

DAYTIME ALLOCATION INFORMATION
KGDP, OILDALE, CALIFORNIA
660 kHz – 6 KW N/8 kW D – DA-2

*Exhibit 15 - Form 301, Section III-A AM Engineering
Technical Specifications*

INDEX OF STATIONS
SHOWN IN THE ALLOCATION SITUATION
FOR THE PROPOSED 8 KW DAYTIME OPERATION OF
KGDP, OILDALE, CALIFORNIA
SEPTEMBER 2006

<u>Call</u>	<u>Frequency</u>	<u>Location</u>
	KHz	
KGDP	660	Oildale, CA
KSTE	650	Rancho Cordova, CA
KIRN (lic)	670	Simi Valley, CA
KFI	640	Los Angeles, CA
KIDD	630	Monterey, CA

Conductivity Basis for Contour

KGDP	FCC Figure M-3, field strength measurement data; KGDP FCC 301 application dated July 1994. KAFY antenna proof of performance data and field strength data shown in October 2004 application. Appendix A (attached)
KSTE ¹	FCC Figure M-3
KIRN (Lic) ²	FCC Figure M-3, measurement data and antenna proof of performance shown in October 2004 Application.
KFI ³	FCC Figure M-3.
KIDD ⁴	FCC Figure M-3.

¹ Tabulation of azimuth radiation, ground conductivities and distance to contours unchanged from those shown in the December 2005 KGDP engineering report.

² Tabulation of azimuth radiation, ground conductivities and distance to contours unchanged from those shown in the December 2005 KGDP engineering report.

³ Tabulation of azimuth radiation, ground conductivities and distance to contours unchanged from those shown in the December 2005 KGDP engineering report.

⁴ Tabulation of azimuth radiation, ground conductivities and distance to contours unchanged from those shown in the December 2005 KGDP engineering report.

TABULATION OF
AZIMUTH RADIATION AND GROUND CONDUCTIVITIES
FOR THE PROPOSED 8 KW DAYTIME OPERATION OF
KGDP, OILDALE, CALIFORNIA
SEPTEMBER 2006
 (Page 1 of 6)

Call: KGDP (Proposed and Authorized)

OILDALE, CA

Frequency: 660 kHz

Latitude: 35-27-10 N

Longitude: 118-56-40 W

Conductivity Database Used: US M3

Ground Conductivity Data:										
Region conductivity in mS/m followed by distance in km										
Azimuth	to the end of region. E - map data; M - measurement data.									
0.0	5.0M	49.3	3.0M	92.0	2.0M	149.9	2.0E	249.6	4.0E	395.1
	8.0E	408.2	4.0E	585.4	8.0E	710.1	4.0E	1000.0		
4.0	5.0M	49.3	3.0M	92.0	2.0M	149.9	2.0E	226.4	4.0E	602.7
	8.0E	708.3	4.0E	1000.0						
4.1	5.0M	49.3	3.0M	92.0	2.0M	149.9	2.0E	225.9	4.0E	602.9
	8.0E	708.3	4.0E	1000.0						
5.0	5.0M	49.3	3.0M	92.0	2.0M	149.9	2.0E	222.0	4.0E	603.9
	8.0E	707.9	4.0E	1000.0						
10.0	5.0M	49.3	3.0M	92.0	2.0M	149.9	2.0E	203.2	4.0E	618.3
	8.0E	707.3	4.0E	917.6	8.0E	975.5	4.0E	1000.0		
15.0	5.0M	49.3	3.0M	92.0	2.0M	149.9	2.0E	188.7	4.0E	932.9
20.0	5.0M	49.3	3.0M	92.0	2.0M	149.9	2.0E	177.1	4.0E	904.0
20.1	8.0E	48.6	4.0E	64.1	2.0E	176.8	4.0E	903.5	8.0E	1000.0
25.0	8.0E	43.0	4.0E	67.9	2.0E	164.5	4.0E	782.1	8.0E	1000.0
30.0	8.0E	38.7	4.0E	73.0	2.0E	154.8	4.0E	741.0	8.0E	1000.0
35.0	8.0E	35.4	4.0E	79.7	2.0E	143.2	4.0E	711.0	8.0E	848.3
	15.0E	869.2	8.0E	1000.0						
40.0	8.0E	32.9	4.0E	88.5	2.0E	133.4	4.0E	699.8	8.0E	767.6
45.0	8.0E	30.9	4.0E	100.3	2.0E	122.8	4.0E	566.6	15.0E	853.1
	4.0E	909.2	2.0E	920.3	8.0E	966.2	15.0E	1000.0		
50.0	8.0E	29.4	4.0E	528.6	15.0E	827.2	4.0E	852.5	15.0E	892.6
55.0	8.0E	28.2	4.0E	250.8	8.0E	252.6	4.0E	488.3	15.0E	686.0
	8.0E	830.0	15.0E	867.2	4.0E	931.5	15.0E	1000.0		
60.0	8.0E	27.3	4.0E	246.9	8.0E	368.3	4.0E	388.2	15.0E	647.5
	8.0E	759.1	15.0E	872.9	4.0E	935.9	8.0E	1000.0		
65.0	8.0E	26.7	4.0E	243.6	8.0E	349.1	15.0E	549.0	30.0E	665.5
	8.0E	800.3	15.0E	924.9	4.0E	940.5	15.0E	1000.0		
69.4	8.0E	26.3	4.0E	240.2	8.0E	348.7	15.0E	529.1	8.0E	561.2
	30.0E	693.4	8.0E	732.7	15.0E	852.6	4.0E	1000.0		
69.5	2.0M	143.8	4.0E	240.0	8.0E	348.8	15.0E	528.5	8.0E	561.7
	30.0E	694.2	8.0E	727.7	15.0E	852.7	4.0E	1000.0		
70.0	2.0M	143.8	4.0E	239.4	8.0E	348.9	15.0E	525.5	8.0E	564.1
	30.0E	697.9	8.0E	714.1	15.0E	854.5	4.0E	1000.0		
75.0	2.0M	143.8	4.0E	232.1	8.0E	348.9	15.0E	496.8	8.0E	644.7
	15.0E	721.8	8.0E	820.2	15.0E	930.1	4.0E	1000.0		

TABULATION OF
AZIMUTH RADIATION AND GROUND CONDUCTIVITIES
FOR THE PROPOSED 8 kW DAYTIME OPERATION OF
KGDP, OILDALE, CALIFORNIA
SEPTEMBER 2006

(Page 2 of 6)

Ground Conductivity Data:

Region conductivity in mS/m followed by distance in km
 Azimuth to the end of region. E - map data; M - measurement data.

79.4	2.0M	143.8	4.0E	176.6	8.0E	348.4	15.0E	478.7	8.0E	637.9
	15.0E	733.8	8.0E	889.9	15.0E	1000.0				
79.5	6.0M	4.6	3.0M	25.4	1.0M	89.4	1.5M	123.3	4.0E	175.1
	8.0E	348.3	15.0E	478.4	8.0E	638.4	15.0E	734.2	8.0E	891.2
80.0	6.0M	4.6	3.0M	25.4	1.0M	89.4	1.5M	123.3	4.0E	167.7
	8.0E	348.3	15.0E	477.3	8.0E	640.8	15.0E	736.1	8.0E	897.7
85.0	6.0M	4.6	3.0M	25.4	1.0M	89.4	1.5M	123.3	4.0E	133.9
	8.0E	349.9	15.0E	473.0	8.0E	670.3	15.0E	762.1	8.0E	971.8
89.5	6.0M	4.6	3.0M	25.4	1.0M	89.4	1.5M	123.3	8.0E	357.3
	15.0E	478.2	8.0E	699.4	15.0E	864.6	8.0E	1000.0		
89.6	6.0M	4.6	3.0M	25.4	1.0M	89.4	1.5M	123.3	8.0E	357.6
	15.0E	478.3	8.0E	700.1	15.0E	865.3	8.0E	1000.0		
90.0	6.0M	4.6	3.0M	25.4	1.0M	89.4	1.5M	123.3	8.0E	358.7
	15.0E	479.0	8.0E	703.0	15.0E	868.2	8.0E	1000.0		
91.9	6.0M	4.6	3.0M	25.4	1.0M	89.4	1.5M	123.3	8.0E	364.1
	15.0E	483.0	8.0E	719.5	15.0E	885.3	8.0E	1000.0		
92.0	3.0M	35.0	1.5M	193.6	8.0E	364.4	15.0E	483.3	8.0E	720.8
95.0	3.0M	35.0	1.5M	193.6	8.0E	372.9	15.0E	494.4	8.0E	783.7
	15.0E	904.0	4.0E	930.5	8.0E	1000.0				
99.5	3.0M	35.0	1.5M	193.6	8.0E	387.3	15.0E	515.5	8.0E	843.9
	4.0E	981.7	8.0E	1000.0						
99.6	3.0M	35.0	1.5M	193.6	8.0E	387.7	15.0E	516.3	8.0E	845.2
	4.0E	981.9	8.0E	1032.5						
100.0	3.0M	35.0	1.5M	193.6	8.0E	389.2	15.0E	519.6	8.0E	850.6
	4.0E	982.8	8.0E	1013.6						
103.9	3.0M	35.0	1.5M	193.6	8.0E	401.9	15.0E	583.8	8.0E	937.6
104.0	15.0M	10.0	5.0M	22.0	1.5M	90.1	8.0E	402.2	15.0E	585.9
105.0	15.0M	10.0	5.0M	22.0	1.5M	90.1	8.0E	405.9	15.0E	648.9
110.0	15.0M	10.0	5.0M	22.0	1.5M	90.1	8.0E	423.6	15.0E	856.4
112.0	15.0M	10.0	5.0M	22.0	1.5M	90.1	8.0E	403.8	15.0E	886.6
112.1	15.0M	10.0	5.0M	22.0	1.5M	90.1	8.0E	402.8	15.0E	887.3
115.0	15.0M	10.0	5.0M	22.0	1.5M	90.1	8.0E	375.9	15.0E	861.7
	8.0E	984.4	4.0E	1000.0						
120.0	15.0M	10.0	5.0M	22.0	1.5M	90.1	8.0E	345.2	15.0E	560.4
	8.0E	643.9	15.0E	790.8	8.0E	855.3	4.0E	1000.0		
123.9	15.0M	10.0	5.0M	22.0	1.5M	90.1	8.0E	214.1	4.0E	264.4
	2.0E	331.0	15.0E	524.4	8.0E	667.1	4.0E	1000.0		
124.0	20.0M	2.0	15.0M	18.0	10.0M	33.0	5.0M	49.0	3.0M	66.0
	1.5M	86.0	8.0E	213.3	4.0E	264.5	2.0E	330.7	15.0E	523.2
	8.0E	663.3	4.0E	1000.0						
124.1	20.0M	2.0	15.0M	18.0	10.0M	33.0	5.0M	49.0	3.0M	66.0
	1.5M	86.0	8.0E	212.5	4.0E	264.5	2.0E	330.4	15.0E	521.9
	8.0E	659.5	4.0E	1000.0						
125.0	20.0M	2.0	15.0M	18.0	10.0M	33.0	5.0M	49.0	3.0M	66.0
	1.5M	86.0	8.0E	205.9	4.0E	264.8	2.0E	328.0	15.0E	513.7
	8.0E	627.4	4.0E	1000.0						

TABULATION OF
AZIMUTH RADIATION AND GROUND CONDUCTIVITIES
FOR THE PROPOSED 8 kW DAYTIME OPERATION OF
KGDP, OILDALE, CALIFORNIA
SEPTEMBER 2006

(Page 3 of 6)

Ground Conductivity Data:

Region conductivity in mS/m followed by distance in km
 Azimuth to the end of region. E - map data; M - measurement data.

130.0	20.0M	2.0	15.0M	18.0	10.0M	33.0	5.0M	49.0	3.0M	66.0
	1.5M	86.0	8.0E	175.7	4.0E	274.0	2.0E	323.9	15.0E	466.2
	3.0E	500.9	4.0E	699.9	5000.0E	732.0	4.0E	1000.0		
135.0	20.0M	2.0	15.0M	18.0	10.0M	33.0	5.0M	49.0	3.0M	66.0
	1.5M	86.0	8.0E	150.3	4.0E	432.2	3.0E	531.1	4.0E	562.8
140.0	20.0M	2.0	15.0M	18.0	10.0M	33.0	5.0M	49.0	3.0M	66.0
	1.5M	86.0	8.0E	128.4	4.0E	200.3	8.0E	290.6	4.0E	406.6
142.9	20.0M	2.0	15.0M	18.0	10.0M	33.0	5.0M	49.0	3.0M	66.0
	1.5M	86.0	8.0E	116.8	4.0E	187.3	8.0E	348.3	4.0E	394.5
	3.0E	682.7	5000.0E	823.6	3.0E	851.0	5000.0E	888.3	3.0E	907.0
143.0	10.0M	36.4	3.0M	90.0	2.0M	123.9	4.0E	186.9	8.0E	350.1
	4.0E	394.1	3.0E	684.6	5000.0E	813.7	3.0E	856.1	5000.0E	887.9
144.0	10.0M	36.4	3.0M	90.0	2.0M	123.9	4.0E	183.4	8.0E	369.9
	4.0E	390.3	3.0E	703.1	5000.0E	765.8	3.0E	1000.0		
144.1	10.0M	36.4	3.0M	90.0	2.0M	123.9	4.0E	183.1	8.0E	372.0
	4.0E	389.9	3.0E	704.6	5000.0E	765.5	3.0E	1000.0		
145.0	10.0M	36.4	3.0M	90.0	2.0M	123.9	4.0E	180.2	8.0E	386.7
	3.0E	1000.0								
150.0	10.0M	36.4	3.0M	90.0	2.0M	123.9	4.0E	164.3	8.0E	214.0
	15.0E	280.1	5000.0E	308.6	15.0E	371.4	3.0E	772.0	5000.0E	939.6
155.0	10.0M	36.4	3.0M	90.0	2.0M	123.9	4.0E	124.6	8.0E	132.0
	4.0E	150.0	8.0E	177.4	15.0E	226.6	5000.0E	925.3	3.0E	944.3
157.9	10.0M	36.4	3.0M	90.0	2.0M	123.9	8.0E	164.3	15.0E	202.5
	5000.0E	1000.0								
158.0	10.0M	20.5	15.0M	48.0	7.0M	68.1	5.0M	95.0	3.0M	117.9
	4.0E	121.6	8.0E	164.2	15.0E	202.3	5000.0E	1000.0		
160.0	10.0M	36.4	3.0M	90.0	2.0M	123.9	8.0E	161.7	15.0E	198.7
	5000.0E	1000.0								
162.9	10.0M	36.4	3.0M	90.0	2.0M	123.9	8.0E	158.6	15.0E	199.9
	5000.0E	1000.0								
163.0	10.0M	20.5	15.0M	40.5	10.0M	54.5	7.0M	78.8	3.0M	117.9
	4.0E	118.5	8.0E	158.5	15.0E	199.6	5000.0E	1000.0		
163.1	10.0M	20.5	15.0M	40.5	10.0M	54.5	7.0M	78.8	3.0M	117.9
	4.0E	118.5	8.0E	158.4	15.0E	199.3	5000.0E	1000.0		
165.0	10.0M	20.5	15.0M	40.5	10.0M	54.5	7.0M	78.8	3.0M	117.9
	8.0E	156.8	15.0E	167.7	5000.0E	190.8	15.0E	194.6	5000.0E	1000.0
170.0	10.0M	20.5	15.0M	40.5	10.0M	54.5	7.0M	78.8	3.0M	117.9
	8.0E	158.7	5000.0E	1000.0						
171.9	10.0M	20.5	15.0M	40.5	10.0M	54.5	7.0M	78.8	3.0M	117.9
	8.0E	158.9	5000.0E	1000.0						
172.0	20.0M	5.0	10.0M	36.5	15.0M	43.4	4.0M	72.8	1.0M	121.8
	8.0E	158.9	5000.0E	1000.0						
172.1	20.0M	5.0	10.0M	36.5	15.0M	43.4	4.0M	72.8	1.0M	121.8
	8.0E	159.0	5000.0E	1000.0						
175.0	20.0M	5.0	10.0M	36.5	15.0M	43.4	4.0M	72.8	1.0M	121.8
	8.0E	159.7	5000.0E	1000.0						

TABULATION OF
AZIMUTH RADIATION AND GROUND CONDUCTIVITIES
FOR THE PROPOSED 8 kW DAYTIME OPERATION OF
KGDP, OILDALE, CALIFORNIA
SEPTEMBER 2006

(Page 4 of 6)

Ground Conductivity Data:

Region conductivity in mS/m followed by distance in km
 Azimuth to the end of region. E - map data; M - measurement data.

180.0	20.0M	5.0	10.0M	36.5	15.0M	43.4	4.0M	72.8	1.0M	121.8
	8.0E	153.6	5000.0E	1000.0						
185.0	20.0M	5.0	10.0M	36.5	15.0M	43.4	4.0M	72.8	1.0M	121.8
	8.0E	150.9	5000.0E	1000.0						
190.0	20.0M	5.0	10.0M	36.5	15.0M	43.4	4.0M	72.8	1.0M	121.8
	8.0E	144.8	5000.0E	1000.0						
191.9	20.0M	5.0	10.0M	36.5	15.0M	43.4	4.0M	72.8	1.0M	121.8
	8.0E	137.3	5000.0E	1000.0						
192.0	10.0M	37.5	15.0M	48.7	4.0M	70.0	1.5M	128.0	8.0E	136.9
	5000.0E	1000.0								
195.0	10.0M	37.5	15.0M	48.7	4.0M	70.0	1.5M	128.0	8.0E	133.1
	5000.0E	1000.0								
197.0	10.0M	37.5	15.0M	48.7	4.0M	70.0	1.5M	128.0	8.0E	131.4
	5000.0E	1000.0								
197.1	10.0M	37.5	15.0M	48.7	4.0M	70.0	1.5M	128.0	8.0E	131.3
	5000.0E	1000.0								
200.0	10.0M	37.5	15.0M	48.7	4.0M	70.0	1.5M	128.0	8.0E	129.3
	5000.0E	1000.0								
205.0	10.0M	37.5	15.0M	48.7	4.0M	70.0	1.5M	128.0	5000.0E	1000.0
210.0	10.0M	37.5	15.0M	48.7	4.0M	70.0	1.5M	128.0	4.0E	132.7
	5000.0E	1000.0								
211.9	10.0M	37.5	15.0M	48.7	4.0M	70.0	1.5M	128.0	4.0E	133.9
	8.0E	135.9	5000.0E	1000.0						
212.0	15.0M	64.7	10.0M	84.1	3.0M	134.1	0.1M	149.9	5000.0E	1000.0
212.1	15.0M	64.7	10.0M	84.1	3.0M	134.1	0.1M	149.9	5000.0E	1000.0
215.0	15.0M	64.7	10.0M	84.1	3.0M	134.1	0.1M	149.9	5000.0E	1000.0
220.0	15.0M	64.7	10.0M	84.1	3.0M	134.1	0.1M	149.9	5000.0E	1000.0
225.0	15.0M	64.7	10.0M	84.1	3.0M	134.1	0.1M	149.9	8.0E	153.7
	5000.0E	1000.0								
230.0	15.0M	64.7	10.0M	84.1	3.0M	134.1	0.1M	149.9	8.0E	170.9
	5000.0E	1000.0								
232.0	15.0M	64.7	10.0M	84.1	3.0M	134.1	0.1M	149.9	8.0E	177.1
	5000.0E	1000.0								
232.1	8.0E	71.0	4.0E	125.3	8.0E	177.1	5000.0E	1000.0		
235.0	8.0E	72.8	4.0E	124.9	8.0E	176.6	5000.0E	1000.0		
240.0	8.0E	25.4	15.0E	38.9	8.0E	76.4	4.0E	125.0	8.0E	177.0
	5000.0E	1000.0								
245.0	8.0E	23.0	15.0E	46.3	8.0E	79.8	4.0E	126.1	8.0E	168.5
	5000.0E	1000.0								
250.0	8.0E	21.2	15.0E	48.1	8.0E	84.2	4.0E	124.7	8.0E	165.7
	5000.0E	1000.0								
255.0	8.0E	19.8	15.0E	50.4	8.0E	89.9	4.0E	119.5	8.0E	158.7
	5000.0E	1000.0								

TABULATION OF
AZIMUTH RADIATION AND GROUND CONDUCTIVITIES
FOR THE PROPOSED 8 kW DAYTIME OPERATION OF
KGDP, OILDALE, CALIFORNIA
SEPTEMBER 2006
 (Page 5 of 6)

Ground Conductivity Data:

Region conductivity in mS/m followed by distance in km										
Azimuth	to the end of region. E - map data; M - measurement data.									
260.0	8.0E	18.7	15.0E	53.4	8.0E	166.3	5000.0E	1000.0		
265.0	8.0E	17.8	15.0E	55.1	8.0E	174.5	5000.0E	1000.0		
270.0	8.0E	18.1	15.0E	56.4	8.0E	175.1	5000.0E	1000.0		
275.0	8.0E	18.7	15.0E	58.2	8.0E	198.8	5000.0E	1000.0		
280.0	8.0E	19.4	15.0E	60.6	8.0E	217.7	5000.0E	1000.0		
285.0	8.0E	20.4	15.0E	62.3	8.0E	237.0	5000.0E	1000.0		
290.0	8.0E	21.7	15.0E	63.9	8.0E	250.4	15.0E	274.8	5000.0E	1000.0
295.0	8.0E	23.3	15.0E	66.3	8.0E	231.9	15.0E	294.6	5000.0E	1000.0
299.9	8.0E	25.3	15.0E	69.2	8.0E	249.0	15.0E	293.6	5000.0E	1000.0
300.0	3.0M	2.8	10.0M	17.5	15.0M	33.6	15.0E	69.3	8.0E	249.8
	15.0E	293.7	5000.0E	1000.0						
300.0	3.0M	2.8	10.0M	17.5	15.0M	33.6	15.0E	69.3	8.0E	249.8
	15.0E	293.7	5000.0E	1000.0						
305.0	3.0M	2.8	10.0M	17.5	15.0M	33.6	15.0E	73.2	8.0E	373.9
	5000.0E	1000.0								
310.0	3.0M	2.8	10.0M	17.5	15.0M	33.6	15.0E	76.9	8.0E	352.5
	30.0E	365.2	5000.0E	395.4	8.0E	408.7	5000.0E	433.0	30.0E	433.6
	5000.0E	455.6	30.0E	461.3	5000.0E	1000.0				
315.0	3.0M	2.8	10.0M	17.5	15.0M	33.6	8.0E	34.0	15.0E	81.5
	8.0E	300.0	15.0E	413.1	8.0E	415.3	5000.0E	430.9	30.0E	432.5
	8.0E	441.4	30.0E	582.0	5000.0E	1000.0				
319.9	3.0M	2.8	10.0M	17.5	15.0M	33.6	8.0E	38.4	15.0E	87.2
	8.0E	227.4	15.0E	379.4	30.0E	421.0	8.0E	566.2	4.0E	667.3
	5000.0E	678.3	4.0E	680.5	5000.0E	707.6	4.0E	715.6	5000.0E	1000.0
320.0	3.0M	7.0	10.0M	98.0	8.0E	227.1	15.0E	378.7	30.0E	422.1
	8.0E	565.9	4.0E	682.9	5000.0E	698.5	4.0E	716.5	5000.0E	1000.0
320.0	3.0M	7.0	10.0M	98.0	8.0E	227.1	15.0E	378.7	30.0E	422.1
	8.0E	565.9	4.0E	682.9	5000.0E	698.5	4.0E	716.5	5000.0E	1000.0
320.1	3.0M	7.0	10.0M	98.0	8.0E	226.7	15.0E	378.0	30.0E	423.2
	8.0E	565.6	4.0E	685.2	5000.0E	691.2	4.0E	717.4	5000.0E	1000.0
325.0	3.0M	7.0	10.0M	98.0	8.0E	211.2	15.0E	366.2	30.0E	507.4
	8.0E	560.2	4.0E	762.6	5000.0E	1000.0				
330.0	3.0M	7.0	10.0M	98.0	15.0E	104.6	8.0E	195.1	15.0E	495.3
	30.0E	563.1	8.0E	634.6	4.0E	904.7	5000.0E	1000.0		
331.9	3.0M	7.0	10.0M	98.0	15.0E	109.1	8.0E	188.5	15.0E	284.1
	8.0E	370.1	15.0E	537.0	30.0E	552.3	8.0E	645.1	4.0E	959.0
	5000.0E	1000.0								
332.0	10.0M	88.6	15.0E	109.3	8.0E	188.2	15.0E	282.3	8.0E	373.0
	15.0E	538.6	30.0E	550.1	8.0E	645.3	4.0E	960.1	5000.0E	1000.0
335.0	10.0M	88.6	15.0E	117.1	8.0E	179.1	15.0E	229.7	8.0E	644.7
	4.0E	1000.0								
340.0	10.0M	88.6	15.0E	132.9	8.0E	306.1	2.0E	368.9	8.0E	549.3
	4.0E	1000.0								
340.1	10.0M	88.6	15.0E	133.3	8.0E	303.4	2.0E	371.9	8.0E	549.4
	4.0E	1000.0								

TABULATION OF
AZIMUTH RADIATION AND GROUND CONDUCTIVITIES
FOR THE PROPOSED 8 kW DAYTIME OPERATION OF
KGDP, OILDALE, CALIFORNIA
SEPTEMBER 2006
 (Page 6 of 6)

Ground Conductivity Data:

Region conductivity in mS/m followed by distance in km
 Azimuth to the end of region. E - map data; M - measurement data.

343.9	10.0M	88.6	15.0E	140.7	8.0E	251.2	2.0E	400.1	8.0E	561.6
	4.0E	723.2	8.0E	833.2	4.0E	1000.0				
344.0	2.0M	2.6	10.0M	109.0	4.0M	146.1	8.0E	249.8	2.0E	400.4
	8.0E	562.6	4.0E	723.3	8.0E	832.9	4.0E	1000.0		
345.0	2.0M	2.6	10.0M	109.0	4.0M	146.1	8.0E	236.9	2.0E	400.4
	8.0E	570.2	4.0E	732.6	8.0E	824.8	4.0E	1000.0		
350.0	2.0M	2.6	10.0M	109.0	4.0M	146.1	2.0E	152.8	8.0E	189.0
	2.0E	388.1	8.0E	641.1	4.0E	1000.0				
352.0	2.0M	2.6	10.0M	109.0	4.0M	146.1	2.0E	338.4	4.0E	379.3
	8.0E	665.9	4.0E	1000.0						
352.1	2.0M	2.6	10.0M	109.0	4.0M	146.1	2.0E	335.9	4.0E	379.0
	8.0E	667.7	4.0E	1000.0						
355.0	2.0M	2.6	10.0M	109.0	4.0M	146.1	2.0E	291.6	4.0E	373.6
	8.0E	430.3	4.0E	526.9	8.0E	708.5	4.0E	1000.0		
359.9	2.0M	2.6	10.0M	109.0	4.0M	146.1	2.0E	250.3	4.0E	393.9
	8.0E	414.4	4.0E	584.4	8.0E	710.1	4.0E	1000.0		

Azimuth of Measured KAFY (1100 KHz) radials and span

10,79.5,89.5,102,114,134,153 +10/-10 degrees

168 +4/-5 degrees

182,202,222,310,330,342,354 +10/-10 degrees

Engineering Exhibit of KGDP, Oildale, California

TABULATION OF
COMPUTED DISTANCE TO CONTOURS
FOR THE PROPOSED 8 kW DAYTIME OPERATION OF
KGDP, OILDALE, CALIFORNIA
SEPTEMBER 2006
 (Page 1 of 3)

OILDALE, CA

Call: KGDP_Proposed

Coordinates: N 35 27 10 W 118 56 40

Frequency: 660 kHz Number of contours: 5

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :				
		Contour levels in mV/m.				
		.025	.500	.250	5.000	25.000
0.0	582.40	239.53	89.83	97.65	42.21	15.28
4.0	620.22	247.38	92.00	100.29	43.64	16.00
4.1	621.08	247.59	92.00	100.35	43.67	16.01
5.0	628.55	249.39	92.00	100.86	43.95	16.15
10.0	662.79	257.38	92.00	103.14	45.20	16.78
15.0	683.62	262.89	92.00	104.50	45.94	17.16
20.0	689.86	265.97	92.00	104.90	46.15	17.27
20.1	689.83	302.12	107.75	134.57	54.50	19.85
25.0	680.74	303.75	107.26	133.94	52.24	19.65
30.0	656.05	303.61	106.72	133.00	50.01	19.10
35.0	616.30	302.64	106.06	131.69	47.64	18.19
40.0	562.98	299.62	105.28	129.98	45.02	16.93
45.0	498.81	295.61	104.55	129.70	42.07	15.37
50.0	428.21	289.08	99.69	129.40	38.82	13.56
55.0	358.13	273.31	92.76	120.65	35.39	11.68
60.0	299.32	259.49	86.28	112.48	32.25	10.02
65.0	266.11	248.33	82.22	107.37	30.28	9.05
69.4	266.39	248.86	82.14	107.30	30.18	9.06
69.5	266.71	188.94	51.82	69.91	17.35	6.31
70.0	268.51	189.49	51.98	70.12	17.41	6.34
75.0	300.57	198.83	54.58	73.60	18.50	6.87
79.4	340.50	215.21	57.61	77.65	19.77	7.49
79.5	341.45	197.99	41.29	56.67	24.45	8.74
80.0	346.18	200.74	41.55	57.02	24.64	8.82
85.0	391.75	220.17	43.97	60.32	25.40	9.65
89.5	425.89	231.11	45.68	62.65	25.40	10.24
89.6	426.55	231.26	45.72	62.69	25.40	10.26
90.0	429.12	231.87	45.84	62.87	25.40	10.30
91.9	440.19	234.47	46.38	63.60	25.40	10.49
92.0	440.72	196.42	55.72	75.65	28.06	10.49
95.0	454.04	199.48	56.46	76.65	28.50	10.72
99.5	464.43	201.83	57.03	77.41	28.84	10.89
99.6	464.53	201.85	57.03	77.42	28.84	10.89
100.0	464.88	201.93	57.05	77.45	28.85	10.90
103.9	463.64	201.65	56.99	77.36	28.81	10.88
104.0	463.50	265.38	56.98	77.35	22.00	12.89
105.0	461.85	265.01	56.89	77.22	22.00	12.85

TABULATION OF
COMPUTED DISTANCE TO CONTOURS
FOR THE PROPOSED 8 kW DAYTIME OPERATION OF
KGDP, OILDALE, CALIFORNIA
SEPTEMBER 2006
 (Page 2 of 3)

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :				
		Contour levels in mV/m.				
		.025	.500	.250	5.000	25.000
110.0	446.53	261.53	56.05	76.09	22.00	12.53
112.0	437.53	259.44	55.54	75.41	22.00	12.33
112.1	437.04	259.33	55.52	75.38	22.00	12.32
115.0	421.54	255.65	54.63	74.19	22.00	11.98
120.0	390.16	247.81	52.80	71.71	22.00	11.28
123.9	363.59	236.70	51.17	69.52	22.00	10.67
124.0	362.91	239.52	66.00	69.46	33.00	12.92
124.1	362.22	239.23	66.00	69.40	33.00	12.90
125.0	356.05	236.72	66.00	68.88	33.00	12.70
130.0	322.94	223.42	66.00	66.00	33.00	11.62
135.0	294.30	210.88	66.00	66.00	33.00	10.68
140.0	273.06	200.29	65.50	66.00	33.00	9.97
142.9	265.02	196.85	64.67	66.00	33.00	9.70
143.0	264.81	194.45	64.65	86.38	34.25	9.29
144.0	262.89	194.32	64.45	86.12	34.07	9.23
144.1	262.72	194.31	64.43	86.09	34.06	9.22
145.0	261.40	194.45	64.29	85.91	33.93	9.18
150.0	260.79	197.44	64.23	85.83	33.88	9.16
155.0	272.20	212.65	65.41	87.37	34.92	9.52
160.0	296.48	262.80	67.81	90.00	36.40	10.27
162.9	316.75	277.99	69.73	90.00	36.40	10.89
163.0	317.54	376.56	78.80	93.09	40.50	10.91
163.1	318.32	377.50	78.80	93.18	40.50	10.94
165.0	334.35	418.45	78.80	95.08	40.50	11.42
170.0	386.26	462.53	78.80	100.88	44.60	12.94
171.9	409.67	475.17	78.80	103.34	46.11	13.61
172.0	410.95	240.74	72.80	72.80	43.40	13.65
172.1	412.25	241.41	72.80	72.80	43.40	13.68
175.0	452.14	261.33	72.80	72.80	43.40	14.80
180.0	531.40	305.94	72.80	72.80	43.40	16.94
185.0	622.92	345.12	72.80	74.39	43.40	19.29
190.0	725.16	388.39	72.80	79.63	43.40	21.78
191.9	766.44	411.28	72.80	81.63	43.40	22.76
192.0	768.65	480.70	71.23	96.43	48.70	22.81
192.1	770.86	481.88	71.32	96.55	48.70	22.86
195.0	836.23	504.95	73.92	100.00	48.70	24.35
200.0	953.88	540.61	78.32	105.80	48.70	26.93
205.0	1075.57	570.61	82.55	111.35	51.04	29.46
210.0	1198.43	585.52	86.55	116.56	53.68	31.88
211.9	1244.78	588.99	87.99	118.43	54.62	32.77
212.0	1247.21	299.47	122.57	134.10	84.10	36.49
212.1	1249.64	299.91	122.67	134.10	84.10	36.54

TABULATION OF
COMPUTED DISTANCE TO CONTOURS
FOR THE PROPOSED 8 kW DAYTIME OPERATION OF
KGDP, OILDALE, CALIFORNIA
SEPTEMBER 2006
 (Page 3 of 3)

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :				
		Contour levels in mV/m.				
		.025	.500	.250	5.000	25.000
215.0	1319.32	312.37	125.38	134.10	84.10	38.09
220.0	1434.86	331.88	129.67	134.10	84.10	40.59
225.0	1541.50	344.35	133.45	134.10	84.10	42.81
230.0	1635.65	337.86	134.10	134.10	84.10	44.72
232.0	1669.03	335.87	134.10	134.10	84.10	45.39
232.1	1670.63	910.04	239.99	389.97	83.79	37.25
235.0	1713.85	919.87	249.53	399.58	85.15	37.87
240.0	1772.92	941.14	270.45	420.57	89.52	42.02
245.0	1810.19	973.23	302.33	452.51	92.93	44.52
250.0	1823.70	992.29	321.33	471.51	95.27	45.26
255.0	1812.34	1593.25	354.92	505.10	97.72	45.40
260.0	1775.95	1593.25	387.12	537.25	102.18	44.97
265.0	1715.41	1593.25	363.10	513.15	101.29	44.00
270.0	1632.55	1593.25	352.29	502.20	99.49	42.28
275.0	1530.06	958.53	289.91	439.45	97.20	40.07
280.0	1411.29	904.63	237.71	386.51	94.41	37.40
285.0	1280.03	847.97	217.80	331.19	90.83	34.30
290.0	1140.28	774.12	209.69	266.94	86.60	30.79
295.0	996.03	735.58	200.65	258.74	81.95	26.91
299.9	854.02	692.10	190.78	240.75	76.93	23.33
300.0	851.14	698.51	193.55	243.48	79.81	26.94
305.0	709.28	528.23	182.96	230.69	74.82	23.17
310.0	574.23	484.79	171.12	216.40	66.03	19.37
315.0	450.47	423.32	158.37	200.94	55.99	14.75
319.9	346.76	418.62	145.00	184.77	45.08	11.79
320.0	344.89	402.55	135.64	175.34	41.13	11.73
320.0	344.89	402.55	135.64	175.34	41.13	11.73
320.1	343.04	402.02	135.36	175.00	40.98	11.68
325.0	269.87	376.44	123.21	160.44	34.71	9.45
330.0	242.87	370.71	120.29	156.49	32.19	6.75
331.9	246.98	359.26	122.52	158.88	32.58	6.84
332.0	247.39	361.05	124.45	160.83	32.62	8.74
335.0	267.78	361.37	130.77	167.91	34.52	9.38
340.0	324.56	351.51	145.46	184.54	39.47	11.12
340.0	324.56	351.51	145.46	184.54	39.47	11.12
340.1	325.87	350.98	145.79	184.91	39.58	11.16
343.9	377.55	344.30	155.88	196.54	43.69	12.69
344.0	378.95	285.22	109.00	116.79	43.80	12.73
345.0	392.91	283.90	109.00	118.47	44.86	13.13
350.0	461.90	277.13	109.00	126.28	49.81	15.07
352.0	488.37	267.84	109.00	129.07	51.59	15.79
352.1	489.67	268.05	109.00	129.20	51.68	15.83
355.0	526.12	273.72	109.00	132.89	54.04	16.80
359.9	581.37	286.70	109.00	138.15	57.44	18.24