BDCP Code Removal from CalLite Release Version

Note: most of these changes were made in model seq. 3, but items 9 and 10 were made in seq. 6

Workflow order

1. Hard code variables that are defined by GUI\_BDCP\_FacilityControl.table

**Run\main.wresl**

**svar** JonesIFSwitch {**select** Option **from** GUI\_BDCP\_FacilityControl **where** Index = 1}

**svar** BanksIFSwitch {**select** Option **from** GUI\_BDCP\_FacilityControl **where** Index = 2}

**svar** CCWDIFSwitch {**select** Option **from** GUI\_BDCP\_FacilityControl **where** Index = 3}

Hard Coded to

**svar** JonesIFSwitch {**value** 0}

**svar** BanksIFSwitch {**value** 0}

**svar** CCWDIFSwitch {**value** 0}

**run\assumptions\Option\_switches.wresl**

**define** TDExports {**select** Option **from** GUI\_BDCP\_FacilityControl **where** Index = 4}

Hard Coded to:

**define** TDExports {**value** 1}

**run\assumptions\Option\_switches.wresl**

**define** fremont\_notch\_on {**select** Option **from** GUI\_BDCP\_FacilityControl **where** Index=5}

Hard Coded to:

**define** fremont\_notch\_on {**value** 0}

2. Delete GUI\_BDCP\_FacilityControl.table, as it no longer has dependents

3. Run\delta\IsolatedFacility\isolatedfacility.wresl

4. Remove IsolatedFacility.table

5. Replaced ‘BDCP’ in comments with CONV\_

6. Deleted and unlinked the following files:

IF\_Daily\_constraint\_with\_wheeling.wresl (not linked to begin with)

IFDiversionCriteria\_DailyOps\_BASE\_init (not linked to begin with)

IFDiversionCriteria\_DailyOps\_Daily1 (not linked to begin with)

IF\_daily\_constraint

IFDiversionCriteria\_DailyOps\_B2\_BO

IFDiversionCriteria\_DailyOps\_BASE

IFDiversionCriteria\_DailyOps\_UPSTREAM

7. Delete the Following Tables

IF\_BypassFlows1

IF\_BypassFlows2

IFBypassFlows\_vs\_SAC\_wSlope

IFBypassFlows\_vs\_sac

IFBypassFlows

IFDiversionCriteria

8. At this point, under the Run\Delta\IsolatedFacility, there are only the following files

Split\_IFTD – this code contains defines used throughout the wresl code. Instead of changing all the dependents on this file, I decided to keep this file and just change some of the goals to omit ‘IF’ variables. This will make it easier to revert back to BDCP in the future.

IF\_OFF - this was used to satisfy the ‘else’ condition (i.e. when IF switches are off), so this code is kept. The only change is that it is called all the time now

8. Place Split\_IFTD and IF\_OFF directly in the Delta folder and change the Directories in the main file

9. Apply changes from to main.wresl to main\_wsidi.wresl

10. Removed the following from GUILinks2

fac\_ckb42 GUI\_BDCP\_FacilityControl.table 1 0 JonesIFSwitch - Jones IF Export: ON(1) OFF(0) Facilities n/a n/a n/a n/a n/a n/a n/a n/a n/a

fac\_ckb43 GUI\_BDCP\_FacilityControl.table 2 0 BanksIFSwitch - Banks IF Export: ON(1) OFF(0) Facilities n/a n/a n/a n/a n/a n/a n/a n/a n/a

fac\_ckb44 GUI\_BDCP\_FacilityControl.table 3 0 CCWDIFSwitch - CCWD IF Export: ON(1) OFF(0) Facilities n/a n/a n/a n/a n/a n/a n/a n/a n/a

fac\_ckb45 GUI\_BDCP\_FacilityControl.table 4 0 TDExports: ON(1) OFF(0) Facilities n/a n/a n/a n/a n/a n/a n/a n/a n/a

fac\_ckb8 GUI\_BDCP\_FacilityControl.table 5 0 fremont\_notch\_on - Fremont Weir Notch ON(1) OFF(0) Facilities n/a n/a n/a n/a n/a n/a n/a n/a n/a

Corroboration:

Expected result: The non-BDCP code should yield the exact same results as the with-BDCP code with IF turned off…OK

11. Removed:

Modelw2/lookup/scenarios/BDCP

Modelw2/lookup/scenarios/BO/GUI\_BDCP\_FacilityControl.table

Modelw2/lookup/scenarios/D1485/GUI\_BDCP\_FacilityControl.table

Modelw2/lookup/scenarios/D1641/GUI\_BDCP\_FacilityControl.table

Modelw2/wresl/system/weight-table-bdcp.wresl