

APPENDIX 5.1G

## Offset Listing

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# Offset Listing

Table 5.1G-1 (on the following page) presents the most recent listing of ERCs currently held in the SDAPCD bank as of January 2, 2007.

The MMC project, pursuant to the APCD NSR rule is **not** required to purchase or acquire sufficient emission reduction credits to offset the proposed project emissions due to its continuing status as a non-major source. NSR rule required amounts of ERCs are delineated in Table 5.1G-2

TABLE 5.1G-2 SDAPCD EMISSION BANK CREDITS REQUIRED BY MMC  
Emission Reduction Credits (lbs/yr)

	PM <sub>10</sub>	VOC	NO <sub>x</sub>	SO <sub>2</sub>	CO
Total Emission Credits Required to Mitigate MMC Project Emissions Per District NSR Rule	0	0	0	0	0

\* Values derived from Section 8.1.

MMC currently holds no ERC certificates or other forms of mitigation.

TABLE 5.1G-3 SDAPCD EMISSION BANK CREDITS HELD BY MMC AS OF AFC SUBMITTAL DATE  
Emission Reduction Credits (lbs/yr)

	PM <sub>10</sub>	VOC	NO <sub>x</sub>	SO <sub>2</sub>	CO
Total Emission Credits Held/Owned by MMC at time of AFC/AQMD Application Submittal	0	0	0	0	0

## MMC Proposed Mitigation Program

MMC is proposing to take credit, on a “potential to emit” basis, for the emissions reductions that will occur as a result of the turbine replacement project. The differences in emissions is noted in table 5.1G-4 below: (see Table 5.1-9)

TABLE 5.1G-4  
PTE Comparison (tons per year)

Pollutant	Current Facility	Proposed Facility	Difference*
NO <sub>x</sub>	32.6	32.5	- 0.1
CO	249.97	40.3	- 209.67
VOC	4.4	6.6	+ 2.2
SO <sub>x</sub>	3.7	6.3	+ 2.6
PM <sub>10</sub>	10.51	28.7	+ 18.2

\* approximate emissions increases and decreases

In addition, MMC is proposing to further lower the proposed emissions values for PM10 from a value of 5 lbs/hr to 3 lbs/hr, and decrease the annual operation hours to bring the new facility potential to emit values in line with the existing PTE values for the current facility for PM10, SO<sub>x</sub>, and VOC. In order to accomplish this, the annual hours would be reduced to 4000, i.e., 3500 base load hours with 500 hours for startup/shutdown. This would result in the new facility PTE being either, equal to, slightly greater than, or in some cases significantly less than the current facility PTE, and should delete the CEQA requirement for any additional mitigation measures. The result of these proposed changes results in Table 5.1G-4 being revised to the following:

TABLE 5.1G-5  
Revised PTE Comparison (tons per year)

<b>Pollutant</b>	<b>Current Facility</b>	<b>Proposed Facility</b>	<b>Difference*</b>
NO <sub>x</sub>	32.6	23.2	-9.4
CO	249.97	29.9	-220.1
VOC	4.4	5.0	+0.6
SO <sub>x</sub>	3.7	4.8	+1.1
PM <sub>10</sub>	10.51	13.2	+2.69

\* approximate emissions increases and decreases

Table 5.1 G-1 (8 Pages)

## San Diego APCD ERC Banking Registry Summary

last update: January 2, 2007

"Subject to Verification"

CLASS A - ACTIVE ERC'S (TPY)				Cumulative Totals	
Company Name	Certificate No.	NOx	VOC	NOx	VOC
Cabrito Power II, LLC	978938-05	35.30		35.30	0.00
Carpenter Special Products Corporation	973125-01		7.2	35.30	7.20
Caspian, Inc.	890712-07		16.90	35.30	24.10
City of San Diego, Metropolitan Wastewater Dept.	950766-06		0.38	35.30	24.48
	970821-02		22.76	35.30	47.24
General Dynamics Properties, Inc.	970809-02	1.26		36.56	47.24
	970809-05		0.23	36.56	47.47
Grey K. Environmental Fund, LP	983809-01		25.10	36.56	72.57
	060328-01	1.90		38.46	72.57
	060328-02	2.20		40.66	72.57
	060328-03		2.90	40.66	75.47
	060328-04		0.54	40.66	76.01
	060328-05		0.10	40.66	76.11
	060328-06		0.30	40.66	76.41
	060803-02		38.70	40.66	115.11
Hanson Aggregates, Pacific SW Region	980772-01	0.93		41.59	115.11
	980772-03		0.26	41.59	115.37
Hughes-Aircraft Co., Electro-Opti Cal Systems	940261-01		1.06	41.59	116.43
	940261-02		0.22	41.59	116.65
Muht-Hei, Inc.	981002-01		0.18	41.59	116.83
	981002-02		0.18	41.59	117.01

<b>CLASS A - ACTIVE ERC'S (TPY)</b>				<b>Cumulative Totals</b>	
<b>Company Name</b>	<b>Certificate No.</b>	<b>NOx</b>	<b>VOC</b>	<b>NOx</b>	<b>VOC</b>
	981002-03		0.18	41.59	117.19
	981002-04		0.18	41.59	117.37
	981002-05		0.57	41.59	117.94
	981002-06		0.19	41.59	118.13
	981002-07		2.23	41.59	120.36
	981002-08		1.28	41.59	121.64
	981002-09		0.18	41.59	121.82
	981002-10		2.07	41.59	123.89
	981002-11		1.28	41.59	125.17
	981002-12		0.57	41.59	125.74
National Steel & Shipbuilding	40995-02	0.18		41.77	125.74
	40995-03		0.60	41.77	126.34
	40996-02	0.04		41.81	126.34
	40997-02	0.32		42.13	126.34
	40997-03		0.02	42.13	126.36
Naval Air Station, North Island	991014-01	8.00		50.13	126.36
	991015-01	3.30		53.43	126.36
	991016-01	18.70		72.13	126.36
	950949-01	4.83		76.96	126.36
	940206-01	0.67		77.63	126.36
	940206-03		0.05	77.63	126.41
	990223-01	12.02		89.65	126.41
Northrop-Grumman Ryan Aeronautical Center	975000-01		1.20	89.65	127.61
Otay Mesa Generating Co., LLC	990902-01	1.21		90.86	127.61
	991123-01		17.05	90.86	144.66
	000128-01		25.00	90.86	169.66
	000427-01	1.30		92.16	169.66

<b>CLASS A - ACTIVE ERC'S (TPY)</b>				<b>Cumulative Totals</b>	
<b>Company Name</b>	<b>Certificate No.</b>	<b>NOx</b>	<b>VOC</b>	<b>NOx</b>	<b>VOC</b>
	000427-02		30.10	92.16	199.76
	000918-01		10.30	92.16	210.06
	000224-01	4.40		96.56	210.06
	010629-01	0.32		96.88	210.06
	010629-02	2.39		99.27	210.06
PGET	020906-01		20.70	99.27	230.76
Rohr, Inc., a subsidiary of BFGoodrich Co.	972754-01		5.30	99.27	236.06
	978689-02	1.10		100.37	236.06
	978689-03		0.20	100.37	236.26
Shipyards Supplies, Inc.	06-0824-02		1.00	100.37	237.26
SDG&E	979298-01	14.72		115.09	237.26
	983811-01	4.00		119.09	237.26
	060324-01		0.40	119.09	237.66
	060324-02	19.90		138.99	237.66
Solar Turbines	970123-04	10.00		148.99	237.66
	950562-01		0.60	148.99	238.26
Southern California Edison Company	950171-01	0.51		149.50	238.26
	950171-03		0.02	149.50	238.28
STMicroelectronics	978887-02	1.20		150.70	238.28
	978887-03		0.10	150.70	238.38
	978888-01		12.30	150.70	250.68
Surface Technologies	990325-01		1.48	150.70	252.16
United States Marine Corps	030507-01	3.00		153.70	252.16
US Foam	974375-03		0.10	153.70	252.26
SW Division, Naval Facilities Engineering Cmd.	954185-01		2.00	153.70	254.26
	960709-01		9.00	153.70	263.26
	970311-01		13.00	153.70	276.26
	980511-03		3.15	153.70	279.41

<b>CLASS A - ACTIVE ERC'S (TPY)</b>				<b>Cumulative Totals</b>	
<b>Company Name</b>	<b>Certificate No.</b>	<b>NOx</b>	<b>VOC</b>	<b>NOx</b>	<b>VOC</b>
	980521-02		13.25	153.70	292.66
	980529-02		7.40	153.70	300.06
Unisys Corporation	901238-01		3.66	153.70	303.72
	921410-01		1.25	153.70	304.97
	940577-01		2.95	153.70	307.92
USN Communications Station	940560-01	2.40		156.10	307.92
	940560-04		0.05	156.10	307.97
	940561-01	0.12		156.22	307.97
	940561-03		0.00	156.22	307.97
	940562-01	0.12		156.34	307.97
	940562-03		0.00	156.34	307.97
Veterans Administration Hospital	979555-01	1.90		158.24	307.97
<b>TOTALS (tons/year) =</b>				158.24	307.97

# San Diego APCD ERC Banking Registry Summary

last update: Janury 2, 2007  
"Subject to Verification"

CLASS A - ACTIVE ERC's (TPY)					Cumulative Totals		
Company Name	Certificate No.	PM10	CO	SOx	PM10	CO	SOx
Cabrillo Power II, LLC	978938-02		15.2		0.00	15.20	0.00
	978938-03	2.8			2.80	15.20	0.00
	978938-04			8.1	2.80	15.20	8.10
City of San Diego, Metropolitan Wastewater Dept.	950766-02		1.88		2.80	17.08	8.10
	950766-04	0.63			3.43	17.08	8.10
General Dynamics, Convair	951022-01		64.80		3.43	81.88	8.10
	951022-04			0.10	3.43	81.88	8.20
	951022-07	1.50			4.93	81.88	8.20
General Dynamics Properties, Inc.	970809-01		1.17		4.93	83.05	8.20
	970809-03	0.46			5.39	83.05	8.20
	970809-04			0.02	5.39	83.05	8.22
Grey K Environmental Fund, LP	060328-10		0.70		5.39	83.75	8.22
	060328-08	0.20			5.59	83.75	8.22
	060328-09		2.00		5.59	85.75	8.22
	060328-07	0.40			5.99	85.75	8.22
Hanson Aggregates, Pacific SW Region	980772-02		2.20		5.99	87.95	8.22
	980772-04	0.09			6.08	87.95	8.22
H. G. Fenton Material Co.	41106-03	129.10			135.18	87.95	8.22
	930902-02		3.85		135.18	91.80	8.22
	930902-04	1.06			136.24	91.80	8.22
	930902-05			1.00	136.24	91.80	9.22
	975070-01		1.10		136.24	92.90	9.22
	975070-03	0.10			136.34	92.90	9.22

<b>CLASS A - ACTIVE ERC's (TPY)</b>					<b>Cumulative Totals</b>		
<b>Company Name</b>	<b>Certificate No.</b>	<b>PM10</b>	<b>CO</b>	<b>SOx</b>	<b>PM10</b>	<b>CO</b>	<b>SOx</b>
	975070-04			0.10	136.34	92.90	9.32
	975733-01		1.60		136.34	94.50	9.32
	975733-03	0.20			136.54	94.50	9.32
Jack Brunton	973039-02		24.20		136.54	118.70	9.32
National Steel & Shipbuilding	40994-01	0.10			136.64	118.70	9.32
	40995-01	0.09			136.73	118.70	9.32
	40995-05			0.27	136.73	118.70	9.59
	40995-06		3.40		136.73	122.10	9.59
	40996-01	0.01			136.74	122.10	9.59
	40996-03		0.02		136.74	122.12	9.59
	40996-04			0.35	136.74	122.12	9.94
	40997-01	0.45			137.19	122.12	9.94
	40997-04		0.06		137.19	122.18	9.94
	40997-05			0.04	137.19	122.18	9.98
	0.03 tpy of Lead (Pb)	40997-06			137.19	122.18	9.98
Naval Station, San Diego	950949-02		0.75		137.19	122.93	9.98
	950949-03	1.09			138.28	122.93	9.98
	940206-02	0.04			138.32	122.93	9.98
	940206-04		0.12		138.32	123.05	9.98
	940206-05			0.04	138.32	123.05	10.02
	040203-01		0.60		138.32	123.65	10.02
	040203-02	0.10			138.42	123.65	10.02
	978227-01		0.90		138.42	124.55	10.02
	978227-03	0.10			138.52	124.55	10.02
	981024-02	0.17			138.69	124.55	10.02
	981024-04		0.37		138.69	124.92	10.02
	981024-05				138.69	124.92	10.11

CLASS A - ACTIVE ERC's (TPY)					Cumulative Totals		
Company Name	Certificate No.	PM10	CO	SOx	PM10	CO	SOx
	981954-01		4.52		138.69	129.44	10.11
	981954-03			0.28	138.69	129.44	10.39
	981954-04	0.61			139.30	129.44	10.39
Ralston Purina	50055-01	0.50			139.80	129.44	10.39
	50055-02			4.60	139.80	129.44	14.99
	50055-05		3.40		139.80	132.84	14.99
Rohr, Inc., a subsidiary of BFGoodrich Co.	978689-01		1.30		139.80	134.14	14.99
	978689-04	0.30			140.10	134.14	14.99
	978689-05			0.30	140.10	134.14	15.29
SDG&E	921291-03		55.30		140.10	189.44	15.29
	921291-04	2.90			143.00	189.44	15.29
	979298-02		13.83		143.00	203.27	15.29
South Coast Materials Company	940101-01	10.80			153.80	203.27	15.29
Southern California Edison Company	950171-02		0.11		153.80	203.38	15.29
	950171-04	0.01			153.81	203.38	15.29
	950171-05			0.10	153.81	203.38	15.39
STMicroelectronics, Inc.	978887-01		1.50		153.81	204.88	15.39
	978887-04	0.10			153.91	204.88	15.39
SW Division, Naval Facilities Engineering Cmd.	970312-01	2.00			155.91	204.88	15.39
	974375-02		1.10		155.91	205.98	15.39
	974375-05	0.10			156.01	205.98	15.39
USN Communications Station	940560-02			0.49	156.01	205.98	15.88
	940560-03	0.34			156.35	205.98	15.88
	940560-05		1.05		156.35	207.03	15.88
	940561-02		0.03		156.35	207.06	15.88
	940561-04			0.01	156.35	207.06	15.89
	940561-05	0.00			156.35	207.06	15.89

CLASS A - ACTIVE ERC's (TPY)					Cumulative Totals		
Company Name	Certificate No.	PM10	CO	SOx	PM10	CO	SOx
	940562-02		0.03		156.35	207.09	15.89
	940562-04			0.01	156.35	207.09	15.91
	940562-05	0.00			156.36	207.09	15.91
					PM10	CO	Sox
	TOTALS (tons/year)=				156.36	207.09	15.91