

Appendix A

Ex-Ante Monthly Load Impact Forecasts

A.1) RA Forecast

**SDG&E Load Impacts Adopted for RA
DR 2011 Load Impact Estimates
MWs**

Expected Capacity at Coincident Peak based on Load Impact Protocols (MW)

Average of Hourly Ex Ante Load Impacts (MW/hour) from 2 to 6 PM If Simultaneous Events Are Called on Monthly Peak Load Days Under 1-in-2 Weather Year Conditions, Before Adjusting for Avoided Line Losses

Program Name	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
BIP	6.20	5.90	6.10	6.20	6.10	6.20	6.40	6.50	6.40	6.60	6.00	5.90
Summer Saver Residential and Commercial	-	-	-	-	17.00	6.00	20.00	24.00	29.00	23.00	-	-
AMP	-	-	-	-	19.00	18.00	24.00	25.00	25.00	23.00		
CBP - Day of	-	-	-	-	13.00	13.00	14.00	14.00	15.00	15.00	-	-
CBP- Day ahead	-	-	-	-	11.00	10.00	11.00	11.00	12.00	11.00	-	-
CPP Emergency	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
PTR	-	-	-	-	68.00	62.00	95.00	93.00	86.00	71.00	54.00	62.00
CPP-D * Medium and Large C&I	15.00	16.00	16.00	19.00	20.00	18.00	21.00	21.00	21.00	21.00	18.00	16.00
Total Allocated Event Based Resources	23.20	23.90	24.10	27.20	156.10	135.20	193.40	196.50	196.40	172.60	80.00	85.90

A.2) Tables 1 in 2 Portfolio

Program	Year	Weather	Program Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
BIP	2011	1 in 2	Emergency Program	5	5	6	7	7	7	7	7	7	7	6	7
CBP day-ahead	2011	1 in 2	Price Responsive Program	0	0	0	0	9	9	9	9	9	9	0	0
CBP day-of	2011	1 in 2	Price Responsive Program	0	0	0	0	19	18	20	20	21	21	0	0
CPPD Large	2011	1 in 2	Price Responsive Program	7	7	7	16	12	12	15	13	12	14	6	6
CPPD Medium	2011	1 in 2	Price Responsive Program	0	0	0	0	0	0	0	0	0	0	0	0
CPP-E	2011	1 in 2	Emergency Program	0	0	0	0	0	0	0	0	0	0	0	0
PLS	2011	1 in 2	Non-Event Based Resource	1	1	1	1	1	1	1	1	1	1	1	1
PTR	2011	1 in 2	Price Responsive Program	0	0	0	0	0	0	0	0	0	0	0	0
SCTD	2011	1 in 2	Price Responsive Program	0	0	0	0	0	0	0	0	0	0	0	0
Summer Saver Commercial	2011	1 in 2	Price Responsive Program	0	0	0	0	4	3	4	5	5	5	0	0
Summer Saver Residential	2011	1 in 2	Price Responsive Program	0	0	0	0	10	4	8	10	12	13	0	0
Total	2011	1 in 2	Total	13	14	14	24	63	55	64	65	68	70	14	14

Program	Year	Weather	Program Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
BIP	2012	1 in 2	Emergency Program	7	8	8	9	10	10	11	10	11	10	9	9
CBP day-ahead	2012	1 in 2	Price Responsive Program	0	0	0	0	9	9	10	10	10	10	0	0
CBP day-of	2012	1 in 2	Price Responsive Program	0	0	0	0	21	20	22	22	23	23	0	0
CPPD Large	2012	1 in 2	Price Responsive Program	6	6	7	16	12	12	15	12	12	14	6	6
CPPD Medium	2012	1 in 2	Price Responsive Program	0	0	0	0	0	0	0	0	0	0	0	0
CPP-E	2012	1 in 2	Emergency Program	0	0	0	0	0	0	0	0	0	0	0	0
PLS	2012	1 in 2	Non-Event Based Resource	2	2	2	2	2	2	2	2	2	2	2	2
PTR	2012	1 in 2	Price Responsive Program	0	0	0	0	50	46	70	69	63	52	14	16
SCTD	2012	1 in 2	Price Responsive Program	1	1	1	3	5	4	5	6	6	6	1	1
Summer Saver Commercial	2012	1 in 2	Price Responsive Program	0	0	0	0	4	3	4	5	5	5	0	0
Summer Saver Residential	2012	1 in 2	Price Responsive Program	0	0	0	0	10	4	8	10	12	13	0	0
Total	2012	1 in 2	Total	16	17	18	31	124	110	146	146	145	135	32	33

Program	Year	Weather	Program Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
BIP	2013	1 in 2	Emergency Program	10	10	10	12	12	12	13	13	13	12	11	11
CBP day-ahead	2013	1 in 2	Price Responsive Program	0	0	0	0	10	10	11	11	11	11	0	0
CBP day-of	2013	1 in 2	Price Responsive Program	0	0	0	0	23	22	24	24	25	25	0	0
CPPD Large	2013	1 in 2	Price Responsive Program	6	6	6	16	12	12	14	12	12	14	6	6
CPPD Medium	2013	1 in 2	Price Responsive Program	0	0	0	30	26	26	27	26	23	28	0	0
CPP-E	2013	1 in 2	Emergency Program	0	0	0	0	0	0	0	0	0	0	0	0
PLS	2013	1 in 2	Non-Event Based Resource	4	4	4	4	4	4	4	4	4	4	4	4
PTR	2013	1 in 2	Price Responsive Program	18	17	14	43	51	46	72	70	64	53	14	16
SCTD	2013	1 in 2	Price Responsive Program	2	2	2	5	9	6	9	10	10	10	2	2
Summer Saver Commercial	2013	1 in 2	Price Responsive Program	0	0	0	0	4	3	4	5	5	5	0	0
Summer Saver Residential	2013	1 in 2	Price Responsive Program	0	0	0	0	10	4	8	10	12	13	0	0
Total	2013	1 in 2	Total	39	38	36	109	161	146	185	183	180	174	37	38

Program	Year	Weather	Program Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
BIP	2014	1 in 2	Emergency Program	12	12	12	14	15	15	16	16	16	15	13	12
CBP day-ahead	2014	1 in 2	Price Responsive Program	0	0	0	0	11	11	11	11	11	11	0	0
CBP day-of	2014	1 in 2	Price Responsive Program	0	0	0	0	25	24	26	26	27	27	0	0
CPPD Large	2014	1 in 2	Price Responsive Program	6	6	6	16	12	12	15	12	12	14	6	6
CPPD Medium	2014	1 in 2	Price Responsive Program	0	0	0	39	32	30	30	26	23	26	0	0
CPP-E	2014	1 in 2	Emergency Program	0	0	0	0	0	0	0	0	0	0	0	0
PLS	2014	1 in 2	Non-Event Based Resource	5	5	5	5	5	5	5	5	5	5	5	5
PTR	2014	1 in 2	Price Responsive Program	19	18	14	44	53	47	73	71	66	54	14	16
SCTD	2014	1 in 2	Price Responsive Program	2	2	2	6	11	8	11	12	13	12	3	2
Summer Saver Commercial	2014	1 in 2	Price Responsive Program	0	0	0	0	4	3	4	5	5	5	0	0
Summer Saver Residential	2014	1 in 2	Price Responsive Program	0	0	0	0	10	4	8	10	12	13	0	0
Total	2014	1 in 2	Total	43	43	40	125	177	159	198	194	190	181	41	42

A.3) Tables 1 in 10 Portfolio

Program	Year	Weather	Program Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
BIP	2011	1 in 10	Emergency Program	5	5	6	7	7	7	7	7	7	7	6	7
CBP day-ahead	2011	1 in 10	Price Responsive Program	0	0	0	0	8	9	9	9	9	9	0	0
CBP day-of	2011	1 in 10	Price Responsive Program	0	0	0	0	23	22	22	23	24	25	0	0
CPPD Large	2011	1 in 10	Price Responsive Program	9	9	9	22	20	12	18	19	23	23	6	6
CPPD Medium	2011	1 in 10	Price Responsive Program	0	0	0	0	0	0	0	0	0	0	0	0
CPP-E	2011	1 in 10	Emergency Program	2	2	2	2	2	2	2	2	2	2	2	2
PLS	2011	1 in 2	Non-Event Based Resource	1	1	1	1	1	1	1	1	1	1	1	1
PTR	2011	1 in 10	Price Responsive Program	0	0	0	0	0	0	0	0	0	0	0	0
SCTD	2011	1 in 10	Price Responsive Program	0	0	0	0	0	0	0	0	0	0	0	0
Summer Saver Commercial	2011	1 in 10	Price Responsive Program	0	0	0	0	5	5	5	5	5	5	0	0
Summer Saver Residential	2011	1 in 10	Price Responsive Program	0	0	0	0	13	12	12	13	14	12	0	0
Total	2011	1 in 10	total	17	18	18	32	79	70	76	79	86	83	15	16

Program	Year	Weather	Program Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
BIP	2012	1 in 10	Emergency Program	7	8	8	10	10	10	11	11	11	10	9	9
CBP day-ahead	2012	1 in 10	Price Responsive Program	0	0	0	0	9	9	10	10	10	10	0	0
CBP day-of	2012	1 in 10	Price Responsive Program	0	0	0	0	23	22	22	23	24	25	0	0
CPPD Large	2012	1 in 10	Price Responsive Program	6	6	9	21	19	11	17	18	22	23	6	6
CPPD Medium	2012	1 in 10	Price Responsive Program	0	0	0	0	0	0	0	0	0	0	0	0
CPP-E	2012	1 in 10	Emergency Program	0	0	0	0	0	0	0	0	0	0	0	0
PTR	2012	1 in 10	Price Responsive Program	0	0	0	0	81	82	90	91	92	82	19	16
SCTD	2012	1 in 10	Price Responsive Program	1	1	2	4	6	5	6	6	6	6	1	1
Summer Saver Commercial	2012	1 in 10	Price Responsive Program	0	0	0	0	5	5	5	5	5	5	0	0
Summer Saver Residential	2012	1 in 10	Price Responsive Program	0	0	0	0	13	12	12	13	14	12	0	0
Total	2012	1 in 10	total	14	15	19	35	167	157	173	177	185	172	34	32

Program	Year	Weather	Program Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
BIP	2013	1 in 10	Emergency Program	10	10	10	12	12	12	13	13	13	12	11	11
CBP day-ahead	2013	1 in 10	Price Responsive Program	0	0	0	0	10	10	11	11	11	11	0	0
CBP day-of	2013	1 in 10	Price Responsive Program	0	0	0	0	25	24	24	25	26	27	0	0
CPPD Large	2013	1 in 10	Price Responsive Program	6	6	9	21	19	11	17	18	22	23	6	6
CPPD Medium	2013	1 in 10	Price Responsive Program	0	0	2	37	35	24	34	42	54	55	0	0
CPP-E	2013	1 in 10	Emergency Program	0	0	0	0	0	0	0	0	0	0	0	0
PLS	2013	1in2	Non-Event Based Resource	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
PTR	2013	1 in 10	Price Responsive Program	18	18	14	72	83	83	92	93	94	84	19	17
SCTD	2013	1 in 10	Price Responsive Program	2	2	4	7	10	9	10	10	11	10	2	2
Summer Saver Commercial	2013	1 in 10	Price Responsive Program	0	0	0	0	5	5	5	5	5	5	0	0
Summer Saver Residential	2013	1 in 10	Price Responsive Program	0	0	0	0	13	12	12	13	14	12	0	0
Total	2013	1 in 10	total	39	40	43	152	216	195	222	234	255	242	41	39

Program	Year	Weather	Program Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
BIP	2014	1 in 10	Emergency Program	12	12	13	15	15	15	16	16	16	15	13	13
CBP day-ahead	2014	1 in 10	Price Responsive Program	0	0	0	0	11	11	11	11	11	11	0	0
CBP day-of	2014	1 in 10	Price Responsive Program	0	0	0	0	27	26	26	27	28	28	0	0
CPPD Large	2014	1 in 10	Price Responsive Program	6	6	9	22	20	11	17	19	23	23	6	6
CPPD Medium	2014	1 in 10	Price Responsive Program	0	0	3	48	43	28	37	43	53	51	0	0
CPP-E	2014	1 in 10	Emergency Program	0	0	0	0	0	0	0	0	0	0	0	0
PLS	2014	1 in 2	Non-Event Based Resource	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
PTR	2014	1 in 10	Price Responsive Program	18	18	14	73	85	85	94	95	96	85	20	17
SCTD	2014	1 in 10	Price Responsive Program	2	3	5	9	13	11	12	13	13	13	2	2
Summer Saver Commercial	2014	1 in 10	Price Responsive Program	0	0	0	0	5	5	5	5	5	5	0	0
Summer Saver Residential	2014	1 in 10	Price Responsive Program	0	0	0	0	13	12	12	13	14	12	0	0
Total	2014	1 in 10	total	43	44	49	171	236	209	236	246	265	248	45	42