[REVISED]

Table 2.3-1
Cogeneration Project Performance Summary (Single Turbine and HRSG)

BP Cherry Point Cogeneration

Air Emissions Summary

CASE		1AA	1AB	1AC	1BA	1BB	1BC	1CA	1CB	1CC
Ambient Temp.	Deg F.	5	50	85	5	50	85	5	50	85
Ambient Relative Humid.	%	80	65	45	80	65	45	80	65	45
Gas Turbine Load	Percent	100	100	100	75	75	75	50	50	50
Turbine Fuel	Type	NG	NG	NG	NG	NG	NG	NG	NG	NG
Duct Burner Fuel	Type	-	-	-	-	-	-	-	-	-
GAS TURBINE CHARACTERISTICS (Per Turbine)										
Fuel Heating Value (LHV)	Btu/lb	21,325	21,325	21,325	21,325	21,325	21,325	21,325	21,325	21,325
Fuel Heating Value (LHV)	Btu/scf	952	952	952	952	952	952	952	952	952
Fuel Temperature	Deg F	365	365	365	365	365	365	365	365	365
Turbine Output (Gross @ Generator Terminals)	kW	188,300	172,500	152,700	141,200	129,400	114,600	94,200	86,200	76,400
Heat Rate (LHV)	Btu/kWh	9,195	9,355	9,680	9,930	10,120	10,620	11,810	12,140	12,680
Heat Consumption (LHV)	MMBtu/h	1,731.4	1,613.7	1,478.1	1,402.1	1,309.5	1,217.1	1,112.5	1,046.5	968.8
Exhaust Flow	lb/h	3,953,000	3,660,000	3,362,000	3,069,000	2,905,000	2,755,000	2,485,000	2,402,000	2,314,000
Exhaust Presure	In. H_2O	22.0	19.3	16.5	13.7	12.4	11.3	9.2	8.6	8.0
Exhaust Temp.	Deg F.	1059	1109	1150	1129	1159	1187	1182	1200	1200
DUCT BURNER INPUT (Per HRSG)										
Fuel	Type	NG	NG	NG	NG	NG	NG	NG	NG	NG
Fuel Heating Value (LHV)	Btu/lb	21,325	21,325	21,325	21,325	21,325	21,325	21,325	21,325	21,325
Heat Consumption (LHV)	MMBtu/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STACK EXHAUST CHARACTERISTICS (Per Turbine/HRSG)										
Stack Flow	lb/h	3,953,000	3,660,000	3,362,000	3,069,000	2,905,000	2,755,000	2,485,000	2,402,000	2,314,000
Stack Temp.	Deg F.	195	195	195	190	190	190	180	180	180
Stack Flow	acfm	1,109,118	1,029,463	949,296	854,903	811,008	771,866	681,285	659,851	637,675
Stack Diameter	ft.	19	19	19	19	19	19	19	19	19
SITE CONDITIONS										
Elevation	ft.	115	115	115	115	115	115	115	115	115
Stack Height	ft.	150	150	150	150	150	150	150	150	150
Site Pressure	psia	14.64	14.64	14.64	14.64	14.64	14.64	14.64	14.64	14.64

[REVISED]

Table 2.3-1 Continued
Cogeneration Project Performance Summary (Single Turbine and HRSG)

BP Cherry Point Cogeneration							
Air Emissions Summary							
CASE		**2A**	**2B**	**2C**	**6A**	**6B**	**6C**
Ambient Temp.	Deg F.	5	50	85	5	50	85
Ambient Relative Humid.	%	80	65	45	80	65	45
Gas Turbine Load	Percent	100	100	100	100	100	100
Turbine Fuel	Type	NG	NG	NG	NG	NG	NG
Duct Burner Fuel	Type	NG	NG	NG	NG	NG	NG
GAS TURBINE CHARACTERISTICS (Per Turbine)							
Fuel Heating Value (LHV)	Btu/lb	21,325	21,325	21,325	21,325	21,325	21,325
Fuel Heating Value (LHV)	Btu/scf	952	952	952	952	952	952
Fuel Temperature	Deg F	365	365	365	365	365	365
Turbine Output (Gross @ Generator Terminals)	kW	188,300	172,500	152,700	188,300	172,500	152,700
Heat Rate (LHV)	Btu/kWh	9,195	9,355	9,680	9,195	9,355	9,680
Heat Consumption (LHV)	MBtu/h	1,731.4	1,613.7	1,478.1	1,731.4	1,613.7	1,478.1
Exhaust Flow	lb/h	3,953,000	3,660,000	3,362,000	3,953,000	3,660,000	3,362,000
Exhaust Presure	In. H_2O	22.0	19.3	16.5	22.0	19.3	16.5
Exhaust Temp.	Deg F.	1059	1109	1150	1059	1109	1150
DUCT BURNER INPUT (Per HRSG)							
Fuel	Type	NG	NG	NG	NG	NG	NG
Fuel Heating Value (LHV)	Btu/lb	21,325	21,325	21,325	21,325	21,325	21,325
Heat Consumption (LHV)	MMBtu/h	28.3	28.3	28.3	105.0	105.0	105.0
STACK EXHAUST CHARACTERISTICS (Per Turbine/HRSG)							
Stack Flow	lb/h	3,954,327	3,661,327	3,363,327	3,957,925	3,664,925	3,366,925
Stack Temp.	Deg F.	190	190	190	180	180	180
Stack Flow	acfm	1,148,862	1,066,088	982,964	1,133,083	1,051,522	969,618
Stack Diameter	ft.	19	19	19	19	19	19
SITE CONDITIONS							
Elevation	ft.	115	115	115	115	115	115
Stack Height	ft.	150	150	150	150	150	150
Site Pressure	psia	14.64	14.64	14.64	14.64	14.64	14.64