

**RESIDUAL VALUES CALCULATED FOR CRR DRY RUN  
ANNUAL AUCTION**

Interface_ID	Branch Group Name	Season	TOU	Residual
1	ADLANTOSP_BG	1	OFF	747.0
2	BLYTHE_BG	1	OFF	63.0
3	CASCADE_BG	1	OFF	72.8
4	CFE_BG	1	OFF	582.0
5	CTNWDRDMT_BG	1	OFF	269.3
6	CTNWDWAPA_BG	1	OFF	1079.5
7	ELDORADO_BG	1	OFF	264.8
8	GONDIPPDC_BG	1	OFF	12.8
9	IID-SCE_BG	1	OFF	74.1
10	IID-SDGE_BG	1	OFF	20.6
11	IPPCADLN_BG	1	OFF	471.0
12	LAUGHLIN_BG	1	OFF	166.6
13	LLNLTESLA_BG	1	OFF	186.0
15	MCCLMKTPC_BG	1	OFF	498.8
16	MCCULLGH_BG	1	OFF	1890.0
17	MEAD_BG	1	OFF	126.1
18	MEADMKTPC_BG	1	OFF	324.0
19	MEADTMEAD_BG	1	OFF	132.8
20	MERCHANT_BG	1	OFF	367.7
21	MKTPCADLN_BG	1	OFF	307.5
22	MONAIPPDC_BG	1	OFF	392.3
23	N.GILABK4_BG	1	OFF	120.1
24	NOB_BG	1	OFF	1419.2
25	OAKDALSUB_BG	1	OFF	193.5
27	PACI_BG	1	OFF	193.5
28	PALOVRDE_BG	1	OFF	119.3
29	PARKER_BG	1	OFF	159.8
32	RNCHLAKE_BG	1	OFF	1326.7
33	SILVERPK_BG	1	OFF	12.0
34	STNDFDSTN_BG	1	OFF	324.8
35	SUMMIT_BG	1	OFF	51.0
37	TRACYCOTP_BG	1	OFF	69.3
38	TRACYPGAE_BG	1	OFF	2500.4
40	VICTVL_BG	1	OFF	1396.8
41	WSLYTESLA_BG	1	OFF	169.5
42	WSTLYLSBN_BG	1	OFF	169.5
43	WSTWGMEAD_BG	1	OFF	42.4
103	SYLMAR-AC_BG	1	OFF	827.5
1	ADLANTOSP_BG	1	ON	747.0
2	BLYTHE_BG	1	ON	65.3
3	CASCADE_BG	1	ON	52.8
4	CFE_BG	1	ON	582.0
5	CTNWDRDMT_BG	1	ON	255.9
6	CTNWDWAPA_BG	1	ON	1058.2
7	ELDORADO_BG	1	ON	264.8
8	GONDIPPDC_BG	1	ON	12.8
9	IID-SCE_BG	1	ON	74.1
10	IID-SDGE_BG	1	ON	122.3
11	IPPCADLN_BG	1	ON	471.0
12	LAUGHLIN_BG	1	ON	166.6
13	LLNLTESLA_BG	1	ON	186.0
15	MCCLMKTPC_BG	1	ON	498.8

**MAPPING OF SCHEDULING POINTS TO BRANCH  
GROUPS**

Interface_ID	Branch Group Name	Scheduling Point Name
1	ADLANTOSP_BG	ADLNTO_5_LUGO
2	BLYTHE_BG	BLYTHE_1_WALC
3	CASCADE_BG	CASCAD_1_CRAGVW
4	CFE_BG	IVALLY_2_23050
4	CFE_BG	TJUANA_2_23040
5	CTNWDRDMT_BG	CTNWDW_2_RNDMTN
6	CTNWDWAPA_BG	CTNWDW_2_CTTNWD
7	ELDORADO_BG	ELDORD_5_PSUEDO
7	ELDORADO_BG	FCORN_5_PSUEDO
7	ELDORADO_BG	MOENKO_5_PSUEDO
8	GONDIPPDC_BG	GONDER_5_IPPDC
9	IID-SCE_BG	DEVERS_2_COCHLA
9	IID-SCE_BG	MIRAGE_2_COCHLA
10	IID-SDGE_BG	IVALLY_2_230S
11	IPPCADLN_BG	IPPC_5_ADLNTO
12	LAUGHLIN_BG	MOHAVE_5_500KV
12	LAUGHLIN_BG	MOHAVE_6_69KV
13	LLNLTESLA_BG	LLNL_1_TESLA
15	MCCLMKTPC_BG	MCCLUG_5_MKTPC
16	MCCULLGH_BG	ELDORD_5_MCLLGH
17	MEAD_BG	MEAD_2_WALC
18	MEADMKTPC_BG	MEAD_5_MKTPC
19	MEADTMEAD_BG	MEADT_5_MEAD
20	MERCHANT_BG	MCHNT_2_ELDORD
21	MKTPCADLN_BG	MKTPC_5_ADLNTO
22	MONAIPPDC_BG	MONA_5_IPPDC
23	N.GILABK4_BG	NGILA_5_NG4
24	NOB_BG	SYLMAR_2_NOB
25	OAKDALSUB_BG	OAKTID_1_OAKCSF
27	PACI_BG	MALIN_5_RNDMTN
28	PALOVRDE_BG	PVERDE_5_DEVERS
28	PALOVRDE_BG	PVERDE_5_NG-PLV
29	PARKER_BG	PARKR_2_GENE
32	RNCHLAKE_BG	LAKE_2_GOLDHL
32	RNCHLAKE_BG	RANCHO_2_BELOTA
33	SILVERPK_BG	SLVRPK_7_SPP
34	STNDFDSTN_BG	STNDFD_1_STNCSF
35	SUMMIT_BG	MBSPP_6_MARBLE
35	SUMMIT_BG	SUMITM_1_SPP
37	TRACYCOTP_BG	TRACY5_5_COTP
38	TRACYPGAE_BG	TRACY5_5_PGAE
40	VICTVL_BG	LUGO_5_VICTVL
41	WSLYTESLA_BG	WESTLY_2_TESLA
42	WSTLYLSBN_BG	WESTLY_2_LOSBNS
43	WSTWGMEAD_BG	WSTWNG_5_MSCHD1
103	SYLMAR-AC_BG	SYLMAR_2_LDWP

16	MCCULLGH_BG	1	ON	1890.0
17	MEAD_BG	1	ON	169.5
18	MEADMKTPC_BG	1	ON	324.0
19	MEADTMEAD_BG	1	ON	132.8
20	MERCHANT_BG	1	ON	329.7
21	MKTPCADLN_BG	1	ON	307.5
22	MONAIPPDC_BG	1	ON	392.3
23	N.GILABK4_BG	1	ON	120.1
24	NOB_BG	1	ON	940.1
25	OAKDALSUB_BG	1	ON	193.5
27	PACI_BG	1	ON	548.6
28	PALOVRDE_BG	1	ON	218.1
29	PARKER_BG	1	ON	159.8
32	RNCHLAKE_BG	1	ON	1458.0
33	SILVERPK_BG	1	ON	12.0
34	STNDFDSTN_BG	1	ON	324.8
35	SUMMIT_BG	1	ON	51.0
37	TRACYCOTP_BG	1	ON	69.8
38	TRACYPGAE_BG	1	ON	2764.3
40	VICTVL_BG	1	ON	1478.5
41	WSLYTESLA_BG	1	ON	169.5
42	WSTLYLSBN_BG	1	ON	169.5
43	WSTWGMEAD_BG	1	ON	33.0
103	SYLMAR-AC_BG	1	ON	851.9
1	ADLANTOSP_BG	2	OFF	753.8
2	BLYTHE_BG	2	OFF	65.3
3	CASCADE_BG	2	OFF	58.5
4	CFE_BG	2	OFF	582.0
5	CTNWDRODMT_BG	2	OFF	269.3
6	CTNWDWAPA_BG	2	OFF	1014.5
7	ELDORADO_BG	2	OFF	146.2
8	GONDIPPDC_BG	2	OFF	9.8
9	IID-SCE_BG	2	OFF	74.1
10	IID-SDGE_BG	2	OFF	20.6
11	IPPDCADLN_BG	2	OFF	471.0
12	LAUGHLIN_BG	2	OFF	166.6
13	LLNLTESLA_BG	2	OFF	119.3
15	MCCLMKTPC_BG	2	OFF	498.8
16	MCCULLGH_BG	2	OFF	1890.0
17	MEAD_BG	2	OFF	61.1
18	MEADMKTPC_BG	2	OFF	324.0
19	MEADTMEAD_BG	2	OFF	132.8
20	MERCHANT_BG	2	OFF	349.7
21	MKTPCADLN_BG	2	OFF	307.5
22	MONAIPPDC_BG	2	OFF	333.0
23	N.GILABK4_BG	2	OFF	120.1
24	NOB_BG	2	OFF	1107.0
25	OAKDALSUB_BG	2	OFF	119.3
27	PACI_BG	2	OFF	417.8
28	PALOVRDE_BG	2	OFF	53.8
29	PARKER_BG	2	OFF	47.8
32	RNCHLAKE_BG	2	OFF	924.8
33	SILVERPK_BG	2	OFF	12.0
34	STNDFDSTN_BG	2	OFF	230.3
35	SUMMIT_BG	2	OFF	51.0
37	TRACYCOTP_BG	2	OFF	40.0
38	TRACYPGAE_BG	2	OFF	2668.0

40	VICTVL_BG	2 OFF	1461.0
41	WSLYTESLA_BG	2 OFF	152.3
42	WSTLYLSBN_BG	2 OFF	152.3
43	WSTWGMEAD_BG	2 OFF	36.1
103	SYLMAR-AC_BG	2 OFF	808.8
1	ADLANTOSP_BG	2 ON	747.0
2	BLYTHE_BG	2 ON	65.3
3	CASCADE_BG	2 ON	58.5
4	CFE_BG	2 ON	582.0
5	CTNWDRDMT_BG	2 ON	269.3
6	CTNWDWAPA_BG	2 ON	1040.1
7	ELDORADO_BG	2 ON	264.8
8	GONDIPDC_BG	2 ON	9.8
9	IID-SCE_BG	2 ON	58.4
10	IID-SDGE_BG	2 ON	122.3
11	IPPD CADLN_BG	2 ON	471.0
12	LAUGHLIN_BG	2 ON	166.6
13	LLNLTESLA_BG	2 ON	119.3
15	MCCLMKTPC_BG	2 ON	498.8
16	MCCULLGH_BG	2 ON	1653.0
17	MEAD_BG	2 ON	170.2
18	MEADMKTPC_BG	2 ON	324.0
19	MEADTMEAD_BG	2 ON	132.8
20	MERCHANT_BG	2 ON	323.9
21	MKTPCADLN_BG	2 ON	307.5
22	MONAIPDC_BG	2 ON	333.0
23	N.GILABK4_BG	2 ON	120.1
24	NOB_BG	2 ON	1037.9
25	OAKDALSUB_BG	2 ON	119.3
27	PACI_BG	2 ON	287.6
28	PALOVRDE_BG	2 ON	307.1
29	PARKER_BG	2 ON	159.8
32	RNCHLAKE_BG	2 ON	924.8
33	SILVERPK_BG	2 ON	12.0
34	STNDFDSTN_BG	2 ON	230.3
35	SUMMIT_BG	2 ON	51.0
37	TRACYCOTP_BG	2 ON	67.5
38	TRACYPGAE_BG	2 ON	2717.4
40	VICTVL_BG	2 ON	1388.5
41	WSLYTESLA_BG	2 ON	152.3
42	WSTLYLSBN_BG	2 ON	152.3
43	WSTWGMEAD_BG	2 ON	33.0
103	SYLMAR-AC_BG	2 ON	797.6
1	ADLANTOSP_BG	3 OFF	753.8
2	BLYTHE_BG	3 OFF	65.3
3	CASCADE_BG	3 OFF	38.5
4	CFE_BG	3 OFF	582.0
5	CTNWDRDMT_BG	3 OFF	232.5
6	CTNWDWAPA_BG	3 OFF	1061.8
7	ELDORADO_BG	3 OFF	553.5
8	GONDIPDC_BG	3 OFF	9.8
9	IID-SCE_BG	3 OFF	58.4
10	IID-SDGE_BG	3 OFF	20.6
11	IPPD CADLN_BG	3 OFF	471.0
12	LAUGHLIN_BG	3 OFF	166.6
13	LLNLTESLA_BG	3 OFF	108.0
15	MCCLMKTPC_BG	3 OFF	498.8

16	MCCULLGH_BG	3 OFF	1890.0
17	MEAD_BG	3 OFF	74.0
18	MEADMKTPC_BG	3 OFF	324.0
19	MEADTMEAD_BG	3 OFF	132.8
20	MERCHANT_BG	3 OFF	349.7
21	MKTPCADLN_BG	3 OFF	307.5
22	MONAIPPDC_BG	3 OFF	333.0
23	N.GILABK4_BG	3 OFF	119.9
24	NOB_BG	3 OFF	1106.0
25	OAKDALSUB_BG	3 OFF	119.3
27	PACI_BG	3 OFF	1040.0
28	PALOVRDE_BG	3 OFF	236.9
29	PARKER_BG	3 OFF	48.3
32	RNCHLAKE_BG	3 OFF	849.6
33	SILVERPK_BG	3 OFF	12.0
34	STNDFDSTN_BG	3 OFF	230.3
35	SUMMIT_BG	3 OFF	51.0
37	TRACYCOTP_BG	3 OFF	0.0
38	TRACYPGAE_BG	3 OFF	2607.5
40	VICTVL_BG	3 OFF	1399.3
41	WSLYTESLA_BG	3 OFF	152.3
42	WSTLYLSBN_BG	3 OFF	152.3
43	WSTWGMEAD_BG	3 OFF	36.1
103	SYLMAR-AC_BG	3 OFF	765.6
1	ADLANTOSP_BG	3 ON	753.8
2	BLYTHE_BG	3 ON	65.3
3	CASCADE_BG	3 ON	29.3
4	CFE_BG	3 ON	482.0
5	CTNWDRDMT_BG	3 ON	182.5
6	CTNWDWAPA_BG	3 ON	1062.3
7	ELDORADO_BG	3 ON	553.5
8	GONDIPPDC_BG	3 ON	9.8
9	IID-SCE_BG	3 ON	58.4
10	IID-SDGE_BG	3 ON	142.9
11	IPPDCADLN_BG	3 ON	471.0
12	LAUGHLIN_BG	3 ON	166.6
13	LLNLTESLA_BG	3 ON	108.0
15	MCCLMKTPC_BG	3 ON	498.8
16	MCCULLGH_BG	3 ON	1890.0
17	MEAD_BG	3 ON	169.5
18	MEADMKTPC_BG	3 ON	324.0
19	MEADTMEAD_BG	3 ON	132.8
20	MERCHANT_BG	3 ON	279.8
21	MKTPCADLN_BG	3 ON	307.5
22	MONAIPPDC_BG	3 ON	333.0
23	N.GILABK4_BG	3 ON	119.9
24	NOB_BG	3 ON	853.3
25	OAKDALSUB_BG	3 ON	119.3
27	PACI_BG	3 ON	553.5
28	PALOVRDE_BG	3 ON	118.7
29	PARKER_BG	3 ON	159.8
32	RNCHLAKE_BG	3 ON	924.8
33	SILVERPK_BG	3 ON	12.0
34	STNDFDSTN_BG	3 ON	230.3
35	SUMMIT_BG	3 ON	51.0
37	TRACYCOTP_BG	3 ON	89.8
38	TRACYPGAE_BG	3 ON	2767.4

40	VICTVL_BG	3	ON	1324.0
41	WSLYTESLA_BG	3	ON	152.3
42	WSTLYLSBN_BG	3	ON	152.3
43	WSTWGMEAD_BG	3	ON	33.0
103	SYLMAR-AC_BG	3	ON	692.7
1	ADLANTOSP_BG	4	OFF	753.8
2	BLYTHE_BG	4	OFF	65.3
3	CASCADE_BG	4	OFF	58.5
4	CFE_BG	4	OFF	582.0
5	CTNWDRDMT_BG	4	OFF	232.5
6	CTNWDWAPA_BG	4	OFF	1071.4
7	ELDORADO_BG	4	OFF	137.1
8	GONDIPDC_BG	4	OFF	12.8
9	IID-SCE_BG	4	OFF	74.1
10	IID-SDGE_BG	4	OFF	20.6
11	IPPD CADLN_BG	4	OFF	471.0
12	LAUGHLIN_BG	4	OFF	166.6
13	LLNLTESLA_BG	4	OFF	108.0
15	MCCLMKTPC_BG	4	OFF	498.8
16	MCCULLGH_BG	4	OFF	1890.0
17	MEAD_BG	4	OFF	74.0
18	MEADMKTPC_BG	4	OFF	324.0
19	MEADTMEAD_BG	4	OFF	132.8
20	MERCHANT_BG	4	OFF	349.7
21	MKTPCADLN_BG	4	OFF	307.5
22	MONAIPDC_BG	4	OFF	392.3
23	N.GILABK4_BG	4	OFF	119.9
24	NOB_BG	4	OFF	414.8
25	OAKDALSUB_BG	4	OFF	193.5
27	PACI_BG	4	OFF	990.8
28	PALOVRDE_BG	4	OFF	377.6
29	PARKER_BG	4	OFF	159.8
32	RNCHLAKE_BG	4	OFF	807.7
33	SILVERPK_BG	4	OFF	12.0
34	STNDFDSTN_BG	4	OFF	324.8
35	SUMMIT_BG	4	OFF	51.0
37	TRACYCOTP_BG	4	OFF	56.8
38	TRACYPGAE_BG	4	OFF	2572.1
40	VICTVL_BG	4	OFF	1514.4
41	WSLYTESLA_BG	4	OFF	169.5
42	WSTLYLSBN_BG	4	OFF	169.5
43	WSTWGMEAD_BG	4	OFF	36.1
103	SYLMAR-AC_BG	4	OFF	802.5
1	ADLANTOSP_BG	4	ON	753.8
2	BLYTHE_BG	4	ON	65.3
3	CASCADE_BG	4	ON	31.5
4	CFE_BG	4	ON	582.0
5	CTNWDRDMT_BG	4	ON	232.5
6	CTNWDWAPA_BG	4	ON	1050.8
7	ELDORADO_BG	4	ON	230.5
8	GONDIPDC_BG	4	ON	12.8
9	IID-SCE_BG	4	ON	62.5
10	IID-SDGE_BG	4	ON	142.9
11	IPPD CADLN_BG	4	ON	471.0
12	LAUGHLIN_BG	4	ON	166.6
13	LLNLTESLA_BG	4	ON	108.0
15	MCCLMKTPC_BG	4	ON	498.8

