-change="dataListS
19 electionChangeHandle" style="width: 100%;">
20     <el-table-column type="selection" header-align="center" align="center" width="50"></el-tab
21 le-column>
22     <el-table-column prop="id" label="" header-align="center" align="center"></el-table-column
23 >
24     <el-table-column prop="predictionValue" label="" header-align="center" align="center"></el
25 -table-column>
26     <el-table-column prop="errorAnalysis" label="" header-align="center" align="center"></el-t
27 able-column>
28     <el-table-column prop="modelEvaluation" label="" header-align="center" align="center"></
29 el-table-column>
30     <el-table-column prop="predictionAccuracy" label="" header-align="center" align="center">
31 </el-table-column>
32     <el-table-column prop="trendPrediction" label="" header-align="center" align="center"></el
33 -table-column>
34     <el-table-column prop="timeSeriesAnalysis" label="" header-align="center" align="center">
35 </el-table-column>
36     <el-table-column :label="$t('handle')" fixed="right" header-align="center" align="center" wi
37 dth="150">
38         <template slot-scope="scope">
39             <el-button v-if="$hasPermission('center:wfdcbpredictionmodel:update')" type="text" size=
40 "small" @click="addOrUpdateHandle(scope.row.id)">{{ $t('update') }}</el-button>
41             <el-button v-if="$hasPermission('center:wfdcbpredictionmodel:delete')" type="text" size=
42 "small" @click="deleteHandle(scope.row.id)">{{ $t('delete') }}</el-button>
43         </template>
44     </el-table-column>
45 </el-table>
46 <el-pagination
47     :current-page="page"
48     :page-sizes="[10, 20, 50, 100]"
49     :page-size="limit"
50     :total="total"

```

```

1      layout="total, sizes, prev, pager, next, jumper"
2      @size-change="pageSizeChangeHandle"
3      @current-change="pageCurrentChangeHandle">
4      </el-pagination>
5      <!-- 弹窗, 新增 / 修改 -->
6      <add-or-update v-if="addOrUpdateVisible" ref="addOrUpdate" @refreshDataList="getDataLi
7 st"></add-or-update>
8      </div>
9      </el-card>
10     </template>
11     <script>
12     import mixinViewModule from '@mixins/view-module'
13     import AddOrUpdate from './wfdcbpredictionmodel-add-or-update'
14     export default {
15       mixins: [mixinViewModule],
16       data () {
17         return {
18           mixinViewModuleOptions: {
19             getDataListURL: '/center/wfdcbpredictionmodel/page',
20             getDataListIsPage: true,
21             exportURL: '/center/wfdcbpredictionmodel/export',
22             deleteURL: '/center/wfdcbpredictionmodel',
23             deleteIsBatch: true
24           },
25           dataForm: {
26             id: ""
27           }
28         }
29       },
30       components: {
31         AddOrUpdate
32       }
33     }
34     </script>
35     <template>
36       <el-dialog :visible.sync="visible" :title="!dataForm.id ? $t('add') : $t('update')" :close-on-click-m
37 odal="false" :close-on-press-escape="false">
38         <el-form :model="dataForm" :rules="dataRule" ref="dataForm" @keyup.enter.native="dataFor
39 mSubmitHandle()" :label-width="$i18n.locale === 'en-US' ? '120px' : '80px">
40           <el-form-item label="" prop="revenue">
41             <el-input v-model="dataForm.revenue" placeholder=""></el-input>
42           </el-form-item>
43           <el-form-item label="" prop="investmentReturnRate">
44             <el-input v-model="dataForm.investmentReturnRate" placeholder=""></el-input>
45           </el-form-item>
46           <el-form-item label="" prop="profitMargin">
47             <el-input v-model="dataForm.profitMargin" placeholder=""></el-input>
48           </el-form-item>
49           <el-form-item label="" prop="costBenefitRatio">
50             <el-input v-model="dataForm.costBenefitRatio" placeholder=""></el-input>

```



```

1      </el-form-item>
2      <el-form-item label="" prop="investmentPaybackPeriod">
3      <el-input v-model="dataForm.investmentPaybackPeriod" placeholder=""></el-input>
4      </el-form-item>
5      <el-form-item label="" prop="netPresentValue">
6      <el-input v-model="dataForm.netPresentValue" placeholder=""></el-input>
7      </el-form-item>
8      </el-form>
9      <template slot="footer">
10     <el-button @click="visible = false">{{ $t('cancel') }}</el-button>
11     <el-button type="primary" @click="dataFormSubmitHandle()">{{ $t('confirm') }}</el-button>
12 >
13     </template>
14 </el-dialog>
15 </template>
16 <script>
17 import debounce from 'lodash/debounce'
18 export default {
19   data () {
20     return {
21       visible: false,
22       dataForm: {
23         id: "",
24         revenue: "",
25         investmentReturnRate: "",
26         profitMargin: "",
27         costBenefitRatio: "",
28         investmentPaybackPeriod: "",
29         netPresentValue: ""
30       }
31     }
32   },
33   computed: {
34     dataRule () {
35       return {
36         revenue: [
37           { required: true, message: this.$t('validate.required'), trigger: 'blur' }
38         ],
39         investmentReturnRate: [
40           { required: true, message: this.$t('validate.required'), trigger: 'blur' }
41         ],
42         profitMargin: [
43           { required: true, message: this.$t('validate.required'), trigger: 'blur' }
44         ],
45         costBenefitRatio: [
46           { required: true, message: this.$t('validate.required'), trigger: 'blur' }
47         ],
48         investmentPaybackPeriod: [
49           { required: true, message: this.$t('validate.required'), trigger: 'blur' }
50         ],

```

```
1      netPresentValue: [
2        { required: true, message: this.$t('validate.required'), trigger: 'blur' }
3      ]
4    }
5  }
6 },
7 methods: {
8   init () {
9     this.visible = true
10    this.$nextTick(() => {
11      this.$refs['dataForm'].resetFields()
12      if (this.dataForm.id) {
13        this.getInfo()
14      }
15    })
16  },
17  getInfo () {
18    this.$http.get(`/center/wfdcbprofitanalysis/${this.dataForm.id}`).then(({ data: res }) => {
19      if (res.code !== 0) {
20        return this.$message.error(res.msg)
21      }
22      this.dataForm = {
23        ...this.dataForm,
24        ...res.data
25      }
26    }).catch(() => {})
27  },
28  dataFormSubmitHandle: debounce(function () {
29    this.$refs['dataForm'].validate((valid) => {
30      if (!valid) {
31        return false
32      }
33      this.$http[!this.dataForm.id ? 'post' : 'put']('/center/wfdcbprofitanalysis/', this.dataForm).then(
34        ({ data: res }) => {
35          if (res.code !== 0) {
36            return this.$message.error(res.msg)
37          }
38          this.$message({
39            message: this.$t('prompt.success'),
40            type: 'success',
41            duration: 500,
42            onClose: () => {
43              this.visible = false
44              this.$emit('refreshDataList')
45            }
46          })
47        }).catch(() => {})
48      })
49    }, 1000, { 'leading': true, 'trailing': false })
50  }
```

```

1  }
2  </script>
3  <template>
4    <el-card shadow="never" class="aui-card--fill">
5      <div class="mod-center__wfdcbprofitanalysis">
6        <el-form :inline="true" :model="dataForm" @keyup.enter.native="getDataList()">
7          <el-form-item>
8            <el-input v-model="dataForm.id" placeholder="id" clearable></el-input>
9          </el-form-item>
10         <el-form-item>
11           <el-button @click="getDataList()">{{ $t('query') }}</el-button>
12         </el-form-item>
13         <el-form-item>
14           <el-button type="info" @click="exportHandle()">{{ $t('export') }}</el-button>
15         </el-form-item>
16         <el-form-item>
17           <el-button v-if="$hasPermission('center:wfdcbprofitanalysis:save')" type="primary" @click
18 = "addOrUpdateHandle()">{{ $t('add') }}</el-button>
19         </el-form-item>
20         <el-form-item>
21           <el-button v-if="$hasPermission('center:wfdcbprofitanalysis:delete')" type="danger" @click
22 = "deleteHandle()">{{ $t('deleteBatch') }}</el-button>
23         </el-form-item>
24       </el-form>
25       <el-table v-loading="dataListLoading" :data="dataList" border @selection-change="dataListS
26 electionChangeHandle" style="width: 100%;">
27         <el-table-column type="selection" header-align="center" align="center" width="50"></el-tab
28 le-column>
29         <el-table-column prop="id" label="" header-align="center" align="center"></el-table-column
30 >
31         <el-table-column prop="revenue" label="" header-align="center" align="center"></el-table-c
32 olumn>
33         <el-table-column prop="investmentReturnRate" label="" header-align="center" align="cente
34 r"></el-table-column>
35         <el-table-column prop="profitMargin" label="" header-align="center" align="center"></el-ta
36 ble-column>
37         <el-table-column prop="costBenefitRatio" label="" header-align="center" align="center"></
38 el-table-column>
39         <el-table-column prop="investmentPaybackPeriod" label="" header-align="center" align="ce
40 nter"></el-table-column>
41         <el-table-column prop="netPresentValue" label="" header-align="center" align="center"></e
42 l-table-column>
43         <el-table-column :label="$t('handle')" fixed="right" header-align="center" align="center" wi
44 dth="150">
45           <template slot-scope="scope">
46             <el-button v-if="$hasPermission('center:wfdcbprofitanalysis:update')" type="text" size="s
47 mall" @click="addOrUpdateHandle(scope.row.id)">{{ $t('update') }}</el-button>
48             <el-button v-if="$hasPermission('center:wfdcbprofitanalysis:delete')" type="text" size="s
49 mall" @click="deleteHandle(scope.row.id)">{{ $t('delete') }}</el-button>
50           </template>

```

```

1      </el-table-column>
2      </el-table>
3      <el-pagination
4        :current-page="page"
5        :page-sizes="[10, 20, 50, 100]"
6        :page-size="limit"
7        :total="total"
8        layout="total, sizes, prev, pager, next, jumper"
9        @size-change="pageSizeChangeHandle"
10       @current-change="pageCurrentChangeHandle">
11      </el-pagination>
12      <!-- 弹窗, 新增 / 修改 -->
13      <add-or-update v-if="addOrUpdateVisible" ref="addOrUpdate" @refreshDataList="getDataLi
14st"></add-or-update>
15      </div>
16      </el-card>
17      </template>
18      <script>
19      import mixinViewModule from '@mixins/view-module'
20      import AddOrUpdate from './wfdcbprofitanalysis-add-or-update'
21      export default {
22        mixins: [mixinViewModule],
23        data () {
24          return {
25            mixinViewModuleOptions: {
26              getDataListURL: '/center/wfdcbprofitanalysis/page',
27              getDataListIsPage: true,
28              exportURL: '/center/wfdcbprofitanalysis/export',
29              deleteURL: '/center/wfdcbprofitanalysis',
30              deleteIsBatch: true
31            },
32            dataForm: {
33              id: ""
34            }
35          }
36        },
37        components: {
38          AddOrUpdate
39        }
40      }
41      </script>
42      <template>
43        <el-dialog :visible.sync="visible" :title="!dataForm.id ? $t('add') : $t('update')" :close-on-click-m
44odal="false" :close-on-press-escape="false">
45          <el-form :model="dataForm" :rules="dataRule" ref="dataForm" @keyup.enter.native="dataFor
46mSubmitHandle()" :label-width="$i18n.locale === 'en-US' ? '120px' : '80px'">
47            <el-form-item label="" prop="reportTemplate">
48              <el-input v-model="dataForm.reportTemplate" placeholder=""></el-input>
49            </el-form-item>
50            <el-form-item label="" prop="reportFormat">

```

```

1      <el-input v-model="dataForm.reportFormat" placeholder=""></el-input>
2    </el-form-item>
3      <el-form-item label="" prop="reportContent">
4        <el-input v-model="dataForm.reportContent" placeholder=""></el-input>
5      </el-form-item>
6      <el-form-item label="" prop="reportExport">
7        <el-input v-model="dataForm.reportExport" placeholder=""></el-input>
8      </el-form-item>
9      <el-form-item label="" prop="reportCustomization">
10       <el-input v-model="dataForm.reportCustomization" placeholder=""></el-input>
11     </el-form-item>
12     <el-form-item label="" prop="reportSharing">
13       <el-input v-model="dataForm.reportSharing" placeholder=""></el-input>
14     </el-form-item>
15   </el-form>
16   <template slot="footer">
17     <el-button @click="visible = false">{{ $t('cancel') }}</el-button>
18     <el-button type="primary" @click="dataFormSubmitHandle()">{{ $t('confirm') }}</el-button>
19   >
20   </template>
21 </el-dialog>
22 </template>
23 <script>
24 import debounce from 'lodash/debounce'
25 export default {
26   data () {
27     return {
28       visible: false,
29       dataForm: {
30         id: "",
31         reportTemplate: "",
32         reportFormat: "",
33         reportContent: "",
34         reportExport: "",
35         reportCustomization: "",
36         reportSharing: ""
37       }
38     }
39   },
40   computed: {
41     dataRule () {
42       return {
43         reportTemplate: [
44           { required: true, message: this.$t('validate.required'), trigger: 'blur' }
45         ],
46         reportFormat: [
47           { required: true, message: this.$t('validate.required'), trigger: 'blur' }
48         ],
49         reportContent: [
50           { required: true, message: this.$t('validate.required'), trigger: 'blur' }

```

```

1      ],
2      reportExport: [
3        { required: true, message: this.$t('validate.required'), trigger: 'blur' }
4      ],
5      reportCustomization: [
6        { required: true, message: this.$t('validate.required'), trigger: 'blur' }
7      ],
8      reportSharing: [
9        { required: true, message: this.$t('validate.required'), trigger: 'blur' }
10     ]
11   }
12 }
13 },
14 methods: {
15   init () {
16     this.visible = true
17     this.$nextTick(() => {
18       this.$refs['dataForm'].resetFields()
19       if (this.dataForm.id) {
20         this.getInfo()
21       }
22     })
23   },
24   getInfo () {
25     this.$http.get(`/center/wfdcbreportgeneration/${this.dataForm.id}`).then(({ data: res }) => {
26       if (res.code !== 0) {
27         return this.$message.error(res.msg)
28       }
29       this.dataForm = {
30         ...this.dataForm,
31         ...res.data
32       }
33     }).catch(() => {})
34   },
35   dataFormSubmitHandle: debounce(function () {
36     this.$refs['dataForm'].validate((valid) => {
37       if (!valid) {
38         return false
39       }
40       this.$http[!this.dataForm.id ? 'post' : 'put']('/center/wfdcbreportgeneration/', this.dataForm).th
41     en(({ data: res }) => {
42       if (res.code !== 0) {
43         return this.$message.error(res.msg)
44       }
45       this.$message({
46         message: this.$t('prompt.success'),
47         type: 'success',
48         duration: 500,
49         onClose: () => {
50           this.visible = false

```

```

1      this.$emit('refreshDataList')
2    }
3  })
4  }).catch(() => {})
5  })
6  }, 1000, { 'leading': true, 'trailing': false })
7  }
8  }
9  </script>
10 <template>
11   <el-card shadow="never" class="aui-card--fill">
12     <div class="mod-center__wfdcbreportgeneration">
13       <el-form :inline="true" :model="dataForm" @keyup.enter.native="getDataList">
14         <el-form-item>
15           <el-input v-model="dataForm.id" placeholder="id" clearable></el-input>
16         </el-form-item>
17         <el-form-item>
18           <el-button @click="getDataList">{{ $t('query') }}</el-button>
19         </el-form-item>
20         <el-form-item>
21           <el-button type="info" @click="exportHandle">{{ $t('export') }}</el-button>
22         </el-form-item>
23         <el-form-item>
24           <el-button v-if="$hasPermission('center:wfdcbreportgeneration:save')" type="primary" @cl
25 ick="addOrUpdateHandle">{{ $t('add') }}</el-button>
26         </el-form-item>
27         <el-form-item>
28           <el-button v-if="$hasPermission('center:wfdcbreportgeneration:delete')" type="danger" @cl
29 ick="deleteHandle">{{ $t('deleteBatch') }}</el-button>
30         </el-form-item>
31       </el-form>
32       <el-table v-loading="dataListLoading" :data="dataList" border @selection-change="dataListS
33 electionChangeHandle" style="width: 100%;">
34         <el-table-column type="selection" header-align="center" align="center" width="50"></el-tab
35 le-column>
36         <el-table-column prop="id" label="" header-align="center" align="center"></el-table-column
37 >
38         <el-table-column prop="reportTemplate" label="" header-align="center" align="center"></el-
39 -table-column>
40         <el-table-column prop="reportFormat" label="" header-align="center" align="center"></el-ta
41 ble-column>
42         <el-table-column prop="reportContent" label="" header-align="center" align="center"></el-t
43 able-column>
44         <el-table-column prop="reportExport" label="" header-align="center" align="center"></el-ta
45 ble-column>
46         <el-table-column prop="reportCustomization" label="" header-align="center" align="center"
47 ></el-table-column>
48         <el-table-column prop="reportSharing" label="" header-align="center" align="center"></el-t
49 able-column>
50         <el-table-column :label="$t('handle')" fixed="right" header-align="center" align="center" wi

```

```

1  dth="150">
2    <template slot-scope="scope">
3      <el-button v-if="$hasPermission('center:wfdcbreportgeneration:update')" type="text" size=
4  "small" @click="addOrUpdateHandle(scope.row.id)">{{ $t('update') }}</el-button>
5      <el-button v-if="$hasPermission('center:wfdcbreportgeneration:delete')" type="text" size=
6  "small" @click="deleteHandle(scope.row.id)">{{ $t('delete') }}</el-button>
7    </template>
8  </el-table-column>
9  </el-table>
10 <el-pagination
11   :current-page="page"
12   :page-sizes="[10, 20, 50, 100]"
13   :page-size="limit"
14   :total="total"
15   layout="total, sizes, prev, pager, next, jumper"
16   @size-change="pageSizeChangeHandle"
17   @current-change="pageCurrentChangeHandle">
18 </el-pagination>
19 <!-- 弹窗, 新增 / 修改 -->
20 <add-or-update v-if="addOrUpdateVisible" ref="addOrUpdate" @refreshDataList="getDataLi
21 st"></add-or-update>
22 </div>
23 </el-card>
24 </template>
25 <script>
26 import mixinViewModule from '@./mixins/view-module'
27 import AddOrUpdate from './wfdcbreportgeneration-add-or-update'
28 export default {
29   mixins: [mixinViewModule],
30   data () {
31     return {
32       mixinViewModuleOptions: {
33         getDataListURL: '/center/wfdcbreportgeneration/page',
34         getDataListIsPage: true,
35         exportURL: '/center/wfdcbreportgeneration/export',
36         deleteURL: '/center/wfdcbreportgeneration',
37         deleteIsBatch: true
38       },
39       dataForm: {
40         id: ""
41       }
42     }
43   },
44   components: {
45     AddOrUpdate
46   }
47 }
48 </script>

```