

APPENDIX G

Resource Adequacy Month-Ahead Filing Template and Instructions

Worksheet A. CERTIFICATION FORM

Name of Load Serving Entity (LSE):
 Energy Service Provider Registration Number (if applicable):
 Scheduling Coordinator:
 Month of Filing (June 2006, July 2006, August 2006, or September 2006):

Certification of Information:

Consistent with Rules 1 and 2.4 of the CPUC's Rules of Practice and Procedure, this resource adequacy compliance filing has been verified by an officer of the corporation, who shall expressly certify, under penalty of perjury, the following:

1. I have responsibility for the activities reflected in this filing;
2. I have reviewed this compliance filing;
3. Based on my knowledge, this filing does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made;
4. Based on my knowledge, this [filing] contains all of the information required to be provided by CPUC orders, rules, and regulations.

Certified By Authorized LSE Representative (Name):
 Title:
 Date:
 Signature (sign the hard copy of filing):

Contact Person for Questions about this Filing:

Name:
 Title:
 Email:
 Telephone:
 Address:
 Address 2:
 City:
 State:
 Zip:

Back-Up Contact Person for Questions about this Filing (Optional):

Name:
 Title:
 Email:
 Telephone:

29-Mar-06

Instructions for RA Reporting Template

These instructions for the RA Reporting Template spreadsheet consist of the following:

- A. Overview
- B. Instructions for the Certification Sheet
- C. Summary Tab
- D. Instructions for the Resource Reporting Worksheets
- E. Worksheets on Dispatchable Demand Response Program Resources

A. Overview

The Resource Adequacy Template was created to assure that each Load Serving Entity ("LSE") owns or contracts for sufficient capacity to meet its Resource Adequacy Requirement (RAR). Previous editions of this workbook dealt primarily with the Year-Ahead filing. This workbook represents the Month-Ahead filing template.

The Summary Tab of the RA template workbook is now almost entirely automated, requiring the LSE to only fill out (1) the Month of Filing in Cell E8, and (2) the "Peak Demand [Coincident Peak Hour Demand Forecast provided by CEC] (MW)" in Cell E9. Once the LSE has input its resource information into the supporting spreadsheet tabs, the Summary Tab will automatically evaluate an LSE's compliance.

For the purposes of this worksheet, figures are to be inputted to the one-hundredth level of precision. Please enter all figures to two decimal places.

The template workbook requires each LSE to identify the specific resources that will supply capacity to meet its own RAR. For compliance purposes, an LSE may count capacity toward its RAR obligation in each of the four resource categories or buckets up to the "Maximum Cumulative Countable Capacity Levels" shown in Summary Table 3, Column J.

Each LSE must file one RA template workbook each month. The Monthly workbook must be received the last day of the month; postmarks are **not** acceptable. If the last day of the month is not a business day, the filing is due the next business day. For example, since the first filing deadline falls on April 30th, and since April 30th is a Sunday, the next business day (i.e. May 1st) becomes the filing deadline. Subsequent monthly filings occur each month thereafter. The first Monthly Workbook is due the first business day after April 30th (i.e. May 1). Subsequent monthly filings occur each month thereafter, for the rest of the year through December.

B. Instructions for the Certification Sheet

The Certification Sheet is to be completed and signed by an appropriate officer of the company.

Name of LSE – The legal name of the Load Serving Entity.

ESP Registration Number -- If the LSE is a registered ESP, provide the registration number.

CAISO Scheduling Coordinator – The CAISO Scheduling Coordinator that submits schedules for the load for the Load Serving Entity. The Scheduling Coordinator must submit a separate report to the CAISO for each LSE it represents.

Completed By – The name of the person responsible for the accuracy and completeness of the form.

Title – The title of the person responsible for the accuracy and completeness of the form.

Date – The date the form is completed.

Contact Information -- Provide this information to facilitate review of the filing.

C. Summary Tab

The Summary Tab of the RA workbook tabulates data from the supporting resource worksheets, and consists of the five Summary Tables described below. As noted above, the Summary Tab is almost entirely automated, only requiring the LSE to fill in the following three pieces of data in the Summary Tab, which are highlighted in light blue:

1. The “Month of Filing” in Cell E8 in Summary Table 1;
2. The “Peak Demand [Coincident Peak Hour Demand Forecast provided by CEC] (MW)” in Cell E9 in Summary Table 1; Please enter here the latest Load Forecast mailed out by the CEC. This takes into account and Monthly Load Forecast Adjustments reported in the template and approved by the CEC pursuant to the Forecast Adjustment process. Please use the latest information provided to you in the CEC Monthly Load Forecast distributed prior to the Filing Month.
3. RMR Condition 2 Allocation in Cell B24 in Summary Table 2; enter in Column B the MW amount from the December 28, 2005 CPUC mailing. This allocation is not revised monthly.

Summary Table 1, LSE Obligations

As noted above, the LSE needs to input data to Cells E8 and E9 in Summary Table 1. This table starts with the LSE obligation in MW provided by the CEC; grosses it up by 15%; subtracts out dispatchable demand response programs; and calculates 115% Monthly RA Requirement. The demand response line items are pulled from the following tabs in the workbook:

Resource Types
Demand Response available more than 2 hours per day [115% of Spreadsheet Tab DR-a] (MW) Worksheet Tab Name = DR-a_2hr-Plus
Demand Response available no more than 2 hours per day [115% of Spreadsheet Tab DR-b] (MW)

Worksheet Tab Name = DR-b_2hr-max

Summary Table 2, Total Claimed Resource Adequacy Capacity by Type of Capacity (MW)

Table 2 summarizes the LSE's capacity showing by resource type (rows) and by bucket type (columns), that the LSE would like to count toward its Monthly RAR goal. The LSE must manually input its "RMR Condition 2 Allocation" into Cell B24 in Summary Table 2.

The RA template workbook contains the following resource worksheets, which are respectively subtotaled at the top of each sheet then tabulated in Summary Table 2:

Resource Types
I. Physical Resources in ISO Control Area Worksheet Tab Name = I_Phys_Res
II. Unit Contingent Resources from Outside the ISO Control Area Worksheet Tab Name = II_Unit_Import
III. Non-Unit Contingent Resources from Outside the ISO Control Area Worksheet Tab Name = III_NonUnit_Import
IV. Liquidated Damages Contracts that do not specify a Physical Source or Tie Point for the Energy Worksheet Tab Name = IV_LD_Contracts.
V. DWR Contracts that are not unit specific Worksheet Tab Name = V_DWR_Contracts

Summary Table 3, Maximum Compliance Showing Cumulative Load in Each Bucket (MW)

Table 3 shows the Maximum Cumulative Contribution (MCC) figures that were issued as errata by the Energy Division on 12/29/2005. This table automatically calculates LSE-specific MW values that correspond to the MCC percentages; and automatically calculates how much capacity will count based on the data provided in the supporting spreadsheet tabs relative to the 115% RA target.

Summary Table 4, Resource Category by Bucket (MW)

Table 4 assembles an LSE's "Claimed Capacity" (from Table 2), and "Countable Capacity" (from Table 3) by individual bucket. Table 4 is a necessary intermediate step that breaks down this data into individual buckets, which are then reassembled in the opposite order in Table 5.

Summary Table 5, Minimum Required Compliance Showing by Category (MW)

amount of cumulative capacity the LSE must have in Bucket 4; Buckets 4 & 3; Buckets 4 & 3 & 2; and Buckets 4 & 3 & 2 & 1. This is the point of compliance for the LSEs. Each LSE has to show up with AT LEAST a specific amount of capacity in each of these minimum buckets. Table 5 automatically shows the LSE's short/long position in the minimum buckets, and automatically displays whether the LSE is "Compliant" or "Non-Compliant" at each level.

As a new feature, this box now also computes the LSE's compliance with the LD Phase Out percentages. The final row computes the amount of non-LD resource available to fulfill the RAR. Compliance is shown when the LSE has demonstrated at least 25% of their RAR met through non-LD resources. In future years, this requirement will raise to 50%, 75%, and finally 100% in 2009. This is the reverse of how the LD Phase out percentages are normally stated; this was done to remain consistent with the wording and formulas in the rest of the Summary Table.

D. Instructions for the Resource Reporting Worksheets

Do not enter data into the gray shaded areas, since the sheet automatically sums each particular resource category and transfers the information to this Summary worksheet. If it is necessary to include more rows of data in any one worksheet, then make sure the spreadsheet properly creates the subtotal and that it transfers to the Summary Table 2.

General Instructions for Columns that Appear in Multiple Worksheets:

Contract Identifier - The name by which the relevant contract is commonly referred and/or internal reference number, e.g. "Mirant I" or "Williams D" or "Sunrise". In some cases, a single contract identifier covers multiple units (i.e. there may be multiple rows with the same contract identifier)

Resource ID in CAISO Master File - The CAISO-assigned Resource ID.

RAR Capacity Effective Start Date - The first date during the RAR filing month when the specified Resource Adequacy Capacity becomes available to the LSE

RAR Capacity Effective End Date - The last date during the RAR month when the specified Resource Adequacy Capacity is available to the LSE
Minimum Hours in Month - The minimum number of hours in the RA filing month that the RA resource is contractually or physically available and capable of operating at its Qualifying Capacity during peak load hours to meet the LSE's RAR obligation.

Resource Category - The categorization of RA Resources based on physical or contractual operating limitations. The four Resource Categories for the 2006 Year-Ahead Report are:

Resource Buckets: Minimum Monthly Hours of Operation Qualifying for that Bucket	
Category #1 Bucket: Greater than or equal to the ULR monthly hours. These are for June through September, respectively: 40, 40, 60, and 40.	
Category #2 Bucket: 160 hours	
Category #3 Bucket: 384 hours	
Category #4 Bucket: Unrestricted	

Worksheet I. Physical Resources in ISO Control Area

For directions to columns not listed here, please consult the General Instructions above.

Resource Adequacy Capacity (MW) – This quantity is calculated automatically from the four Resource Category columns to the right, and represents the quantity of capacity that the LSE has under contract and that will be counted toward RAR for the Filing Month. Note: the quantity of Resource Adequacy Capacity cannot exceed the Qualified Capacity for the resource. Also note that any changes to Resource Adequacy Capacity during the RAR month must be identified in a separate line entry.

Resource Capacity Contract Number – LSE specified number that identifies the relevant contract(s). This information will be used to identify supporting documentation during compliance verification.

Worksheet II. Unit-Contingent Resources from Outside the ISO Control Area

For directions to columns not listed here, please consult the General Instructions above.

Resource Adequacy Capacity (MW) – This quantity is calculated automatically from the four Resource Category columns to the right, and represents the quantity of capacity that the LSE has under contract and that will be counted toward RAR for the Filing Month. Note: the quantity of Resource Adequacy Capacity cannot exceed the Qualified Capacity for the resource. Also note that any changes to Resource Adequacy Capacity during the RAR month must be identified in a separate line entry.

Resource Capacity Contract Number – LSE specified number that identifies the relevant contract(s). This information will be used to identify Branch Group – The name of the Branch Group that CAISO import capability has been allocated for purposes of RA to the LSE.

Allocation of RA Import Branch Group (MW) – The quantity of total qualified capacity available to the specific LSE at the specific Branch Group, as defined by the CAISO for the purposes of RAR.

Worksheet III. Non-Unit-Contingent Resources from Outside the ISO Control Area

For directions to columns not listed here, please consult the General Instructions above.

Branch Group – The name of the Branch Group that CAISO import capability has been allocated for purposes of RA to the LSE.

Resource Adequacy Capacity (MW) – This quantity is calculated automatically from the four Resource Category columns to the right, and represents the quantity of capacity that the LSE has under contract and that will be counted toward RAR for the Filing Month. Note: the quantity of Resource Adequacy Capacity cannot exceed the Qualified Capacity for the resource. Also note that any changes to Resource Adequacy Capacity during the RAR month must be identified in a separate line entry.

Resource Capacity Contract Number – LSE specified number that identifies the relevant contract(s). This information will be used to identify supporting documentation during compliance verification.

Allocation of RA Import Branch Group (MW) – The quantity of total qualified capacity available to the specific LSE at the specific Branch Group, as defined by the CAISO for the purposes of RAR.

Worksheet IV. Liquidated Damages Contracts that do not specify a Physical Source for the Energy and do not specify a Tie Point

For directions to columns not listed here, please consult the General Instructions above.

Resource Adequacy Capacity (MW) – This quantity is calculated automatically from the four Resource Category columns to the right, and represents the quantity of capacity that the LSE has under contract and that will be counted toward RAR for the Filing Month. Note: the quantity of Resource Adequacy Capacity cannot exceed the Qualified Capacity for the resource. Also note that any changes to Resource Adequacy Capacity during the RAR month must be identified in a separate line entry.

Resource Capacity Contract Number – LSE specified number that identifies the relevant contract(s). This information will be used to identify supporting documentation during compliance verification. Use the following convention for reporting LD contracts -- LD-LSE initials-001, then LD-LSE acronym-002, etc. For example, LD-SCE-001 is the first LD contract for Southern California Edison.

CAISO Congestion Zone – The congestion zone where the capacity will be delivered. This field can contain more than one congestion zone if necessary. If capacity can be delivered in all CAISO congestion zones, enter “CAISO Control Area”.

Worksheet V. DWR Contracts

For directions to columns not listed here, please consult the General Instructions above.

Resource Adequacy Capacity (MW) – This quantity is calculated automatically from the four Resource Category columns to the right, and represents the quantity of capacity that the LSE has under contract and that will be counted toward RAR for the Filing Month. Note: the quantity of Resource Adequacy Capacity cannot exceed the Qualified Capacity for the resource. Also note that any changes to Resource Adequacy Capacity during the RAR month must be identified in a separate line entry.

Resource Capacity Contract Number – LSE specified number that identifies the relevant contract(s). This information will be used to identify supporting documentation during compliance verification. Use the following convention for reporting LD contracts -- LD-LSE initials-001, then LD-LSE acronym-002, etc. For example, LD-SCE-001 is the first LD contract for Southern California Edison.

CAISO Congestion Zone or Branch Group – The congestion zone or Branch Group where the capacity will be delivered. This field can contain more than one congestion zone if necessary. If capacity can be delivered in all CAISO congestion zones, use “CAISO Control Area” as the input.

Allocation of RA Import Branch Group if DWR Import (MW) – If the resource is an import resource, enter here the resource's allocation in MW over the Branch Group specified in Column H CAISO Control Zone or Branch Group

E. Worksheets on Dispatchable Demand Response Program Resources

Worksheet DR-a RESOURCES

DR-a 2hr-Plus. Dispatchable Demand Response Program Resources Available more than 2 hours per day

For directions to columns not listed here, please consult the General Instructions above.

Program Name – The name of the program. For those programs not unique to an LSE, use the name for the capacity reported by the CEC Staff.

Resource Adequacy Capacity (MW) – The quantity of capacity of the program. If the program is not unique to the LSE, enter CEC DR Allocation.

Program Operator – The entity that will physically dispatch the program.

Program Capacity (MW) – The total program capacity as reported by the CEC staff.

Authorized Operation Start Date – Identify the date within a calendar year that the program is allowed to commence operations.

Authorized Operation End Date – Identify the date within a calendar year that the program is obligated to shut down for the year.
Total Authorized Hours of Operation- Report the program's monthly authorized hours of operation.

Worksheet DR-b. RESOURCES

DR-b 2hr-max. Dispatchable Demand Response Program Resources Available not more than 2 hours per day

For directions to columns not listed here, please consult the General Instructions above.

Program Name - The name of the program.

Resource Adequacy Capacity (MW) – The program's quantity of capacity.

Program Operator – The entity that will physically dispatch the program.

Program Capacity (MW) – The total program capacity as reported by the CEC staff.

Authorized Operation Start Date – Identify the date within a calendar year that the program is allowed to commence operations.

Authorized Operation End Date – Identify the date within a calendar year that the program is obligated to shut down for the year.

Total Authorized Hours of Operation- Report the program's monthly authorized hours of operation.

Cell Label below -- do not delete:

MW

Worksheet B. SUMMARY

Notes:

All values on this Summary Tab will calculate automatically from other parts of workbook, except cells in light blue highlight in E8, E9, and B25. Cells in light blue on the Summary Tab must be entered by each LSE.

Double-Click on Yellow-Highlighted Cells below to go to Each Supporting Worksheet Tab. In order to use this "Double-Click" feature, you must unselect the 'Edit Directly In Cell' feature in MS-Excel. To do this, on the MENU BAR above, select TOOLS then OPTIONS then the EDIT tab and make sure there is NO checkmark in the 'Edit Directly In Cell' box.

Summary Table 1 LSE Obligations		Abbreviation
Month of Filing:		Filing Month
Peak Demand [Coincident Peak Hour Demand Forecast provided by CEC] (MW):	0.0	Peak Demand
Forward Commitment Obligation for Year-Ahead [115% of Peak Demand] (MW):	0.0	FCO-115%
Demand Response available more than 2 hours per day [115% of Spreadsheet Tab DR-a] (MW):	0.0	DR-a
Demand Response available no more than 2 hours per day [115% of Spreadsheet Tab DR-b] (MW):	0.0	DR-b
Forward Commitment Obligation for Month-Ahead Minus Demand Response (MW):	0.0	FCO-DR

Summary Table 2 Total Claimed Resource Adequacy Capacity by Type of Capacity (MW)						
Type of Capacity (Double-Click on Yellow-Highlighted Cells below to go to Each Supporting Worksheet Tab)	Resource Adequacy Capacity (MW)	Sum of Resource Category 1	Sum of Resource Category 2	Sum of Resource Category 3	Sum of Resource Category 4	Percentage of All RA Resources
(A)	(B)	(C)	(D)	(E)	(F)	(G)
I. Physical Resources in ISO Control Area	0.0	0.0	0.0	0.0	0.0	#DIV/0!
II. Unit Contingent Resources from Outside the ISO Control Area	0.0	0.0	0.0	0.0	0.0	#DIV/0!
III. Non-Unit Contingent Resources from Outside the ISO Control Area	0.0	0.0	0.0	0.0	0.0	#DIV/0!
IV. Liquidated Damages Contracts that do not specify a Physical Source or Tie Point for the Energy	0.0	0.0	0.0	0.0	0.0	#DIV/0!
V. DWR Contracts	0.0	0.0	0.0	0.0	0.0	#DIV/0!
VII. RMR Condition 2 Allocation	0.0				0.0	#DIV/0!
Total Resource Adequacy Capacity	0.0	0.0	0.0	0.0	0.0	

Summary Table 3 115% Month Ahead Compliance Showing Claimed vs. Countable Load in Each Bucket (MW)					
Categories	Maximum Cumulative Contribution (MCC) Allowed (%)	Maximum Cumulative Countable Capacity Levels (MW) (J) = (I) x RAR = 0 MW	Claimed Resource plus countable from prior bucket (MW) (K) = (L) + Total of Table 2	Countable Cumulative Resource Adequacy Capacity (MW) (L) = Minimum of (J), or (K)	Countable Resource Adequacy Capacity (%) (M)
(H)	(I)	(J)	(K)	(L)	(M)
Category #1 Bucket	13.3%	0.0	0.0	0.0	#DIV/0!
Category #1,2 Buckets	18.6%	0.0	0.0	0.0	#DIV/0!
Category #1,2,3 Buckets	30.1%	0.0	0.0	0.0	#DIV/0!
Category #1,2,3,4 Buckets	100%	unrestricted	0.0	0.0	#DIV/0!

Summary Table 4 Resource Category by Bucket (MW)			
Categories	Claimed Resource Adequacy Capacity by Bucket (MW) (O) = Totals from Summary Table 2	Countable Resource Adequacy Capacity by Bucket (MW) (P)	Resource Adequacy Capacity Relative to 115% of RAR (Q)
(N)	(O)	(P)	(Q)
Resource Category #1 Bucket	0.0	0.0	#DIV/0!
Resource Category #2 Bucket	0.0	0.0	#DIV/0!
Resource Category #3 Bucket	0.0	0.0	#DIV/0!
Resource Category #4 Bucket	0.0	0.0	#DIV/0!
Cumulative Total	0.0	0.0	#DIV/0!

Cell Label Below -
Do Not Delete
MW

Summary Table 5 Minimum Required Compliance Showing by Category (MW)					
Categories	Minimum Cumulative Requirement (MCR) % (S)	Minimum Capacity Levels (MW) (T) = (S) x (RAR)	Countable Resource Adequacy Capacity (MW) (U) = Cumulative Values of (P)	(Short)/Long on Capacity (MW) (V) = (U) - (T)	Compliance Status (W) = "Compliant" when (V) is Greater Than or Equal to Zero (W)
(R)	(S)	(T)	(U)	(V)	(W)
Category #4 Bucket	69.9%	0.0	0.0	0.0	Compliant
Category #4, 3 Buckets	81.4%	0.0	0.0	0.0	Compliant
Category #4, 3, 2 Buckets	86.7%	0.0	0.0	0.0	Compliant
Category #4, 3, 2, 1 Buckets	100.0%	0.0	0.0	0.0	Compliant
Non-LD Contract Minimum	25%	0.0	0.0	0.0	Compliant

