**DOCUMENTATION OF THE STATUS OF INTERNATIONAL
GEOTHERMAL POWER PLANTS AND A LIST, BY COUNTRY,
OF SELECTED GEOTHERMALLY ACTIVE GOVERNMENTAL
AND PRIVATE SECTOR ENTITIES**

Topical Report

October 1992

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Work Performed Under Contract No. DE-FG07-89ID12850

**For
U. S. Department of Energy
Office of Industrial Technologies
Washington, D.C.**

**By
National Geothermal Association
Davis, CA 95617-1350**

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U.S. Department of Energy
Under DOE Idaho Field Office
Sponsored by the Office of the Assistant Secretary
for Conservation and Renewable Energy
Office of Industrial Technologies
Washington, D.C.**

**Prepared by
National Geothermal Association
P. O. Box 1350
Davis, CA 95617-1350**

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INTRODUCTION

**DOCUMENTATION OF THE STATUS OF INTERNATIONAL GEOTHERMAL
POWER PLANTS AND A LISTING, BY COUNTRY, OF SELECTED
GEOTHERMALLY ACTIVE GOVERNMENTAL AND PRIVATE SECTOR ENTITIES**

Introduction

Steam, produced as a result of the exploitation of geothermal energy resources, has been used to fuel electric power generation facilities since 1904 when dry steam from the fields at Lardarello, Italy was first harnessed. Since then, and especially since the decade of the 1950s, energy from a growing number of geothermal fields has been put to commercial use internationally. Of significant importance has been the growth in exploitation of geothermal resources that are liquid dominated, of moderate temperature and whose energy can be tapped using Binary power cycles.

Since 1973, when the first Arab oil embargo shocked the world with its dramatic effect on petroleum prices, there has been increasing, if somewhat episodic, international awareness of the need to decrease dependance on petroleum as a fuel source for power generation for economic and environmental reasons. Accordingly, exploration and development of geothermal resources has increased significantly.

Traditionally, power generation facilities have been built by national governments pursuant to their mandates to provide infrastructure for the needs of their citizens. Recently, many developing countries have fallen upon difficult economic times, with very large debt burdens and little cash with which to build, enlarge and/or improve their much needed power systems. This situation has opened windows of opportunity for infrastructure investment by private entities previously precluded from ownership of such facilities.

In order for private investors to consider participation in geothermal projects vis-a-vis other investment opportunities, reliable, up-to-date information must be readily available regarding technical aspects of the geothermal facilities in place internationally. There should

also be one source of information regarding the identities of the agencies responsible for geothermal development in each country and the names and telephone/FAX numbers of the people currently in charge.

In late 1989, the National Geothermal Association recognized these needs, submitted a proposal to the U. S. Department of Energy, and received funding under Grant No. DE-FG07-89ID12850 to develop a database containing the information described above. The document that follows is the first edition of what is planned to be a biannually updated series of publications available to interested parties through the National Geothermal Association.

Included, as a prologue to this document, are reproductions of two articles, written in 1985 and in 1990, to document the status of international geothermal exploration and development. These papers, published in the Transactions and Bulletins of the Geothermal Resources Council, are intended to give readers significant background information relevant to the data presented in the main body of the database.

The data bases presented below have been compiled using "PC-File", Version 5.0, (Copyright 1982-1990 by Jim Button and Copyright 1984-1990 by ButtonWare, Inc. All Rights Reserved). The software is designed for use on IBM-compatible computers and the format allows import and export of data to most other data base programs. PC-File is especially compatible with the several versions of "dBASE".

The PC-File subdirectory contains about 1.22 MB of information as of June 1991, therefore a user requiring the raw data should have available at least this much memory to begin with. The current formats are designed for use with a Hewlett Packard LaserJet III printer, however any reasonably modern printer can be substituted with minor code modifications.

GWH
June, 1991

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1990 GEOTHERMAL STATUS REPORTS

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removed.
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**EXPLANATION OF ABBREV. IN INTERN'L
GEOTHERMAL POWER PLANT DATABASE**

**EXPLANATION OF THE ABBREVIATIONS USED IN THE DATA BASE FOR
INTERNATIONAL POWER PLANTS**

PP Name	The name of the Power Plant.
PP Site	The name of the city nearest the power plant.
Status	P=Planned, O=Operating, U=Under Construction, N=Non-operating, D=Decommissioned.
OperDate	Date that the power purchaser accepted power on a firm basis. (mm/dd/yy)
Nation	The name of the country in which the power plant is located.
SubDivision	The political subdivision of the nation in which the power plant is located.
Res Owner	The name of the geothermal resource owner.
Res Devel	The name of the entity that has leased, or has a concession or that is developing the geothermal resource.
A and E	The name of the firm responsible for design of the power plant.
PP Owner	The name of the owner of the power plant.
Turb Source	The name of the manufacturer or supplier of the turbine.
PwrPurchaser	The name of the entity purchasing the pro- duced power, steam or hot water.
PPContractor	The name of the entity responsible for con- struction of the power plant.
PPOwnrCntact	The name of the person to contact for infor- mation related to this power plant.

His Employer The name of the entity employing the power plant contact person.

His Phone The telephone number of the power plant contact person.

His Fax The Telefacsimile (FAX) number of the power plant contact person.

His TELEX The TELEX alphanumeric code for the power plant contact person.

Gross Mw The Gross power that the power plant was designed to produce on an average.

Net Mw The Net power that the power plant was designed to deliver on an average.

TotWellProd The total production of steam and/or hot water from all wells used to generate power in thousands of pounds per hour.

TDS The Total Dissolved Solids content of the fluids produced as of the operation date in PPM (Parts per Million).

PP Lifetime The economic life span over which the power plant was designed to function.

Inlet Pres The initial design inlet pressure as measured at the outlet of the gathering system in psig (Pounds per square inch gauge)

InitResTemp The initial temperature of the geothermal reservoir as measured at depth in degrees F.

TotExplCost An approximation of the total exploration costs associated with the identification and characterization of the geothermal resource used to generate power in millions of \$US.

Av Well Cost The average cost of completed production, injection and standby wells, not including pumps, in millions of \$US.

Subsurf Area	The approximate subsurface area, in square kilometers, if directional wells extensions are considered.
Tot PP Cost	Total cost of the power plant, including the "switch yard", but not including the transmission line, in millions of \$US.
TotProjCost	Total cost (equity and debt) of the project, without including the transmission line, in millions of \$US.
Availability	The number of hours that the power plant was available to produce power during the most recent year for which data is recorded as divided by 8760 and multiplied by 100.
Yr. of Avail	The year for which the availability percent was calculated.
PPCycleType	Dry Steam, Single Flash, Double Flash or Binary cycles.
Inlet Temp.	The temperature of the resource at the point where it enters the turbine in degrees F.
Av Well Depth	The average depth of all used production, injection and stand-by wells in feet.
No. ProdWells	The number of production wells needed to fully supply resource to the power plant without considering stand-by wells.
No. InjWells	The number of injection wells needed to dispose of fluids at full power plant operation, without considering stand-by wells.
Fail_AbdWells	The number of non-producible exploration wells plus production, injection and stand-by wells unsuccessfully drilled or abandoned for the power plant in question.
Total Wells	The total number of wells able to function as per design for the beneficial use of the power plant in question.

R_C Sludge The number of Tons produced per month by a Reactor-Clarifier, if one is in use.

FinancOrganiz The name of the organization that took the lead in providing funds for the power plant.

PwrSalePrice The average price, in \$US per month, received for electricity generated by the power plant in 1989.

PPCmpltnYear The year in which construction of the power plant was completed.

PPShutDownYr The year in which the power plant stopped all operations and was closed.

GenrtrSource The name of the manufacturer or supplier of the generator.

ResOwnrCntact The name of the person to contact for information regarding the geothermal resource.

His Employer The name of the entity employing the resource contact person.

His Phone The telephone number of the resource contact person.

His FAX The telefacsimile (FAX) number of the resource contact person.

His TELEX The TELEX alphanumeric code for the resource contact person.

PP Operator The name of the power plant operator, in case that it is not the same as that of the owner.

GathSystCost The cost of the fluid gathering and disposal systems for both production and injection, in millions of \$US.

Av Well Life The average number of years that the wells function properly with normal maintenance.

H2S Sludge The tons per month of sludge produced if an H₂S scrubber is used.

Power Sales The number of Kilowatt hours of power sold in 1989 (or another designated year).

PowerSalesYr The year for which the number of Kilowatts sold was recorded (see Power Sales).

InitialTotNCG The weight percent of the total amount of Non-Condensable Gasses extracted from the produced resources when the power plant first went into operation.

Initial CO2 The total weight percent of carbon dioxide produced initially.

Initial H2S The total weight percent of hydrogen sulfide produced initially.

CurrentTotNCG The weight percent of the total amount of Non-Condensable Gasses extracted from the produced resources in 1989 (or other designated year).

CurrentCO2 The total weight percent of carbon dioxide produced in 1989 (or other designated year).

CurrentH2S The total weight percent of hydrogen sulfide produced in 1989 (or other designated year).

NCGTrtmtSyst The name or type of system used to treat Non-Condensable Gasses entrained in the resource

NOTES:

1. The unavailability of information is shown by either A BLANK SPACE or a "0".
2. N/A means "Not Applicable"

ngaabrv.exp

CHINA

PP Name DENGWU, UNIT 1
 PP Site FENGSHUN
 Status 0
 OperDate / /70
 Nation CHIN
 SubDivision GUANGDONG
 Res Owner
 Res Devel
 A and E
 PP Owner
 Turb Source
 PwrPurchaser
 PPContractor
 PPOwnrCntact
 His Employer
 His Phone
 His Fax
 His TELEX
 oss Mw 0
 t Mw 0
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 0 Years
 Inlet Pres 0 psig
 InitResTemp 182 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType S FLASH
 Inlet Temp 0 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1970
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact
 His Employer
 His Phone
 His FAX
 His TELEX
 PP Operator
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ???? Weight %
 Initial H2S ???? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ???? Weight %
 CurrentH2S ???? Weight %
 NCGTrtmtSyst N/A

PP Name	DENGWU, UNIT 2
PP Site	FENGSHUN
Status	0
OperDate	/ /77
Nation	CHIN
SubDivision	GUANGDONG
Res Owner	
Res Devel	
A and E	
PP Owner	
Turb Source	
PwrPurchaser	
PPContractor	
PPOwnrCntact	
His Employer	
His Phone	
His Fax	
His TELEX	
oss Mw	0
l Mw	0
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	182 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	BINARY
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1977
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	
His Employer	
His Phone	
His FAX	
His TELEX	
PP Operator	
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name DENGWU, UNIT 3
PP Site FENGSHUN
Status 0

OperDate / /82
Nation CHIN
SubDivision GUANGDONG

Res Owner
Res Devel
A and E
PP Owner
Turb Source
PwrPurchaser
PPContractor
PPOwnrCntact
His Employer
His Phone
His Fax
His TELEX

oss Mw 0
t Mw 0
TotWellProd 0 KLbs/hr.
TDS 0 PPM

PP Lifetime 0 Years
Inlet Pres 0 psig
InitResTemp 182 Degrees F
TotExplCost 0 \$US Millions
Av Well Cost 0 \$US Millions
Subsurf Area 0 Sq.Km
Tot PP Cost 0 \$US Millions
TotProjCost 0 \$US Millions
Availability 0 %
Yr. of Avail 0

PPCycleType S FLASH
Inlet Temp 0 Degrees F
Av Well Depth 0 Feet
No. ProdWells 0
No. Inj.Wells 0
Fail AbdWells 0
Total Wells 0

R C Sludge 0 Tons per Month

FinancOrganiz
PwrSalePrice ????? \$US per KWH

PPCmpltnYear 1982

PPShutDownYr 0

GenrtrSource

ResOwnrCntact

His Employer

His Phone

His FAX

His TELEX

PP Operator

GathSystCost 0 \$US Millions

Av Well Life ??? Years

H2S Sludge 0 Tons per Month

Power Sales 0 KWH per Year

PowerSalesYr ?????

InitialTotNCG 0 Weight %

Initial CO2 ??? Weight %

Initial H2S ??? Weight %

CurrentTotNCG 0 Weight %

CurrentCO2 ??? Weight %

CurrentH2S ??? Weight %

NCGTrtmtSyst N/A

PP Name	HUAILAI
PP Site	HUAILAI
Status	0
OperDate	/ /71
Nation	CHIN
SubDivision	HEBEI
Res Owner	
Res Devel	
A and E	
PP Owner	
Turb Source	
PwrPurchaser	
PPContractor	
PPOwnrCntact	
His Employer	
His Phone	
His Fax	
His TELEX	
oss Mw	0
t Mw	0
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	185 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	S FLASH
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1971
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	
His Employer	
His Phone	
His FAX	
His TELEX	
PP Operator	
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name HUITANG
PP Site NINGXIANG
Status 0
OperDate / /75
Nation CHIN
SubDivision HUNAN

Res Owner
Res Devel
A and E
PP Owner
Turb Source
PwrPurchaser
PPContractor
PPOwnrCntact
His Employer
His Phone
His Fax
His TELEX

oss Mw 0
t Mw 0
TotWellProd 0 KLbs/hr.
TDS 0 PPM
PP Lifetime 0 Years
Inlet Pres 0 psig
InitResTemp 197 Degrees F
TotExplCost 0 \$US Millions
Av Well Cost 0 \$US Millions
Subsurf Area 0 Sq.Km
Tot PP Cost 0 \$US Millions
TotProjCost 0 \$US Millions
Availability 0 %
Yr. of Avail 0

PPCycleType S FLASH
Inlet Temp 0 Degrees F
Av Well Depth 0 Feet
No. ProdWells 0
No. Inj.Wells 0
Fail AbdWells 0
Total Wells 0
R C Sludge 0 Tons per Month
FinancOrganiz
PwrSalePrice ????? \$US per KWH
PPCmpltnYear 1975
PPShutDownYr 0
GenrtrSource
ResOwnrCntact
His Employer
His Phone
His FAX
His TELEX
PP Operator
GathSystCost 0 \$US Millions
Av Well Life ??? Years
H2S Sludge 0 Tons per Month
Power Sales 0 KWH per Year
PowerSalesYr ?????
InitialTotNCG 0 Weight %
Initial CO2 ???? Weight %
Initial H2S ???? Weight %
CurrentTotNCG 0 Weight %
CurrentCO2 ???? Weight %
CurrentH2S ???? Weight %
NCGTrtmtSyst N/A

PP Name	WENTANG
PP Site	YICHUN
Status	0
OperDate	/ /71
Nation	CHIN
SubDivision	JIANGXI
Res Owner	
Res Devel	
A and E	
PP Owner	
Turb Source	
PwrPurchaser	
PPContractor	
PPOwnrCntact	
His Employer	
His Phone	
His Fax	
His TELEX	
oss Mw	0
t Mw	0
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	151 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	BINARY
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1971
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	
His Employer	
His Phone	
His FAX	
His TELEX	
PP Operator	
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	XIONGYUE	PPCycleType	BINARY
PP Site	XIONGYUE	Inlet Temp	0 Degrees F
Status	0	Av Well Depth	0 Feet
OperDate	/ /78	No. ProdWells	0
Nation	CHIN	No. Inj.Wells	0
SubDivision	LIAONING	Fail AbdWells	0
Res Owner		Total Wells	0
Res Devel		R C Sludge	0 Tons per Month
A and E		FinancOrganiz	
PP Owner		PwrSalePrice	????? \$US per KWH
Turb Source		PPCmpltnYear	1978
PwrPurchaser		PPShutDownYr	0
PPContractor		GenrtrSource	
PPOwnrCntact		ResOwnrCntact	
His Employer		His Employer	
His Phone		His Phone	
His Fax		His FAX	
His TELEX		His TELEX	
oss Mw	0	PP Operator	
t Mw	0	GathSystCost	0 \$US Millions
TotWellProd	0 KLbs/hr.	Av Well Life	??? Years
TDS	0 PPM	H2S Sludge	0 Tons per Month
PP Lifetime	0 Years	Power Sales	0 KWH per Year
Inlet Pres	0 psig	PowerSalesYr	????
InitResTemp	176 Degrees F	InitialTotNCG	0 Weight %
TotExplCost	0 \$US Millions	Initial CO2	???? Weight %
Av Well Cost	0 \$US Millions	Initial H2S	???? Weight %
Subsurf Area	0 Sq.Km	CurrentTotNCG	0 Weight %
Tot PP Cost	0 \$US Millions	CurrentCO2	???? Weight %
TotProjCost	0 \$US Millions	CurrentH2S	???? Weight %
Availability	0 %	NCGTrtmtSyst	N/A
Yr. of Avail	0		

PP Name YANGBAJAIN
 PP Site XIZANG, TIBET, CHINA
 atus 0
 erDate 10/30/75
 tion CHIN
 SubDivision TIBET AUTONOMOUS REG
 Res Owner GEOTH.DEVEL.CO TIBET
 Res Devel GEOL.BUR.OF TIBET
 A and E S-W ELEC.POWER INS.
 PP Owner IND/ELEC BUREAU, TAR
 Turb Source QUINGDAO TURB FACTRY
 PwrPurchaser LHASA ELECTRICAL BUR
 PPContractor GEOTH.DEVEL.CO TIBET
 PPOwnrCntact WU FANGZHI
 His Employer GDCTAR
 His Phone BEIJING 2913221
 His Fax
 His TELEX
 Gross Mw 19
 Net Mw 16
 TotWellProd 3 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 25 Years
 Inlet Pres 24 psig
 InitResTemp 344 Degrees F
 TotExplCost 15 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 14 Sq.Km
 t PP Cost 15 \$US Millions
 ProjCost 40 \$US Millions
 Availability 68 %
 Yr. of Avail 1982

PPCycleType D FLASH
 Inlet Temp 232 Degrees F
 Av Well Depth 656 Feet
 No. ProdWells 12
 No. Inj.Wells 2
 Fail AbdWells 8
 Total Wells 22
 R C Sludge 0 Tons per Month
 FinancOrganiz PRC MINISTRY OF ENERGY
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1975
 PPShutDownYr 0
 GenrtrSource QUINGDAO TURB FACTR
 ResOwnrCntact WU FANGZHI
 His Employer GDCTAR
 His Phone BEIJING 2913221
 His FAX
 His TELEX
 PP Operator
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 47665400 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst AIR EXHAUST

PP Name	ZHAOYUAN
PP Site	ZHAOYUAN
Status	0
OperDate	/ /81
Nation	CHIN
SubDivision	SHANDONG
Res Owner	
Res Devel	
A and E	
PP Owner	
Turb Source	
PwrPurchaser	
PPContractor	
PPOwnrCntact	
His Employer	
His Phone	
His Fax	
His TELEX	
oss Mw	0
t Mw	0
totWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	196 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	S FLASH
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1981
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	
His Employer	
His Phone	
His FAX	
His TELEX	
PP Operator	
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

COSTA RICA

PP Name PGM MIRAVALLS No 1
 PP Site MIRAVALLS
 Status U
 OperDate 09/30/93
 Nation COST
 SubDivision GUANACASTE
 Res Owner ICE
 Res Devel ICE
 A and E ICE-ELC-WESTEC
 PP Owner ICE
 Turb Source IN BIDDING PROCESS
 PwrPurchaser ICE
 PPCContractor ICE
 PPOwnrCntact J. AZOFEIFA
 His Employer ICE
 His Phone (506)20-72-49
 His Fax (506)20-14-08
 His TELEX CR 2140-ICE
 Gross Mw 55
 Net Mw 52
 TotWellProd 926 KLbs/hr.
 TDS 7500 PPM
 PP Lifetime 25 Years
 Inlet Pres 87 psig
 InitResTemp 475 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 22 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType S FLASH
 Inlet Temp 298 Degrees F
 Av Well Depth 4920 Feet
 No. ProdWells 11
 No. Inj.Wells 5
 Fail AbdWells 0
 Total Wells 18
 R C Sludge 0 Tons per Month
 FinancOrganiz IDB-ICE
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 0
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact A. MAINIERI
 His Employer ICE
 His Phone (506) 20-75-33
 His FAX (506) 31-47-37
 His TELEX CR 2140-ICE
 PP Operator ICE
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst COOLING TOWER DISP.

PP Name	PGM MIRAVALLS No 2
PP Site	MIRAVALLS
Status	P
OperDate	10/01/95
Nation	COST
SubDivision	GUANACASTE
Res Owner	ICE
Res Devel	ICE
A and E	ICE-ELC_WESTEC
PP Owner	ICE
Turb Source	IN BIDDING PROCESS
PwrPurchaser	ICE
PPContractor	ICE
PPOwnrCntact	J AZOFEIFA
His Employer	ICE
His Phone	(506)20-72-49
His Fax	(506)20-14-08
His TELEX	CR 2140-ICE
Gross Mw	55
Net Mw	52
TotWellProd	926 KLbs/hr.
TDS	7500 PPM
PP Lifetime	25 Years
Inlet Pres	87 psig
InitResTemp	475 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	22 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	S. FLASH
Inlet Temp	298 Degrees F
Av Well Depth	4920 Feet
No. ProdWells	10
No. Inj.Wells	5
Fail AbdWells	0
Total Wells	17
R C Sludge	0 Tons per Month
FinancOrganiz	IDB-ICE
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	0
PPShutDownYr	0
GenrtrSource	IN BIDDING PROCESS
ResOwnrCntact	A. MAINIERI
His Employer	ICE
His Phone	(506)20-75-33
His FAX	(506)31-47-37
His TELEX	CR 2140-ICE
PP Operator	ICE
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	NONE LISTED

EL SALVADOR

PP Name	AHUACHAPAN I
PP Site	AHUACHAPAN
Status	0
OperDate	00/00/75
Nation	ELSA
SubDivision	N/A
Res Owner	N/A
Res Devel	N/A
A and E	N/A
PP Owner	N/A
Turb Source	N/A
PwrPurchaser	N/A
PPContractor	N/A
PPOwnrCntact	GUSTAVO CUELLAR
His Employer	CONSULTANT
His Phone	503/28-4586
His Fax	503/23-1654
His TELEX	N/A
Gross Mw	30
Net Mw	30
TotWellProd	5 KLbs/hr.
TDS	16000 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	460 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	S FLASH
Inlet Temp	0 Degrees F
Av Well Depth	2975 Feet
No. ProdWells	16
No. Inj.Wells	4
Fail AbdWells	5
Total Wells	20
R C Sludge	0 Tons per Month
FinancOrganiz	N/A
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1975
PPShutDownYr	0
GenrtrSource	N/A
ResOwnrCntact	GUSTAVO CUELLAR
His Employer	CONSULTANT
His Phone	503/28-4586
His FAX	503/23-1654
His TELEX	N/A
PP Operator	N/A
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	AHUACHAPAN II
PP Site	AHUACHAPAN
Status	O
OperDate	00/00/76
Nation	ELSA
SubDivision	N/A
Res Owner	N/A
Res Devel	N/A
A and E	N/A
PP Owner	N/A
Turb Source	N/A
PwrPurchaser	N/A
PPContractor	N/A
PPOwnrCntact	GUSTAVO CUELLAR
His Employer	CONSULTANT
His Phone	503/28-4586
His Fax	503/23-1654
His TELEX	N/A
Gross Mw	30
Net Mw	30
TotWellProd	5 KLbs/hr.
TDS	16000 PPM
PP Lifetime	15 Years
Inlet Pres	0 psig
InitResTemp	460 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	S FLASH
Inlet Temp	0 Degrees F
Av Well Depth	2975 Feet
No. ProdWells	16
No. Inj.Wells	4
Fail AbdWells	5
Total Wells	20
R C Sludge	0 Tons per Month
FinancOrganiz	N/A
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1976
PPShutDownYr	0
GenrtrSource	N/A
ResOwnrCntact	GUSTAVO CUELLAR
His Employer	CONSULTANT
His Phone	503/28-4586
His FAX	503/23-1654
His TELEX	N/A
PP Operator	
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	AHUACHAPAN III
PP Site	AHUACHAPAN
Status	0
OperDate	00/00/81
Nation	ELSA
SubDivision	N/A
Res Owner	N/A
Res Devel	N/A
A and E	N/A
PP Owner	N/A
Turb Source	N/A
PwrPurchaser	N/A
PPContractor	N/A
PPOwnrCntact	GUSTAVO CUELLAR
His Employer	CONSULTANT
His Phone	503/28-4586
His Fax	503/23-1654
His TELEX	N/A
Gross Mw	35
Net Mw	35
TotWellProd	5 KLbs/hr.
TDS	16000 PPM
PP Lifetime	15 Years
Inlet Pres	0 psig
InitResTemp	460 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D FLASH
Inlet Temp	0 Degrees F
Av Well Depth	2975 Feet
No. ProdWells	16
No. Inj.Wells	4
Fail AbdWells	5
Total Wells	20
R C Sludge	0 Tons per Month
FinancOrganiz	N/A
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1981
PPShutDownYr	0
GenrtrSource	N/A
ResOwnrCntact	GUSTAVO CUELLAR
His Employer	CONSULTANT
His Phone	503/28-4586
His FAX	503/23-1654
His TELEX	N/A
PP Operator	N/A
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

FRANCE

PP Name BOUILLANTE
 PP Site GUADELOUPE
 Status 0
 OperDate / /
 Nation FRAN
 SubDivision GUADELOUPE
 Res Owner N/A
 Res Devel N/A
 A and E N/A
 PP Owner N/A
 Turb Source N/A
 PwrPurchaser N/A
 PPContractor N/A
 PPOwnrCntact FLORENCE JAUDIN
 His Employer BRGM
 His Phone 33/38.64.31.61
 His Fax 33/38.64.35.18
 His TELEX BRGM 780258 F
 Gross Mw 4
 Net Mw 4
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 0 Years
 Inlet Pres 0 psig
 InitResTemp 0 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType 2 ST.CON
 Inlet Temp 0 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 0
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact FLORENCE JAUDIN
 His Employer BRGM
 His Phone 33/38.64.31.61
 His FAX 33/38.64.35.18
 His TELEX BRGM 780258 F
 PP Operator
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

GREECE

PP Name MILOS PILOTPLANT
 PP Site ZEPHYRIA, MILOS
 Status N
 OperDate 12/30/86
 Nation GREE
 SubDivision CYCLADES ISLANDS
 Res Owner PUBLIC POWER CORP.
 Res Devel PPC
 A and E PPC
 PP Owner PPC
 Turb Source MITSUBISHI CORP.
 PwrPurchaser PPC
 PPContractor MITSUBISHI
 PPOwnrCntact MRS. E. DELLIOU
 His Employer PPC DEME
 His Phone 3621210
 His Fax 3614709
 His TELEX 226310
 Gross Mw 2
 Net Mw 1
 TotWellProd 99792 KLbs/hr.
 TDS 120 PPM
 PP Lifetime 0 Years
 Inlet Pres 25 psig
 InitResTemp 608 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 2 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 2 \$US Millions
 TotProjCost 3 \$US Millions
 Availability 0 %
 Yr. of Avail 1986

PPCycleType S FLASH
 Inlet Temp 435 Degrees F
 Av Well Depth 3936 Feet
 No. ProdWells 1
 No. Inj.Wells 1
 Fail AbdWells 0
 Total Wells 1
 R C Sludge 0 Tons per Month
 FinancOrganiz PPC, COMM EUROPEAN COMMUN.
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1986
 PPShutDownYr 1988
 GenrtrSource MITSUBISHI CORP.
 ResOwnrCntact DIR. OF PUBLIC MINES
 His Employer MINISTRY OF INDUSTRY
 His Phone 01-7789454
 His FAX 7772485
 His TELEX 215811
 PP Operator PPC, DEME
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 1 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst STEAM GAS EJECTOR

GUATAMELA

PP Name	ZUNIL 1
PP Site	ZUNIL
Status	P
OperDate	06/30/93
Nation	GUAT
SubDivision	QUETZALTENANGO
Res Owner	INDE
Res Devel	INDE
A and E	MKF,MKN,C&M
PP Owner	INDE
Turb Source	IN BIDDING PROCESS
PwrPurchaser	EEGSA/INDE
PPContractor	IN BIDDING PROCESS
PPOwnrCntact	ANGEL A. CAICEDO
His Employer	INDE
His Phone	345719 EXT 2216
His Fax	345785
His TELEX	5324 GU
Gross Mw	17
Net Mw	15
TotWellProd	285 KLbs/hr.
TDS	3100 PPM
PP Lifetime	20 Years
Inlet Pres	101 psig
InitResTemp	482 Degrees F
TotExplCost	2 \$US Millions
Av Well Cost	4 \$US Millions
Subsurf Area	1 Sq.Km
Tot PP Cost	16 \$US Millions
TotProjCost	24 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	S FLASH
Inlet Temp	365 Degrees F
Av Well Depth	3280 Feet
No. ProdWells	4
No. Inj.Wells	0
Fail AbdWells	2
Total Wells	8
R C Sludge	0 Tons per Month
FinancOrganiz	BID
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1993
PPShutDownYr	0
GenrtrSource	IN BIDDING PROCESS
ResOwnrCntact	ANGEL A. CAICEDO
His Employer	UDG/INDE
His Phone	345711/19 EXT 2216
His FAX	345785
His TELEX	5324 GU
PP Operator	UDG/INDE
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	NONE

ICELAND

PP Name BJARNARFALG, GUFUSTOO
 PP Site NAMAFJALL
 Status 0
 OperDate 03/30/69
 Nation ICE
 SubDivision NONE
 Res Owner LANDSVIRKJUN
 Res Devel LANDSVIRKJUN
 A and E VERMIR
 PP Owner LANDSVIRKJUN
 Turb Source BRITISH THOMPSON-BTH
 PwrPurchaser LANDSVIRKJUN, RARIK
 PPContractor NONE
 PPOwnrCntact KNUTUR OTTERSTEDT
 His Employer LANDSVIRKJUN
 His Phone 354611000
 His Fax 354611011
 His TELEX NONE
 Gross Mw 3
 Net Mw 2
 TotWellProd 356 KLbs/hr.
 TDS 750 PPM
 PP Lifetime 20 Years
 Inlet Pres 135 psig
 InitResTemp 572 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 1 \$US Millions
 Subsurf Area 5 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 43 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 360 Degrees F
 Av Well Depth 6432 Feet
 No. ProdWells 2
 No. Inj.Wells 0
 Fail AbdWells 9
 Total Wells 3
 R C Sludge 0 Tons per Month
 FinancOrganiz NONE LISTED
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1969
 PPShutDownYr 0
 GenrtrSource ASEA (SWEDEN)
 ResOwnrCntact KNUTUR OTTERSTEDT
 His Employer LANDSVIRKJUN
 His Phone 354611000
 His FAX 354214727
 His TELEX NONE
 PP Operator LANDSVIRKJUN
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 9500000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst ATMOSPHERIC EXHAUST

PP Name KROFLUSTOO U-1
 PP Site KRAFLA
 Status 0
 OperDate 02/28/78
 Nation ICE
 SubDivision NONE
 Res Owner LANDSVIRKJUN
 Res Devel LANDSVIRKJUN
 A and E VST, ROGERS, VIRKIR
 PP Owner LND SVIRKJUN
 Turb Source MITSUBISHI
 Pwr Purchaser LANDSVIRKJUN
 PP Contractor MIOFELL, SLIP., STJOR.
 PP Owner Contact KNUTUR OTTERSTEDT
 His Employer LANDSVIRKJUN
 His Phone 354611000
 His Fax 354611011
 His TELEX NONE
 Gross Mw 30
 Net Mw 28
 Tot Well Prod 1821 KLbs/hr.
 TDS 1250 PPM
 PP Lifetime 30 Years
 Inlet Pres 95 psig
 Init Res Temp 572 Degrees F
 Tot Expl Cost 2 \$US Millions
 Av Well Cost 1 \$US Millions
 Subsurf Area 20 Sq. Km
 Tot PP Cost 45 \$US Millions
 Tot Proj Cost 77 \$US Millions
 Availability 72 %
 Yr. of Avail 1989

PPCycleType D FLASH
 Inlet Temp 337 Degrees F
 Av Well Depth 5910 Feet
 No. Prod Wells 11
 No. Inj. Wells 0
 Fail Abd Wells 9
 Total Wells 12
 R C Sludge 0 Tons per Month
 Financ Organiz GOVT. OF ICELAND
 Pwr Sale Price ????? \$US per KWH
 PPCmpltn Year 1977
 PP Shut Down Yr 0
 Genrtr Source MITSUBISHI
 Res Owner Contact KNUTUR OTTERSTEDT
 His Employer LANDSVIRKJUN
 His Phone 354611000
 His FAX 354611011
 His TELEX NONE
 PP Operator LANDSVIRKJUN
 Gath Syst Cost 8 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 1751910000 KWH per Year
 Power Sales Yr ?????
 Initial Tot NCG 2 Weight %
 Initial CO2 ???? Weight %
 Initial H2S ???? Weight %
 Current Tot NCG 1 Weight %
 Current CO2 ???? Weight %
 Current H2S ???? Weight %
 NCG Trtmt Syst 2 STAGE EJECTORS

PP Name	SVARTSENGI OV-1
PP Site	SVARTSENGI
Status	0
OperDate	12/30/77
Nation	ICE
SubDivision	NONE
Res Owner	HITAVEITA SURDURNES
Res Devel	ORKUSTOFNUN
A and E	VGK, FJARHITUN
PP Owner	HITAVEITA SURDURNES
Turb Source	AEG-KANIS (GERMANY)
PwrPurchaser	HITAVEITA SURDURNES
PPContractor	ISTAK, VELSM, ORMS, VIG
PPOwnrCntact	GEIR POROLFSSON
His Employer	HITAVEITA SURDURNES
His Phone	354268326
His Fax	354268693
His TELEX	NONE
Gross Mw	2
Net Mw	1
TotWellProd	2238 KLbs/hr.
TDS	21886 PPM
PP Lifetime	20 Years
Inlet Pres	71 psig
InitResTemp	464 Degrees F
TotExplCost	2 \$US Millions
Av Well Cost	1 \$US Millions
Subsurf Area	10 Sq.Km
Tot PP Cost	23 \$US Millions
TotProjCost	31 \$US Millions
Availability	63 %
Yr. of Avail	1989

PPCycleType	S FLASH
Inlet Temp	318 Degrees F
Av Well Depth	4487 Feet
No. ProdWells	6
No. Inj.Wells	1
Fail AbdWells	3
Total Wells	7
R C Sludge	0 Tons per Month
FinancOrganiz	NAT.BANK OF ICELAND
PwrSalePrice	???? \$US per KWH
PPCmpltYear	1978
PPShutDownYr	0
GenrtrSource	AEG (GERMANY)
ResOwnrCntact	ALBERT ALBERTSSON
His Employer	HITAVEITA SURDURNES
His Phone	354115200
His FAX	354214727
His TELEX	NONE
PP Operator	HITAVEITA SURDURNES
GathSystCost	3 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	10300000 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	1 STAGE EJECTOR

PP Name SVARTSENGI OV-3
 PP Site SVARTSENGI
 Status 0
 OperDate 01/30/81
 Nation ICE
 SubDivision NONE
 Res Owner HITAVEITA SURDURNES
 Res Devel HITAVEITA SURDURNES
 A and E VGK, FJARHITUN
 PP Owner HITAVEITA SURDURNES
 Turb Source FUJI ELECTRIC
 PwrPurchaser HITAVEITA SURDURNES
 PPContractor VELSM, ORMS, VIGLUNDAR
 PPOwnrCntact GEIR POROLFSSON
 His Employer HITAVEITA SURDURNES
 His Phone 354268326
 His Fax 354268693
 His TELEX NONE
 Gross Mw 6
 Net Mw 6
 TotWellProd 2238 KLbs/hr.
 TDS 21886 PPM
 PP Lifetime 20 Years
 Inlet Pres 64 psig
 InitResTemp 464 Degrees F
 TotExplCost 2 \$US Millions
 Av Well Cost 1 \$US Millions
 Subsurf Area 10 Sq.Km
 Tot PP Cost 23 \$US Millions
 TotProjCost 31 \$US Millions
 Availability 89 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 312 Degrees F
 Av Well Depth 4487 Feet
 No. ProdWells 6
 No. Inj.Wells 1
 Fail AbdWells 3
 Total Wells 7
 R C Sludge 0 Tons per Month
 FinancOrganiz NAT. BANK OF ICELAND
 PwrSalePrice ??? \$US per KWH
 PPCmpltnYear 1981
 PPShutDownYr 0
 GenrtrSource FUJI ELECTRIC
 ResOwnrCntact ALBERT ALBERTSSON
 His Employer HITAVEITA SURDURNES
 His Phone 354215200
 His FAX 354214727
 His TELEX NONE
 PP Operator HITAVEITA SURDURNES
 GathSystCost 3 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 46700000 KWH per Year
 PowerSalesYr ???
 InitialTotNCG 0 Weight %
 Initial CO2 ??? Weight %
 Initial H2S ??? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ??? Weight %
 CurrentH2S ??? Weight %
 NCGTrtmtSyst 1 STAGE EJECTOR

PP Name	SVARTSENGI OV-4
PP Site	SVARTSENGI
Status	0
OperDate	09/30/89
Nation	ICE
SubDivision	NONE
Res Owner	HITAVEITA SURDURNES
Res Devel	HITAVEITA SURDURNES
A and E	VARMAVERK
PP Owner	HITAVEITA SURDURNES
Turb Source	ORMAT TURB.(ISRAEL)
PwrPurchaser	HITAVEITA SURDURNES
PPContractor	VARMAVERK, VELSM, ORMS
PPOwnrCntact	GEIR POROLFSSON
His Employer	HITAVEITA SURDURNES
His Phone	354268326
His Fax	354268693
His TELEX	NONE
Gross Mw	6
Net Mw	6
TotWellProd	2238 KLbs/hr.
TDS	21886 PPM
PP Lifetime	20 Years
Inlet Pres	2 psig
InitResTemp	464 Degrees F
TotExplCost	2 \$US Millions
Av Well Cost	1 \$US Millions
Subsurf Area	10 Sq.Km
Tot PP.Cost	3 \$US Millions
TotProjCost	5 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	BINARY
Inlet Temp	217 Degrees F
Av Well Depth	4487 Feet
No. ProdWells	6
No. Inj.Wells	1
Fail AbdWells	3
Total Wells	7
R C Sludge	0 Tons per Month
FinancOrganiz	NORDIC INVESTMENT BANK
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1989
PPShutDownYr	0
GenrtrSource	KATO ENGINEERING -U
ResOwnrCntact	ALBERT ALBERTSSON
His Employer	HITAVEITA SURDURNES
His Phone	354215200
His FAX	354214727
His TELEX	NONE
PP Operator	HITAVEITA SURDURNES
GathSystCost	1 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	7800000 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	CONDENSER VENT

INDONESIA

PP Name	DIENG MONOBLOCK
PP Site	CENTRAL JAVA
Status	0
OperDate	/ /82
Nation	INDO
SubDivision	JAVA
Res Owner	PERTAMINA
Res Devel	PERTAMINA
A and E	GEOTHERMAL POWER CO
PP Owner	PLN
Turb Source	GEOTHERMAL POWER CO
PwrPurchaser	PLN
PPContractor	GEOTHERMAL POWER CO
PPOwnrCntact	VINCENT T. RADJA
His Employer	PLN
His Phone	
His Fax	
His TELEX	
Gross Mw	2
Net Mw	2
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	85 psig
InitResTemp	600 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	BK PRESS
Inlet Temp	328 Degrees F
Av Well Depth	0 Feet
No. ProdWells	1
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	1
R C Sludge	0 Tons per Month
FinancOrganiz	PERTAMINA
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1982
PPShutDownYr	0
GenrtrSource	GEOTHERMAL POWER CO
ResOwnrCntact	VINCENT T. RADJA
His Employer	PLN
His Phone	
His FAX	
His TELEX	
PP Operator	PLN
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	2 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	KAMOJANG UNIT 1
PP Site	WEST JAVA
Status	0
OperDate	02/15/83
Nation	INDO
SubDivision	JAVA
Res Owner	PERTAMINA
Res Devel	PERTAMINA
A and E	PERTAMINA
PP Owner	PLN
Turb Source	N/A
PwrPurchaser	PLN
PPContractor	GENZL, NEW ZEALAND
PPOwnrCntact	VINCENT RADJA
His Employer	PLN
His Phone	N/A
His Fax	N/A
His TELEX	N/A
Gross Mw	30
Net Mw	30
TotWellProd	2 KLbs/hr.
TDS	0 PPM
PP Lifetime	15 Years
Inlet Pres	0 psig
InitResTemp	490 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	0 Degrees F
Av Well Depth	4280 Feet
No. ProdWells	28
No. Inj.Wells	0
Fail AbdWells	20
Total Wells	48
R C Sludge	0 Tons per Month
FinancOrganiz	GENZL, NEW ZEALAND
PwrSalePrice	???? \$US per KWH
PPCmpltnYear	1983
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	VINCENT T. RADJA
His Employer	PLN
His Phone	
His FAX	
His TELEX	
PP Operator	PLN
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name KAMOJANG UNITS 2 & 3
 PP Site WEST JAVA
 Status 0
 OperDate 02/03/87
 Nation INDO
 SubDivision JAVA
 Res Owner PERTAMINA
 Res Devel PERTAMINA
 A and E GENZL, NEW ZEALAND
 PP Owner PLN
 Turb Source N/A
 PwrPurchaser PLN
 PPContractor GENZL, NEW ZEALAND
 PPOwnrCntact VINCENT T. RADJA
 His Employer PLN
 His Phone
 His Fax
 His TELEX
 Gross Mw 110
 Net Mw 110
 TotWellProd 2 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 15 Years
 Inlet Pres 0 psig
 InitResTemp 490 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType D STEAM
 Inlet Temp 0 Degrees F
 Av Well Depth 4280 Feet
 No. ProdWells 28
 No. Inj.Wells 0
 Fail AbdWells 20
 Total Wells 48
 R C Sludge 0 Tons per Month
 FinancOrganiz GENZL, NEW ZEALAND
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1987
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact VINCENT T. RADJA
 His Employer PLN
 His Phone
 His FAX
 His TELEX
 PP Operator PLN
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ??? Weight %
 Initial H2S ??? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ??? Weight %
 CurrentH2S ??? Weight %
 NCGTrtmtSyst N/A

PP Name KAMOJANG MONOBLOCK
 PP Site WEST JAVA
 Status 0
 OperDate / /79
 Nation INDO
 SubDivision JAVA
 Res Owner PERATMINA
 Res Devel PERTAMINA
 A and E GEOTHERMAL POWER CO
 PP Owner PERTAMINA
 Turb Source GEOTHERMAL POWER CO
 PwrPurchaser PERTAMINA
 PPContractor GEOTHERMAL POWER CO
 PPOwnrCntact VINCENT T. RADJA
 His Employer PLN
 His Phone
 His Fax
 His TELEX
 Gross Mw 0
 Net Mw 0
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 21 Years
 Inlet Pres 0 psig
 InitResTemp 490 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType BK PRESS
 Inlet Temp 0 Degrees F
 Av Well Depth 2020 Feet
 No. ProdWells 1
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 1
 R C Sludge 0 Tons per Month
 FinancOrganiz PERTAMINA
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1979
 PPShutDownYr 0
 GenrtrSource GEOTHERMAL POWER CO
 ResOwnrCntact VINCENT T.RADJA
 His Employer PLN
 His Phone
 His FAX
 His TELEX
 PP Operator PERTAMINA
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ??? Weight %
 Initial H2S ??? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ??? Weight %
 CurrentH2S ??? Weight %
 NCGTrtmtSyst N/A

ITALY

PP Name SAN MARTINO
 PP Site LARDERELLO, ITALY
 Status 0
 OperDate / /88
 Nation ITAL
 SubDivision
 Res Owner ENEL
 Res Devel ENEL
 A and E ENEL
 PP Owner ENEL
 Turb Source
 PwrPurchaser ENEL
 PPContractor ENEL
 PPOwnrCntact GIAN CARLO FERRARA
 His Employer ENEL
 His Phone 50-535111
 His Fax 50-533290
 His TELEX
 Gross Mw 40
 Net Mw 40
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 0 Years
 Inlet Pres 0 psig
 InitResTemp 650 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType D STEAM
 Inlet Temp 0 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz ENEL
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1988
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact GIAN CARLO FERRARA
 His Employer ENEL
 His Phone 50-535111
 His FAX 50-533290
 His TELEX
 PP Operator ENEL
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name SASSO PISANO
 PP Site LARDERELLO, ITALY
 Status 0
 OperDate / /58
 Nation ITAL
 SubDivision
 Res Owner ENEL
 Res Devel ENEL
 A and E ENEL
 PP Owner ENEL
 Turb Source
 PwrPurchaser ENEL
 PPContractor ENEL
 PPOwnrCntact GIAN CRLO FERRARA
 His Employer ENEL
 His Phone 50-535111
 His Fax 50-533290
 His TELEX
 Gross Mw 15
 Net Mw 15
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 0 Years
 Inlet Pres 0 psig
 InitResTemp 650 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType D STEAM
 Inlet Temp 0 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz ENEL
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1958
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact GIAN CARLO FERRARA
 His Employer ENEL
 His Phone 50-535111
 His FAX 50-533290
 His TELEX
 PP Operator ENEL
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name SASSO PISANO 3
 PP Site LARDERELLO, ITALY
 Status P
 OperDate / /
 Nation ITAL
 SubDivision
 Res Owner ENEL
 Res Devel ENEL
 A and E ENEL
 PP Owner ENEL
 Turb Source
 PwrPurchaser ENEL
 PPContractor ENEL
 PPOwnrCntact GIAN CARLO FERRARA
 His Employer ENEL
 His Phone 50-535111
 His Fax 50-533290
 His TELEX
 Gross Mw 20
 Net Mw 20
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 0 Years
 Inlet Pres 0 psig
 InitResTemp 650 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType D STEAM
 Inlet Temp 0 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz ENEL
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 0
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact GIAN CARLO FERRARA
 His Employer ENEL
 His Phone 50-535111
 His FAX 50-533290
 His TELEX
 PP Operator ENEL
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name	SELVA 1
PP Site	LARDERELLO, ITALY
Status	P
OperDate	/ /
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	20
Net Mw	20
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	650 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	0
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	SERRAZANO
PP Site	LARDERELLO, ITALY
Status	0
OperDate	/ /57
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	43
Net Mw	43
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	650 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1957
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	VALLE SECOLO
PP Site	LARDERELLO, ITALY
Status	U
OperDate	/ /
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	60
Net Mw	60
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	650 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	???? \$US per KWH
PPCmpltnYear	0
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	LATERA
PP Site	LATERA, ITALY
Status	0
OperDate	/ /84
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	4
Net Mw	4
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	800 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	S FLASH
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1984
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	LATERA 2
PP Site	LATERA, ITALY
Status	P
OperDate	/ /
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	20
Net Mw	20
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	800 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D FLASH
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	???? \$US per KWH
PPCmpltnYear	0
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	LATERA 3
PP Site	LATERA, ITALY
Status	P
OperDate	/ /
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	1
Net Mw	1
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	800 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	BINARY
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	???? \$US per KWH
PPCmpltnYear	0
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	BAGNORE 1
PP Site	MT. AMIATA, ITALY
Status	0
OperDate	/ /59
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	3
Net Mw	3
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	620 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	???? \$US per KWH
PPCmpltnYear	1959
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name BAGNORE 2
 PP Site MT. AMIATA, ITALY
 Status 0
 OperDate / /62
 Nation ITAL
 SubDivision
 Res Owner ENEL
 Res Devel ENEL
 A and E ENEL
 PP Owner ENEL
 Turb Source
 PwrPurchaser ENEL
 PPContractor ENEL
 PPOwnrCntact GIAN CARLO FERRARA
 His Employer ENEL
 His Phone 50-535111
 His Fax 50-533290
 His TELEX
 Gross Mw 3
 Net Mw 3
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 0 Years
 Inlet Pres 0 psig
 InitResTemp 620 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType D STEAM
 Inlet Temp 0 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz ENEL
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1962
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact GIAN CARLO FERRARA
 His Employer ENEL
 His Phone 50-535111
 His FAX 50-533290
 His TELEX
 PP Operator ENEL
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name	BELLAVISTA
PP Site	MT.AMIATA, ITALY
Status	0
OperDate	/ /87
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	20
Net Mw	20
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	620 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1987
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	PIANCASTAGNAIO 2
PP Site	MT. AMIATA, ITALY
Status	0
OperDate	/ /69
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	15
Net Mw	15
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	620 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	???? \$US per KWH
PPCmpltnYear	1969
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	PIANCASTAGNAIO 3
PP Site	MT. AMIATA, ITALY
Status	U
OperDate	/ /
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	20
Net Mw	20
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	620 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	???? \$US per KWH
PPCmpltnYear	0
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CRLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	PIANCASTAGNAIO 4
PP Site	MT. AMIATA, ITALY
Status	U
OperDate	/ /
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	20
Net Mw	20
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	620 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	0
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	PIANCASTAGNAIO 5
PP Site	MT. AMIATA, ITALY
Status	P
OperDate	/ /
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	20
Net Mw	20
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	620 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	???? \$US per KWH
PPCmpltnYear	0
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	PIANCASTAGNAIO 6
PP Site	MT. AMIATA, ITALY
Status	P
OperDate	/ /
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	20
Net Mw	20
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	620 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	???? \$US per KWH
PPCmpltnYear	0
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	PIANNACE
PP Site	TRAVALLE-RADICONDOLI
Status	0
OperDate	/ /87
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	20
Net Mw	20
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	600 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	???? \$US per KWH
PPCmpltnYear	1987
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name RADICONDOI
 PP Site TRAVALE-RADICONDOI
 Status 0
 OperDate / /79
 Nation ITAL
 SubDivision
 Res Owner ENEL
 Res Devel ENEL
 A and E ENEL
 PP Owner
 Turb Source ENEL
 PwrPurchaser ENEL
 PPContractor ENEL
 PPOwnrCntact GIAN CARLO FERRARA
 His Employer ENEL
 His Phone 50-535111
 His Fax 50-533290
 His TELEX
 Gross Mw 15
 Net Mw 15
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 0 Years
 Inlet Pres 0 psig
 InitResTemp 600 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType D STEAM
 Inlet Temp 0 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz ENEL
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1979
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact GIAN CARLO FERRARA
 His Employer ENEL
 His Phone 50-535111
 His FAX 50-533290
 His TELEX
 PP Operator ENEL
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name	RANCIA
PP Site	TRAVALE-RADICONDOLI
Status	0
OperDate	/ /86
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	20
Net Mw	20
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	600 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	???? \$US per KWH
PPCmpltnYear	1986
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	RANCIA 2
PP Site	TRAVALE-RADICONDOI
Status	0
OperDate	/ /88
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	20
Net Mw	20
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	600 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1988
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	TRAVALE 21
PP Site	TRAVALE-RADICONDOI
Status	U
OperDate	/ /
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	1
Net Mw	1
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	600 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	BINARY
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	???? \$US per KWH
PPCmpltYr	0
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	LAGONI ROSSI 3
PP Site	LARDERELLO, ITALY
Status	0
OperDate	/ /81
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	8
Net Mw	8
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	650 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	???? \$US per KWH
PPCmpltnYear	1981
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	LA LECCIA
PP Site	LARDERELLO, ITALY
Status	0
OperDate	/ /83
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	8
Net Mw	8
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	650 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1983
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	LARDERELLO 2
PP Site	LARDERELLO, ITALY
Status	0
OperDate	/ /46
Nation	ITAL
SubDivision	N/A
Res Owner	FED. GOVT.
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	N/A
Gross Mw	58
Net Mw	58
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	45 Years
Inlet Pres	0 psig
InitResTemp	0 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	???? \$US per KWH
PPCmpltnYear	1946
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	LARDERELLO NUOVA
PP Site	LARDERELLO, ITALY
Status	P
OperDate	/ /
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	60
Net Mw	60
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	0 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	0
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name MOLINETTO 2
 PP Site LARDERELLO, ITALY
 Status 0
 OperDate / /82
 Nation ITAL
 SubDivision
 Res Owner ENEL
 Res Devel ENEL
 A and E ENEL
 PP Owner ENEL
 Turb Source
 PwrPurchaser ENEL
 PPContractor ENEL
 PPOwnrCntact GIAN CARLO FERRARA
 His Employer ENEL
 His Phone 50-535111
 His Fax 50-533290
 His TELEX
 Gross Mw 8
 Net Mw 8
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 0 Years
 Inlet Pres 0 psig
 InitResTemp 650 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType D STEAM
 Inlet Temp 0 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz ENEL
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1982
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact GIAN CARLO FERRARA
 His Employer ENEL
 His Phone 50-535111
 His FAX 50-533290
 His TELEX
 PP Operator ENEL
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name	MONTEROTONDO
PP Site	LARDERELLO, ITALY
Status	0
OperDate	/ /58
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	12
Net Mw	12
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	650 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	???? \$US per KWH
PPCmpltnYear	1958
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name MONTEVERDI 1
 PP Site LARDERELLO, ITALY
 Status P
 OperDate / /
 Nation ITAL
 SubDivision
 Res Owner ENEL
 Res Devel ENEL
 A and E ENEL
 PP Owner ENEL
 Turb Source
 PwrPurchaser ENEL
 PPContractor ENEL
 PPOwnrCntact GIAN CARLO FERRARA
 His Employer ENEL
 His Phone 50-535111
 His Fax 50-533290
 His TELEX
 Gross Mw 20
 Net Mw 20
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 0 Years
 Inlet Pres 0 psig
 InitResTemp 650 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType D STEAM
 Inlet Temp 0 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail_AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz ENEL
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 0
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact GIAN CARLO FERRARA
 His Employer ENEL
 His Phone 50-535111
 His FAX 50-533290
 His TELEX
 PP Operator ENEL
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name FARINELLO
 PP Site LARDERELLO, ITALY
 Status P
 OperDate / /
 Nation ITAL
 SubDivision
 Res Owner ENEL
 Res Devel ENEL
 A and E ENEL
 PP Owner ENEL
 Turb Source
 PwrPurchaser ENEL
 PPContractor ENEL
 PPOwnrCntact GIAN CARLO FERRARA
 His Employer ENEL
 His Phone 50-535111
 His Fax 50-533290
 His TELEX
 Gross Mw 60
 Net Mw 60
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 0 Years
 Inlet Pres 0 psig
 InitResTemp 650 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType D STEAM
 Inlet Temp 0 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz ENEL
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 0
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact GIAN CARLO FERRARA
 His Employer ENEL
 His Phone 50-535111
 His FAX 50-533290
 His TELEX
 PP Operator ENEL
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name	GABBRO
PP Site	LARDERELLO, ITALY
Status	0
OperDate	/ /69
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	15
Net Mw	15
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	650 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1969
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	LAGO
PP Site	LARDERELLO, ITALY
Status	0
OperDate	/ /60
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	33
Net Mw	33
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	650 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	???? \$US per KWH
PPCmpltnYear	1960
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	LAGONI ROSSI 3
PP Site	LARDERELLO, ITALY
Status	0
OperDate	/ /81
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	8
Net Mw	8
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	650 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1981
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	LA LECCIA
PP Site	LARDERELLO, ITALY
Status	0
OperDate	/ /83
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	8
Net Mw	8
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	650 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1983
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	LAGONI ROSSI 3
PP Site	LARDERELLO, ITALY
Status	0
OperDate	/ /81
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	8
Net Mw	8
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	650 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1981
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	LA LECCIA
PP Site	LARDERELLO, ITALY
Status	0
OperDate	/ /83
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	8
Net Mw	8
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	650 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	???? \$US per KWH
PPCmpltnYear	1983
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name LARDERELLO 2
 PP Site LARDERELLO, ITALY
 Status 0
 OperDate / /46
 Nation ITAL
 SubDivision N/A
 Res Owner FED. GOVT.
 Res Devel ENEL
 A and E ENEL
 PP Owner ENEL
 Turb Source
 PwrPurchaser ENEL
 PPContractor ENEL
 PPOwnrCntact GIAN CARLO FERRARA
 His Employer ENEL
 His Phone 50-535111
 His Fax 50-533290
 His TELEX N/A
 Gross Mw 58
 Net Mw 58
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 45 Years
 Inlet Pres 0 psig
 InitResTemp 0 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType D STEAM
 Inlet Temp 0 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz ENEL
 PwrSalePrice ??? \$US per KWH
 PPCmpltnYear 1946
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact GIAN CARLO FERRARA
 His Employer ENEL
 His Phone 50-535111
 His FAX 50-533290
 His TELEX
 PP Operator ENEL
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ???
 InitialTotNCG 0 Weight %
 Initial CO2 ??? Weight %
 Initial H2S ??? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ??? Weight %
 CurrentH2S ??? Weight %
 NCGTrtmtSyst N/A

PP Name	LARDERELLO 3
PP Site	LARDERELLO, ITALY
Status	0
OperDate	/ /50
Nation	ITAL
SubDivision	
Res Owner	ENEL
Res Devel	ENEL
A and E	ENEL
PP Owner	ENEL
Turb Source	
PwrPurchaser	ENEL
PPContractor	ENEL
PPOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His Fax	50-533290
His TELEX	
Gross Mw	98
Net Mw	98
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	700 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ENEL
PwrSalePrice	???? \$US per KWH
PPCmpltnYear	1950
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	GIAN CARLO FERRARA
His Employer	ENEL
His Phone	50-535111
His FAX	50-533290
His TELEX	
PP Operator	ENEL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

JAPAN

PP Name HATCHOBARU
 PP Site KYUSHU, JAPAN
 Status 0
 OperDate 03/77/00
 Nation JAPA
 SubDivision OITA PREFECTURE
 Res Owner
 Res Devel
 A and E
 PP Owner KYUSHU ELEC POWER CO
 Turb Source
 PwrPurchaser
 PPContractor
 PPOwnrCntact
 His Employer
 His Phone
 His Fax
 His TELEX
 Gross Mw 55
 Net Mw 55
 TotWellProd 3 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 0 Years
 Inlet Pres 6 psig
 InitResTemp 0 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 91 %
 Yr. of Avail 1989

PPCycleType D FLASH
 Inlet Temp 328 Degrees F
 Av Well Depth 4134 Feet
 No. ProdWells 13
 No. Inj.Wells 17
 Fail AbdWells 18
 Total Wells 48
 R C Sludge 0 Tons per Month
 FinancOrganiz
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1977
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact
 His Employer
 His Phone
 His FAX
 His TELEX
 PP Operator
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 432691000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ???? Weight %
 Initial H2S ???? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ???? Weight %
 CurrentH2S ???? Weight %
 NCGTrtmtSyst N/A

PP Name KAKKONDA
 PP Site N. HONSHU, JAPAN
 Status O
 OperDate 05/78/00
 Nation JAPA
 SubDivision IWATE PREFECTURE
 Res Owner
 Res Devel JAPAN METALS & CHEM
 A and E
 PP Owner TOHOKU ELECT. POWER
 Turb Source
 PwrPurchaser
 PPContractor
 PPOwnrCntact
 His Employer
 His Phone
 His Fax
 His TELEX
 Gross Mw 50
 Net Mw 50
 TotWellProd 3 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 0 Years
 Inlet Pres 3 psig
 InitResTemp 0 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 95 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 294 Degrees F
 Av Well Depth 4440 Feet
 No. ProdWells 19
 No. Inj.Wells 17
 Fail AbdWells 2
 Total Wells 38
 R C Sludge 0 Tons per Month
 FinancOrganiz
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1978
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact
 His Employer
 His Phone
 His FAX
 His TELEX
 PP Operator TOHOKU ELECT.POWER
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 352684000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ???? Weight %
 Initial H2S ???? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ???? Weight %
 CurrentH2S ???? Weight %
 NCGTrtmtSyst N/A

PP Name KIRISHIMA HOTEL
 PP Site S KYUSHU, JAPAN
 Status 0
 OperDate 02/84/00
 Nation JAPA
 SubDivision KAGOSHIMA PREFECTURE
 Res Owner
 Res Devel
 A and E
 PP Owner KIRISHIMA HOTEL
 Turb Source
 PwrPurchaser KIRISHIMA HOTEL
 PPContractor
 PPOwnrCntact
 His Employer
 His Phone
 His Fax
 His TELEX
 Gross Mw 0
 Net Mw 0
 TotWellProd 22000 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 0 Years
 Inlet Pres 3 psig
 InitResTemp 0 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 98 %
 Yr. of Avail 1989

PPCycleType BK PRESS
 Inlet Temp 286 Degrees F
 Av Well Depth 525 Feet
 No. ProdWells 2
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 2
 R C Sludge 0 Tons per Month
 FinancOrganiz
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1984
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact
 His Employer
 His Phone
 His FAX
 His TELEX
 PP Operator KIRISHIMA HOTEL
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 700000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ??? Weight %
 Initial H2S ??? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ??? Weight %
 CurrentH2S ??? Weight %
 NCGTrtmtSyst N/A

PP Name MATSUKAWA
 PP Site N. HONSHU, JAPAN
 Status 0
 OperDate / /66
 Nation JAPA
 SubDivision IWATE PREFECTURE
 Res Owner
 Res Devel
 A and E
 PP Owner JAPAN METALS & CHEM.
 Turb Source
 PwrPurchaser
 PPContractor
 PPOwnrCntact
 His Employer
 His Phone
 His Fax
 His TELEX
 Gross Mw 22
 Net Mw 22
 TotWellProd 452000 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 21 Years
 Inlet Pres 3 psig
 InitResTemp 0 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 91 %
 Yr. of Avail 1989

PPCycleType D STEAM
 Inlet Temp 294 Degrees F
 Av Well Depth 5570 Feet
 No. ProdWells 10
 No. Inj.Wells 0
 Fail AbdWells 1
 Total Wells 11
 R C Sludge 0 Tons per Month
 FinancOrganiz
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1966
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact
 His Employer
 His Phone
 His FAX
 His TELEX
 PP Operator JAPAN METALS & CHEM.
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 180380000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ???? Weight %
 Initial H2S ???? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ???? Weight %
 CurrentH2S ???? Weight %
 NCGTrtmtSyst N/A

PP Name	MORI
PP Site	S. HOKKAIDO
Status	0
OperDate	11/85/00
Nation	JAPA
SubDivision	HOKKAIDO
Res Owner	
Res Devel	
A and E	
PP Owner	DONAN/HOKKAIDO ELECT
Turb Source	
PwrPurchaser	
PPContractor	
PPOwnrCntact	
His Employer	
His Phone	
His Fax	
His TELEX	
Gross Mw	50
Net Mw	50
TotWellProd	2 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	6 psig
InitResTemp	0 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	81 %
Yr. of Avail	1989

PPCycleType	D FLASH
Inlet Temp	234 Degrees F
Av Well Depth	5556 Feet
No. ProdWells	5
No. Inj.Wells	7
Fail AbdWells	0
Total Wells	12
R C Sludge	0 Tons per Month
FinancOrganiz	
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1985
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	
His Employer	
His Phone	
His FAX	
His TELEX	
PP Operator	HOKKAIDO ELECTRIC
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	95542000 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name ONIKOBE
 PP Site N. HONSHU, JAPAN
 Status 0
 OperDate 03/75/00
 Nation JAPA
 SubDivision MIYAGI PREFECTURE
 Res Owner
 Res Devel
 A and E
 PP Owner ELEC.POWER DEVEL. CO
 Turb Source
 PwrPurchaser
 PPContractor
 PPOwnrCntact
 His Employer
 His Phone
 His Fax
 His TELEX
 Gross Mw 12
 Net Mw 12
 TotWellProd 1 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 0 Years
 Inlet Pres 2 psig
 InitResTemp 0 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 97 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 276 Degrees F
 Av Well Depth 2739 Feet
 No. ProdWells 7
 No. Inj.Wells 5
 Fail AbdWells 6
 Total Wells 18
 R C Sludge 0 Tons per Month
 FinancOrganiz
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1975
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact
 His Employer
 His Phone
 His FAX
 His TELEX
 PP Operator
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 97787000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ??? Weight %
 Initial H2S ??? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ??? Weight %
 CurrentH2S ??? Weight %
 NCGTrtmtSyst N/A

PP Name ONUMA
 PP Site N. HONSHU, JAPAN
 Status 0
 OperDate 06/74/00
 Nation JAPA
 SubDivision AKITA PREFECTURE
 Res Owner
 Res Devel
 A and E
 PP Owner MITSUBISHI METALS CO
 Turb Source
 PwrPurchaser
 PPContractor
 PPOwnrCntact
 His Employer
 His Phone
 His Fax
 His TELEX
 Gross Mw 9
 Net Mw 9
 TotWellProd 980000 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 0 Years
 Inlet Pres 1 psig
 InitResTemp 0 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 95 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 254 Degrees F
 Av Well Depth 5333 Feet
 No. ProdWells 5
 No. Inj.Wells 3
 Fail AbdWells 6
 Total Wells 14
 R C Sludge 0 Tons per Month
 FinancOrganiz
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1974
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact
 His Employer
 His Phone
 His FAX
 His TELEX
 PP Operator
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 77820000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name	OTAKE
PP Site	KYUSHU, JAPAN
Status	0
OperDate	08/67/00
Nation	JAPA
SubDivision	OITA PREFECTURE
Res Owner	
Res Devel	
A and E	
PP Owner	KYUSHU ELEC. POWER
Turb Source	
PwrPurchaser	KYUSHU ELEC. POWER
PPContractor	
PPOwnrCntact	
His Employer	
His Phone	
His Fax	
His TELEX	
Gross Mw	12
Net Mw	12
TotWellProd	1 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	1 psig
InitResTemp	0 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	100 %
Yr. of Avail	1989

PPCycleType	S FLASH
Inlet Temp	254 Degrees F
Av Well Depth	4283 Feet
No. ProdWells	6
No. Inj.Wells	19
Fail AbdWells	11
Total Wells	36
R C Sludge	0 Tons per Month
FinancOrganiz	
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1967
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	
His Employer	
His Phone	
His FAX	
His TELEX	
PP Operator	KYUSHU ELEC. POWER
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	106827000 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name SUGINOI
 PP Site KYUSHU, JAPAN
 Status 0
 OperDate 05/80/00
 Nation JAPA
 SubDivision OITA PREFECTURE
 Res Owner
 Res Devel
 A and E
 PP Owner SUGINOI HOTEL
 Turb Source
 PwrPurchaser
 PPContractor
 PPOwnrCntact
 His Employer
 His Phone
 His Fax
 His TELEX
 Gross Mw 3
 Net Mw 3
 TotWellProd 69000 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 0 Years
 Inlet Pres 3 psig
 InitResTemp 0 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 98 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 286 Degrees F
 Av Well Depth 902 Feet
 No. ProdWells 5
 No. Inj.Wells 0
 Fail AbdWells 5
 Total Wells 10
 R C Sludge 0 Tons per Month
 FinancOrganiz
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1980
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact
 His Employer
 His Phone
 His FAX
 His TELEX
 PP Operator SUGINOI HOTEL
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 14122000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

KENYA

PP Name OLKARIA UNITS 1,2,3
 PP Site OLKARIA
 Status 0
 OperDate 06/30/81
 Nation KENY
 SubDivision NAK
 Res Owner KENYA GOVT.
 Res Devel KENYA POWER & LIGHT
 A and E M&M, VIRKIR
 PP Owner KENYA POWER CO. LTD
 Turb Source MITSUBISHI
 PwrPurchaser KENYA POWER & LIGHT
 PPContractor MITSUBISHI/MOWLEM
 PPOwnrCntact S.K.MAINA
 His Employer KENYA POWER & LIGHT
 His Phone 254-0311-20233
 His Fax 254-2-337351
 His TELEX 22253 ELECTRIC
 Gross Mw 48
 Net Mw 45
 TotWellProd 1108 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 25 Years
 Inlet Pres 64 psig
 InitResTemp 570 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 1 \$US Millions
 Subsurf Area 6 Sq.Km
 Tot PP Cost 39 \$US Millions
 TotProjCost 60 \$US Millions
 Availability 0 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 302 Degrees F
 Av Well Depth 4559 Feet
 No. ProdWells 26
 No. Inj.Wells 0
 Fail AbdWells 3
 Total Wells 29
 R C Sludge 0 Tons per Month
 FinancOrganiz WORLD BANK
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 81-5
 PPShutDownYr 0
 GenrtrSource MITSUBISHI
 ResOwnrCntact BWIRE OJIAMBO
 His Employer KENYA POWER & LIGHT
 His Phone 254-2-21251
 His FAX 254-2-337351
 His TELEX 22253-ELECTRIC
 PP Operator KENYA POWER & LIGHT
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst CHIMNEYS

MEXICO

PP Name	LOS AZUFRES UNIDAD 3
PP Site	LOS AZUFRES
Status	O
OperDate	08/30/82
Nation	MEXI
SubDivision	MICHOACAN
Res Owner	MEXICAN GOVERNMENT
Res Devel	CFE
A and E	CFE
PP Owner	MEXICAN GOVERNMENT
Turb Source	MITSUBISHI
PwrPurchaser	N/A
PPContractor	CFE
PPOwnrCntact	DR. GERARDO HIRIART
His Employer	CFE
His Phone	(451)439-70
His Fax	(451)447-45
His TELEX	69623-PGTEME
Gross Mw	5
Net Mw	4
TotWellProd	134 KLbs/hr.
TDS	7762 PPM
PP Lifetime	20 Years
Inlet Pres	116 psig
InitResTemp	574 Degrees F
TotExplCost	2 \$US Millions
Av Well Cost	2 \$US Millions
Subsurf Area	23 Sq.Km
Tot PP Cost	2 \$US Millions
TotProjCost	4 \$US Millions
Availability	97 %
Yr. of Avail	1989

PPCycleType	S FLASH
Inlet Temp	339 Degrees F
Av Well Depth	4920 Feet
No. ProdWells	1
No. Inj.Wells	2
Fail AbdWells	0
Total Wells	3
R C Sludge	0 Tons per Month
FinancOrganiz	MEXICAN GOVERNMENT
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1982
PPShutDownYr	0
GenrtrSource	MITSUBISHI
ResOwnrCntact	DR. GERARDO HIRIART
His Employer	CFE
His Phone	(451)439-70
His FAX	(451)447-35
His TELEX	69623-PGTEME
PP Operator	N/A
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	40941640 KWH per Year
PowerSalesYr	????
InitialTotNCG	2 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	3 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	NONE

PP Name LOS AZUFRES UNIDAD 4
 PP Site LOS AZUFRES
 Status 0
 OperDate 08/30/82
 Nation MEXI
 SubDivision MICHOACAN
 Res Owner MEXICAN GOVERNMENT
 Res Devel CFE
 A and E CFE
 PP Owner MEXICAN GOVERNMENT
 Turb Source MITSUBISHI
 PwrPurchaser N/A
 PPContractor CFE
 PPOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His Fax (451)447-45
 His TELEX 69623-PGTEME
 Gross Mw 5
 Net Mw 4
 TotWellProd 123 KLbs/hr.
 TDS 6572 PPM
 PP Lifetime 20 Years
 Inlet Pres 116 psig
 InitResTemp 536 Degrees F
 TotExplCost 2 \$US Millions
 Av Well Cost 1 \$US Millions
 Subsurf Area 23 Sq.Km
 Tot PP Cost 2 \$US Millions
 TotProjCost 4 \$US Millions
 Availability 33 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 339 Degrees F
 Av Well Depth 3998 Feet
 No. ProdWells 1
 No. Inj.Wells 2
 Fail AbdWells 0
 Total Wells 3
 R C Sludge 0 Tons per Month
 FinancOrganiz MEXICAN GOVERNMENT
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1982
 PPShutDownYr 0
 GenrtrSource MITSUBISHI
 ResOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His FAX (451)447-35
 His TELEX 69623-PGTEME
 PP Operator N/A
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 12479630 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 1 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 1 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst NONE

PP Name LOS AZUFRES UNIDAD 5
 PP Site LOS AZUFRES
 Status 0
 OperDate 08/30/82
 Nation MEXI
 SubDivision MICHOACAN
 Res Owner MEXICAN GOVERNMENT
 Res Devel CFE
 A and E CFE
 PP Owner MEXICAN GOVERNMENT
 Turb Source MITSUBISHI
 PwrPurchaser N/A
 PPCContractor CFE
 PPOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His Fax (451)447-45
 His TELEX 69623-PGTEME
 Gross Mw 5
 Net Mw 4
 TotWellProd 105 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 20 Years
 Inlet Pres 116 psig
 InitResTemp 674 Degrees F
 TotExplCost 2 \$US Millions
 Av Well Cost 2 \$US Millions
 Subsurf Area 23 Sq.Km
 Tot PP Cost 2 \$US Millions
 TotProjCost 6 \$US Millions
 Availability 89 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 339 Degrees F
 Av Well Depth 5346 Feet
 No. ProdWells 2
 No. Inj.Wells 2
 Fail AbdWells 0
 Total Wells 4
 R C Sludge 0 Tons per Month
 FinancOrganiz MEXICAN GOVERNMENT
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1982
 PPShutDownYr 0
 GenrtrSource MITSUBISHI
 ResOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His FAX (451)447-35
 His TELEX 69623-PGTEME
 PP Operator N/A
 GathSystCost 1 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 16410940 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ??? Weight %
 Initial H2S ??? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ??? Weight %
 CurrentH2S ??? Weight %
 NCGTrtmtSyst NONE

PP Name LOS AZUFRES UNIDAD 6
 PP Site LOS AZUFRES
 Status 0
 OperDate 12/30/86
 Nation MEXI
 SubDivision MICHOACAN
 Res Owner MEXICAN GOVERNMENT
 Res Devel CFE
 A and E CFE
 PP Owner MEXICAN GOVERNMENT
 Turb Source TOSHIBA
 PwrPurchaser N/A
 PPContractor CFE
 PPOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His Fax (451)447-45
 His TELEX 69623-PGTEME
 Gross Mw 5
 Net Mw 4
 TotWellProd 154 KLbs/hr.
 TDS 8387 PPM
 PP Lifetime 20 Years
 Inlet Pres 123 psig
 InitResTemp 556 Degrees F
 TotExplCost 2 \$US Millions
 Av Well Cost 1 \$US Millions
 Subsurf Area 23 Sq.Km
 Tot PP Cost 2 \$US Millions
 TotProjCost 4 \$US Millions
 Availability 95 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 347 Degrees F
 Av Well Depth 4356 Feet
 No. ProdWells 1
 No. Inj.Wells 0
 Fail AbdWells 1
 Total Wells 2
 R C Sludge 0 Tons per Month
 FinancOrganiz MEXICAN GOVERNMENT
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1986
 PPShutDownYr 0
 GenrtrSource TOSHIBA
 ResOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His FAX (451)447-35
 His TELEX 69623-PGTEME
 PP Operator N/A
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 36146806 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 7 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 8 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst NONE

PP Name LOS AZUFRES UNIDAD 7
 PP Site LOS AZU. TEJAMANILES
 Status 0
 OperDate 12/30/88
 Nation MEXI
 SubDivision MICHOACAN
 Res Owner MEXICAN GOVERNMENT
 Res Devel CFE
 A and E CFE
 PP Owner MEXICAN GOVERNMENT
 Turb Source GENERAL ELECTRIC
 PwrPurchaser N/A
 PPContractor CFE
 PPOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His Fax (451)447-45
 His TELEX 69623-PGTEME
 Gross Mw 50
 Net Mw 47
 TotWellProd 836 KLbs/hr.
 TDS 9511 PPM
 PP Lifetime 20 Years
 Inlet Pres 112 psig
 InitResTemp 525 Degrees F
 TotExplCost 2 \$US Millions
 Av Well Cost 2 \$US Millions
 Subsurf Area 23 Sq.Km
 Tot PP Cost 31 \$US Millions
 TotProjCost 52 \$US Millions
 Availability 74 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 337 Degrees F
 Av Well Depth 4920 Feet
 No. ProdWells 8
 No. Inj.Wells 2
 Fail AbdWells 2
 Total Wells 12
 R C Sludge 0 Tons per Month
 FinancOrganiz MEXICAN GOVERNMENT
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1988
 PPShutDownYr 0
 GenrtrSource GENERAL ELECTRIC
 ResOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His FAX (451)447-35
 His TELEX 69623-PGTEME
 PP Operator N/A
 GathSystCost 3 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 281957248 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 3 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 2 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst COMBUSTION

PP Name LOS AZUFRES UNIDAD 8
 PP Site LOS AZUFRES
 Status U
 OperDate / /
 Nation MEXI
 SubDivision MICHOCAN
 Res Owner MEXICAN GOVERNMENT
 Res Devel CFE
 A and E CFE
 PP Owner MEXICAN GOVERNMENT
 Turb Source ANSALDO-MAKROTEK
 PwrPurchaser N/A
 PPContractor CFE
 PPOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His Fax (451)447-45
 His TELEX 69623-PGTEME
 Gross Mw 5
 Net Mw 4
 TotWellProd 143 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 20 Years
 Inlet Pres 125 psig
 InitResTemp 631 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 2 \$US Millions
 Subsurf Area 23 Sq.Km
 Tot PP Cost 2 \$US Millions
 TotProjCost 4 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType S FLASH
 Inlet Temp 346 Degrees F
 Av Well Depth 6396 Feet
 No. ProdWells 1
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 1
 R C Sludge 0 Tons per Month
 FinancOrganiz MEXICAN GOVERNMENT
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 0
 PPShutDownYr 0
 GenrtrSource ANSALDO-MAKROTEK
 ResOwnrCntact DR GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His FAX (451)447-35
 His TELEX 69623-PGTEME
 PP Operator N/A
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst NONE

PP Name LOS AZUFRES UNIDAD 9
 PP Site LOS AZUFRES
 Status U
 OperDate / /
 Nation MEXI
 SubDivision MICHOCAN
 Res Owner MEXICAN GOVERNMENT
 Res Devel CFE
 A and E CFE
 PP Owner MEXICAN GOVERNMENT
 Turb Source ANSALDO-MAKROTEK
 PwrPurchaser N/A
 PPCContractor CFE
 PPOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His Fax (451)447-45
 His TELEX 69623-PGTEME
 Gross Mw 5
 Net Mw 4
 TotWellProd 123 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 20 Years
 Inlet Pres 125 psig
 InitResTemp 538 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 2 \$US Millions
 Subsurf Area 23 Sq.Km
 Tot PP Cost 2 \$US Millions
 TotProjCost 4 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType S FLASH
 Inlet Temp 346 Degrees F
 Av Well Depth 4982 Feet
 No. ProdWells 1
 No. Inj.Wells 0
 Fail AbdWells 1
 Total Wells 1
 R C Sludge 0 Tons per Month
 FinancOrganiz MEXICAN GOVERNMENT
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 0
 PPShutDownYr 0
 GenrtrSource ANSALDO-MAKROTEK
 ResOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His FAX (451)447-35
 His TELEX 69623-PGTEME
 PP Operator N/A
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst NONE

PP Name LOS AZUFRES UNIDAD10
 PP Site LOS AZUFRES
 Status U
 OperDate / /
 Nation MEXI
 SubDivision MICHOACAN
 Res Owner MEXICAN GOVERNMENT
 Res Devel CFE
 A and E CFE
 PP Owner MEXICAN GOVERNMENT
 Turb Source ANSALDO-MAKROTEK
 PwrPurchaser N/A
 PPContractor CFE
 PPOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His Fax (451)447-45
 His TELEX 69623-PGTEME
 Gross Mw 5
 Net Mw 4
 TotWellProd 277 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 20 Years
 Inlet Pres 125 psig
 InitResTemp 581 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 2 \$US Millions
 Subsurf Area 23 Sq.Km
 Tot PP Cost 2 \$US Millions
 TotProjCost 4 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType S FLASH
 Inlet Temp 346 Degrees F
 Av Well Depth 5950 Feet
 No. ProdWells 1
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 1
 R C Sludge 0 Tons per Month
 FinancOrganiz MEXICAN GOVERNMENT
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 0
 PPShutDownYr 0
 GenrtrSource ANSALDO-MAKROTEK
 ResOwnrCntact DR.GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His FAX (451)447-35
 His TELEX 69623-PGTEME
 PP Operator N/A
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst NONE

PP Name LOS AZUFRES UNIDAD11
 PP Site LOS AZUFRES
 Status U
 OperDate / /
 Nation MEXI
 SubDivision MICHOACAN
 Res Owner MEXICAN GOVERNMENT
 Res Devel CFE
 A and E CFE
 PP Owner MEXICAN GOVERNMENT
 Turb Source ANSALDO-MAKROTEK
 PwrPurchaser N/A
 PPContractor CFE
 PPOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His Fax (451)447-45
 His TELEX 69623-PGTEME
 Gross Mw 5
 Net Mw 4
 TotWellProd 143 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 20 Years
 Inlet Pres 125 psig
 InitResTemp 531 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 1 \$US Millions
 Subsurf Area 23 Sq.Km
 Tot PP Cost 2 \$US Millions
 TotProjCost 4 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType S FLASH
 Inlet Temp 346 Degrees F
 Av Well Depth 4070 Feet
 No. ProdWells 1
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 1
 R C Sludge 0 Tons per Month
 FinancOrganiz MEXICAN GOVERNMENT
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 0
 PPShutDownYr 0
 GenrtrSource ANSALDO-MAKROTEK
 ResOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His FAX (451)447-35
 His TELEX 69623-PGTEME
 PP Operator N/A
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst NONE

PP Name LOS HUMEROS UNIDAD 2
 PP Site LOS HUMEROS
 Status U
 OperDate / /
 Nation MEXI
 SubDivision PUEBLA
 Res Owner MEXICAN GOVERNMENT
 Res Devel CFE
 A and E CFE
 PP Owner MEXICAN GOVERNMENT
 Turb Source ANSALDO-MAKROTEK
 PwrPurchaser N/A
 PPContractor CFE
 PPOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His Fax (451)447-45
 His TELEX 69623-PGTEME
 Gross Mw 5
 Net Mw 4
 TotWellProd 168 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 20 Years
 Inlet Pres 125 psig
 InitResTemp 626 Degrees F
 TotExplCost 1 \$US Millions
 Av Well Cost 2 \$US Millions
 Subsurf Area 10 Sq.Km
 Tot PP Cost 2 \$US Millions
 TotProjCost 6 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType S FLASH
 Inlet Temp 346 Degrees F
 Av Well Depth 7754 Feet
 No. ProdWells 2
 No. Inj.Wells 1
 Fail AbdWells 0
 Total Wells 3
 R C Sludge 0 Tons per Month
 FinancOrganiz MEXICAN GOVERNMENT
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 0
 PPShutDownYr 0
 GenrtrSource ANSALDO-MAKROTEK
 ResOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His FAX (451)447-35)
 His TELEX 69623-PGTEME
 PP Operator N/A
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst NONE

PP Name LOS HUMEROS UNIDAD 1
 PP Site LOS HUMEROS
 Status U
 OperDate / /
 Nation MEXI
 SubDivision PUEBLA
 Res Owner MEXICAN GOVERNMENT
 Res Devel CFE
 A and E CFE
 PP Owner MEXICAN GOVERNMENT
 Turb Source ANSALDO-MAKROTEK
 PwrPurchaser N/A
 PPContractor CFE
 PPOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His Fax (451)447-45
 His TELEX 69623-PGTEME
 Gross Mw 5
 Net Mw 4
 TotWellProd 194 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 20 Years
 Inlet Pres 125 psig
 InitResTemp 597 Degrees F
 TotExplCost 1 \$US Millions
 Av Well Cost 2 \$US Millions
 Subsurf Area 10 Sq.Km
 Tot PP Cost 2 \$US Millions
 TotProjCost 6 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType S FLASH
 Inlet Temp 346 Degrees F
 Av Well Depth 8200 Feet
 No. ProdWells 1
 No. Inj.Wells 1
 Fail AbdWells 0
 Total Wells 2
 R C Sludge 0 Tons per Month
 FinancOrganiz MEXICAN GOVERNMENT
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 0
 PPShutDownYr 0
 GenrtrSource ANSALDO-MAKROTEK
 ResOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His FAX (451)447-35
 His TELEX 69623-PGTEME
 PP Operator N/A
 GathSystCost 1 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst NONE

PP Name LOS HUMEROS UNIDAD 3
 PP Site LOS HUMEROS
 Status U
 OperDate / /
 Nation MEXI
 SubDivision PUEBLA
 Res Owner MEXICAN GOVERNMENT
 Res Devel CFE
 A and E CFE
 PP Owner MEXICAN GOVERNMENT
 Turb Source ANSALDO-MAKROTEK
 PwrPurchaser N/A
 PPContractor CFE
 PPOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His Fax (451)447-45
 His TELEX 69623-PGTEME
 Gross Mw 5
 Net Mw 4
 TotWellProd 121 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 20 Years
 Inlet Pres 125 psig
 InitResTemp 644 Degrees F
 TotExplCost 1 \$US Millions
 Av Well Cost 2 \$US Millions
 Subsurf Area 10 Sq.Km
 Tot PP Cost 2 \$US Millions
 TotProjCost 6 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType S FLASH
 Inlet Temp 346 Degrees F
 Av Well Depth 10181 Feet
 No. ProdWells 1
 No. Inj.Wells 1
 Fail AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz MEXICAN GOVERNMENT
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 0
 PPShutDownYr 0
 GenrtrSource ANSALDO-MAKROTEK
 ResOwnrCntact DR GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His FAX (451)447-35
 His TELEX 69623-PGTEME
 PP Operator N/A
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst NONE

PP Name	LOS HUMEROS UNIDAD 4
PP Site	LOS HUMEROS
Status	U
OperDate	/ /
Nation	MEXI
SubDivision	PUEBLA
Res Owner	MEXICAN GOVERNMENT
Res Devel	CFE
A and E	CFE
PP Owner	MEXICAN GOVERNMENT
Turb Source	ANSALDO-MAKROTEK
PwrPurchaser	
PPContractor	CFE
PPOwnrCntact	DR GERARDO HIRIART
His Employer	CFE
His Phone	(451)439-70
His Fax	(451)447-45
His TELEX	69623-PGTEME
Gross Mw	5
Net Mw	4
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	20 Years
Inlet Pres	125 psig
InitResTemp	635 Degrees F
TotExplCost	1 \$US Millions
Av Well Cost	2 \$US Millions
Subsurf Area	10 Sq.Km
Tot PP Cost	2 \$US Millions
TotProjCost	4 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	S FLASH
Inlet Temp	346 Degrees F
Av Well Depth	6717 Feet
No. ProdWells	1
No. Inj.Wells	1
Fail AbdWells	0
Total Wells	2
R C Sludge	0 Tons per Month
FinancOrganiz	MEXICAN GOVERNMENT
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	0
PPShutDownYr	0
GenrtrSource	ANSALDO-MAKROTEK
ResOwnrCntact	DR GERARDO HIRIART
His Employer	CFE
His Phone	(451)439-70
His FAX	(451)447-35
His TELEX	69623-PGTEME
PP Operator	
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	????? Weight %
Initial H2S	????? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	????? Weight %
CurrentH2S	????? Weight %
NCGTrtmtSyst	NONE

PP Name CERRO PRIETO 1 U-1
 PP Site CERRO PRIETO
 Status 0
 OperDate 04/30/73
 Nation MEXI
 SubDivision BAJA CALIFORNIA
 Res Owner MEXICAN GOVERNMENT
 Res Devel CFE
 A and E CFE
 PP Owner MEXICAN GOVERNMENT
 Turb Source TOSHIBA
 PwrPurchaser N/A
 PPContractor CFE
 PPOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His Fax (451)447-45
 His TELEX 69623-PGTEME
 Gross Mw 37
 Net Mw 36
 TotWellProd 593 KLbs/hr.
 TDS 26000 PPM
 PP Lifetime 20 Years
 Inlet Pres 75 psig
 InitResTemp 590 Degrees F
 TotExplCost 5 \$US Millions
 Av Well Cost 1 \$US Millions
 Subsurf Area 35 Sq.Km
 Tot PP Cost 26 \$US Millions
 TotProjCost 45 \$US Millions
 Availability 87 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 320 Degrees F
 Av Well Depth 4999 Feet
 No. ProdWells 10
 No. Inj.Wells 0
 Fail AbdWells 8
 Total Wells 13
 R C Sludge 0 Tons per Month
 FinancOrganiz MEXICAN GOVERNMENT
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1973
 PPShutDownYr 0
 GenrtrSource TOSHIBA
 ResOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His FAX (451)447-35
 His TELEX 69623-PGTEME
 PP Operator N/A
 GathSystCost 8 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 263036000 KWH per Year
 PowerSalesYr ???
 InitialTotNCG 0 Weight %
 Initial CO2 ??? Weight %
 Initial H2S ??? Weight %
 CurrentTotNCG 1 Weight %
 CurrentCO2 ??? Weight %
 CurrentH2S ??? Weight %
 NCGTrtmtSyst NONE

PP Name CERRO PRIETO 1 U-2
 PP Site CERRO PRIETO
 Status 0
 OperDate 09/30/73
 Nation MEXI
 SubDivision BAJA CALIFORNIA
 Res Owner MEXICAN GOVERNMENT
 Res Devel CFE
 A and E CFE
 PP Owner MEXICAN GOVERNMENT
 Turb Source TOSHIBA
 PwrPurchaser N/A
 PPContractor CFE
 PPOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His Fax (451)447-45
 His TELEX 69623-PGTEME
 Gross Mw 37
 Net Mw 36
 TotWellProd 538 KLbs/hr.
 TDS 26000 PPM
 PP Lifetime 20 Years
 Inlet Pres 75 psig
 InitResTemp 590 Degrees F
 TotExplCost 5 \$US Millions
 Av Well Cost 1 \$US Millions
 Subsurf Area 35 Sq.Km
 Tot PP Cost 26 \$US Millions
 TotProjCost 44 \$US Millions
 Availability 84 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 320 Degrees F
 Av Well Depth 4953 Feet
 No. ProdWells 6
 No. Inj.Wells 0
 Fail AbdWells 9
 Total Wells 11
 R C Sludge 0 Tons per Month
 FinancOrganiz MEXICAN GOVERNMENT
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1973
 PPShutDownYr 0
 GenrtrSource TOSHIBA
 ResOwnrCntact DR.GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His FAX (451)447-35
 His TELEX 69623-PGTEME
 PP Operator N/A
 GathSystCost 5 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 236055000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 1 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst NONE

PP Name CERRO PRIETO 1 U-3
 PP Site CERRO PRIETO
 Status 0
 OperDate 03/30/79
 Nation MEXI
 SubDivision BAJA CALIFORNIA
 Res Owner MEXICAN GOVERNMENT
 Res Devel CFE
 A and E CFE
 PP Owner MEXICAN GOVERNMENT
 Turb Source TOSHIBA
 PwrPurchaser N/A
 PPContractor CFE
 PPOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His Fax (451)447-45
 His TELEX 69623-PGTEME
 Gross Mw 37
 Net Mw 36
 TotWellProd 595 KLbs/hr.
 TDS 26000 PPM
 PP Lifetime 20 Years
 Inlet Pres 75 psig
 InitResTemp 590 Degrees F
 TotExplCost 5 \$US Millions
 Av Well Cost 1 \$US Millions
 Subsurf Area 35 Sq.Km
 Tot PP Cost 26 \$US Millions
 TotProjCost 45 \$US Millions
 Availability 70 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 320 Degrees F
 Av Well Depth 5209 Feet
 No. ProdWells 7
 No. Inj.Wells 0
 Fail AbdWells 8
 Total Wells 11
 R C Sludge 0 Tons per Month
 FinancOrganiz MEXICAN GOVERNMENT
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1979
 PPShutDownYr 0
 GenrtrSource TOSHIBA
 ResOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His FAX (451)447-35
 His TELEX 69623-PGTEME
 PP Operator N/A
 GathSystCost 5 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 205468000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ???? Weight %
 Initial H2S ???? Weight %
 CurrentTotNCG 1 Weight %
 CurrentCO2 ???? Weight %
 CurrentH2S ???? Weight %
 NCGTrtmtSyst NONE

PP Name CERRO PRIETO 1 U-4
 PP Site CERRO PRIETO
 Status 0
 OperDate 03/30/79
 Nation MEXI
 SubDivision BAJA CALIFORNIA
 Res Owner MEXICAN GOVERNMENT
 Res Devel CFE
 A and E CFE
 PP Owner MEXICAN GOVERNMENT
 Turb Source TOSHIBA
 PwrPurchaser N/A
 PPContractor CFE
 PPOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His Fax (451)447-45
 His TELEX 69623-PGTEME
 Gross Mw 37
 Net Mw 36
 TotWellProd 851 KLbs/hr.
 TDS 26000 PPM
 PP Lifetime 20 Years
 Inlet Pres 75 psig
 InitResTemp 590 Degrees F
 TotExplCost 5 \$US Millions
 Av Well Cost 1 \$US Millions
 Subsurf Area 35 Sq.Km
 Tot PP Cost 26 \$US Millions
 TotProjCost 45 \$US Millions
 Availability 81 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 320 Degrees F
 Av Well Depth 6281 Feet
 No. ProdWells 10
 No. Inj.Wells 0
 Fail AbdWells 2
 Total Wells 14
 R C Sludge 0 Tons per Month
 FinancOrganiz MEXICAN GOVERNMENT
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1979
 PPShutDownYr 0
 GenrtrSource TOSHIBA
 ResOwnrCntact DR, GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His FAX (451)447-35
 His TELEX 69623-PGTEME
 PP Operator N/A
 GathSystCost 8 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 237607000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 1 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst NONE

PP Name CERRO PRIETO 1 U-5
 PP Site CERRO PRIETO
 Status 0
 OperDate 01/30/82
 Nation MEXI
 SubDivision BAJA CALIFORNIA
 Res Owner MEXICAN GOVERNMENT
 Res Devel CFE
 A and E CFE
 PP Owner MEXICAN GOVERNMENT
 Turb Source MITSUBISHI
 PwrPurchaser N/A
 PPContractor CFE
 PPOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His Fax (451)447-45
 His TELEX 69623-PGTEME
 Gross Mw 35
 Net Mw 30
 TotWellProd 2546 KLbs/hr.
 TDS 26000 PPM
 PP Lifetime 20 Years
 Inlet Pres 61 psig
 InitResTemp 590 Degrees F
 TotExplCost 5 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 35 Sq.Km
 Tot PP Cost 26 \$US Millions
 TotProjCost 26 \$US Millions
 Availability 98 %
 Yr. of Avail 1989

PPCycleType D FLASH
 Inlet Temp 320 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz MEXICAN GOVERNMENT
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1982
 PPShutDownYr 0
 GenrtrSource MITSUBISHI
 ResOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His FAX (451)447-35
 His TELEX 69623-PGTEME
 PP Operator N/A
 GathSystCost 8 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 122110000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst NONE

PP Name CERRO PRIETO 2 U-1
 PP Site CERRO PRIETO
 Status O
 OperDate 01/30/86
 Nation MEXI
 SubDivision BAJA CALIFORNIA
 Res Owner MEXICAN GOVERNMENT
 Res Devel CFE
 A and E CFE
 PP Owner MEXICAN GOVERNMENT
 Turb Source TOSHIBA
 PwrPurchaser N/A
 PPContractor CFE
 PPOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His Fax (451)447-45
 His TELEX 69623-PGTEME
 Gross Mw 110
 Net Mw 106
 TotWellProd 2040 KLbs/hr.
 TDS 26000 PPM
 PP Lifetime 20 Years
 Inlet Pres 153 psig
 InitResTemp 617 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 2 \$US Millions
 Subsurf Area 35 Sq.Km
 Tot PP Cost 59 \$US Millions
 TotProjCost 112 \$US Millions
 Availability 86 %
 Yr. of Avail 1989

PPCycleType D FLASH
 Inlet Temp 360 Degrees F
 Av Well Depth 8925 Feet
 No. ProdWells 16
 No. Inj.Wells 0
 Fail AbdWells 10
 Total Wells 18
 R C Sludge 0 Tons per Month
 FinancOrganiz MEXICAN GOVERNMENT
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1986
 PPShutDownYr 0
 GenrtrSource TOSHIBA
 ResOwnrCntact DR.GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His FAX (451)447-35
 His TELEX 69623-PGTEME
 PP Operator N/A
 GathSystCost 13 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 743401000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 1 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst NONE

PP Name CERRO PRIETO 2 U-2
 PP Site CERRO PRIETO
 Status O
 OperDate 04/20/87
 Nation MEXI
 SubDivision BAJA CALIFORNIA
 Res Owner MEXICAN GOVERNMENT
 Res Devel CFE
 A and E CFE
 PP Owner MEXICAN GOVERNMENT
 Turb Source TOSHIBA
 PwrPurchaser N/A
 PPContractor CFE
 PPOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His Fax (451)447-45
 His TELEX 69623-PGTEME
 Gross Mw 110
 Net Mw 106
 TotWellProd 1929 KLbs/hr.
 TDS 26000 PPM
 PP Lifetime 20 Years
 Inlet Pres 153 psig
 InitResTemp 617 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 2 \$US Millions
 Subsurf Area 35 Sq.Km
 Tot PP Cost 59 \$US Millions
 TotProjCost 110 \$US Millions
 Availability 97 %
 Yr. of Avail 1989

PPCycleType D FLASH
 Inlet Temp 360 Degrees F
 Av Well Depth 8420 Feet
 No. ProdWells 16
 No. Inj.Wells 0
 Fail AbdWells 8
 Total Wells 19
 R C Sludge 0 Tons per Month
 FinancOrganiz MEXICAN GOVERNMENT
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1987
 PPShutDownYr 0
 GenrtrSource TOSHIBA
 ResOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His FAX (451)447-35
 His TELEX 69623-PGTEME
 PP Operator N/A
 GathSystCost 13 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 798856000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ???? Weight %
 Initial H2S ???? Weight %
 CurrentTotNCG 1 Weight %
 CurrentCO2 ???? Weight %
 CurrentH2S ???? Weight %
 NCGTrtmtSyst NONE

PP Name CERRO PRIETO 3 U-1
 PP Site CERRO PRIETO
 Status 0
 OperDate 01/30/86
 Nation MEXI
 SubDivision BAJA CALIFORNIA
 Res Owner MEXICAN GOVERNMENT
 Res Devel CFE
 A and E CFE
 PP Owner MEXICAN GOVERNMENT
 Turb Source TOSHIBA
 PwrPurchaser N/A
 PPContractor CFE
 PPOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)-439-70
 His Fax (451)447-45
 His TELEX 69623-PGTEME
 Gross Mw 110
 Net Mw 106
 TotWellProd 1922 KLbs/hr.
 TDS 26000 PPM
 PP Lifetime 20 Years
 Inlet Pres 153 psig
 InitResTemp 626 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 2 \$US Millions
 Subsurf Area 35 Sq.Km
 Tot PP Cost 59 \$US Millions
 TotProjCost 104 \$US Millions
 Availability 85 %
 Yr. of Avail 1989

PPCycleType D FLASH
 Inlet Temp 360 Degrees F
 Av Well Depth 7649 Feet
 No. ProdWells 17
 No. Inj.Wells 0
 Fail AbdWells 4
 Total Wells 21
 R C Sludge 0 Tons per Month
 FinancOrganiz MEXICAN GOVERNMENT
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1986
 PPShutDownYr 0
 GenrtrSource TOSHIBA
 ResOwnrCntact DR.GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His FAX (451)447-35
 His TELEX 69623-PGTEME
 PP Operator N/A
 GathSystCost 14 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 778158000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 1 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst NONE

PP Name CERRO PRIETO 3 U-2
 PP Site CERRO PRIETO
 Status O
 OperDate 09/30/86
 Nation MEXI
 SubDivision BAJA CALIFORNIA
 Res Owner MEXICAN GOVERNMENT
 Res Devel CFE
 A and E CFE
 PP Owner MEXICAN GOVERNMENT
 Turb Source TOSHIBA
 PwrPurchaser N/A
 PPContractor CFE
 PPOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His Fax (451)447-45
 His TELEX 69623-PGTEME
 Gross Mw 110
 Net Mw 106
 TotWellProd 1903 KLbs/hr.
 TDS 26000 PPM
 PP Lifetime 20 Years
 Inlet Pres 153 psig
 InitResTemp 626 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 2 \$US Millions
 Subsurf Area 35 Sq.Km
 Tot PP Cost 59 \$US Millions
 TotProjCost 105 \$US Millions
 Availability 98 %
 Yr. of Avail 1989

PPCycleType D FLASH
 Inlet Temp 360 Degrees F
 Av Well Depth 8318 Feet
 No. ProdWells 19
 No. Inj.Wells 0
 Fail AbdWells 3
 Total Wells 21
 R C Sludge 0 Tons per Month
 FinancOrganiz MEXICAN GOVERNMENT
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1986
 PPShutDownYr 0
 GenrtrSource TOSHIBA
 ResOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His FAX (451)447-35
 His TELEX 69623-PGTEME
 PP Operator N/A
 GathSystCost 16 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 863213000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 1 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst NONE

PP Name LA PRIMAVERA UNID. 1
 PP Site LA PRIMAVERA
 Status U
 OperDate / /
 Nation MEXI
 SubDivision JALISCO
 Res Owner MEXICAN GOVERNMENT
 Res Devel CFE
 A and E CFE
 PP Owner MEXICAN GOVERNMENT
 Turb Source ANSALDO-MAKROTEK
 PwrPurchaser N/A
 PPContractor CFE
 PPOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His Fax (451)447-45
 His TELEX 69623-PGTEME
 Gross Mw 5
 Net Mw 4
 TotWellProd 133 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 20 Years
 Inlet Pres 125 psig
 InitResTemp 672 Degrees F
 TotExplCost 1 \$US Millions
 Av Well Cost 2 \$US Millions
 Subsurf Area 6 Sq.Km
 Tot PP Cost 2 \$US Millions
 TotProjCost 6 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType S FLASH
 Inlet Temp 346 Degrees F
 Av Well Depth 9794 Feet
 No. ProdWells 1
 No. Inj.Wells 1
 Fail AbdWells 0
 Total Wells 2
 R C Sludge 0 Tons per Month
 FinancOrganiz MEXICAN GOVERNMENT
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 0
 PPShutDownYr 0
 GenrtrSource ANSALDO-MAKROTEK
 ResOwnrCntact DR.GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His FAX (451)447-35
 His TELEX 69623-PGTEME
 PP Operator N/A
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst NONE

PP Name LA PRIMAVERA UNID. 2
 PP Site LA PRIMAVERA
 Status U
 OperDate / /
 Nation MEXI
 SubDivision JALISCO
 Res Owner MEXICAN GOVERNMENT
 Res Devel CFE
 A and E CFE
 PP Owner MEXICAN GOVERNMENT
 Turb Source ANSALDO-MAKROTEK
 PwrPurchaser N/A
 PPContractor CFE
 PPOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His Fax (451)447-45
 His TELEX 69623-PGTEME
 Gross Mw 5
 Net Mw 4
 TotWellProd 141 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 20 Years
 Inlet Pres 125 psig
 InitResTemp 563 Degrees F
 TotExplCost 1 \$US Millions
 Av Well Cost 2 \$US Millions
 Subsurf Area 6 Sq.Km
 Tot PP Cost 2 \$US Millions
 TotProjCost 6 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType S FLASH
 Inlet Temp 346 Degrees F
 Av Well Depth 6278 Feet
 No. ProdWells 2
 No. Inj.Wells 1
 Fail AbdWells 0
 Total Wells 2
 R C Sludge 0 Tons per Month
 FinancOrganiz MEXICAN GOVERNMENT
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 0
 PPShutDownYr 0
 GenrtrSource ANSALDO-MAKROTEK
 ResOwnrCntact DR. GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His FAX (451)447-35
 His TELEX 69623-PGTEME
 PP Operator N/A
 GathSystCost 1 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst NONE

PP Name LOS AZUFRES UNIDAD 1
 PP Site LOS AZUFRES
 Status 0
 OperDate 07/30/82
 Nation MEXI
 SubDivision MICHICOAN
 Res Owner MEXICAN GOVERNMENT
 Res Devel CFE
 A and E CFE
 PP Owner MEXICAN GOVERNMENT
 Turb Source MITSUBISHI
 PwrPurchaser N/A
 PPContractor CFE
 PPOwnrCntact DR GERARDO HIRIART
 His Employer CFE
 His Phone (451)447-70
 His Fax (451)447-45
 His TELEX 69623-PGTEME
 Gross Mw 5
 Net Mw 4
 TotWellProd 112 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 20 Years
 Inlet Pres 116 psig
 InitResTemp 505 Degrees F
 TotExplCost 2 \$US Millions
 Av Well Cost 1 \$US Millions
 Subsurf Area 23 Sq.Km
 Tot PP Cost 2 \$US Millions
 TotProjCost 5 \$US Millions
 Availability 98 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 339 Degrees F
 Av Well Depth 3608 Feet
 No. ProdWells 2
 No. Inj.Wells 2
 Fail AbdWells 0
 Total Wells 4
 R C Sludge 0 Tons per Month
 FinancOrganiz MEXICAN GOVERNMENT
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1982
 PPShutDownYr 0
 GenrtrSource MITSUBISHI
 ResOwnrCntact DR GERARDO HIRIART
 His Employer CFE
 His Phone (451)439-70
 His FAX (451)447-35
 His TELEX 69623-PGTEME
 PP Operator N/A
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 32381550 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 2 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 4 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst NONE

NEW ZEALAND

PP Name KAWERAU
 PP Site N.ISLAND, NEW ZEALND
 Status 0
 OperDate / /64
 Nation NEWZ
 SubDivision BAY OF PLENTY AREA
 Res Owner
 Res Devel
 A and E
 PP Owner TASMAN PULP & PAPER
 Turb Source
 PwrPurchaser
 PPCContractor
 PPOwnrCntact IAN THAIN
 His Employer ELEC CORP OF N.Z.
 His Phone 074/48216
 His Fax 074/48472
 His TELEX
 Gross Mw 20
 Net Mw 20
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 0 Years
 Inlet Pres 0 psig
 InitResTemp 0 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType I.P. BP
 Inlet Temp 0 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1964
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact IAN THAIN
 His Employer ECNZ
 His Phone 074/48216
 His FAX 074/48472
 His TELEX
 PP Operator TASMAN PULP & PAPER
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name	KAWERAU
PP Site	N.ISLAND, NEW ZEALND
Status	P
OperDate	/ /
Nation	NEWZ
SubDivision	BAY OF PLENTY AREA
Res Owner	
Res Devel	
A and E	
PP Owner	B OF P ELEC PWR BORD
Turb Source	
PwrPurchaser	
PPContractor	
PPOwnrCntact	IAN THAIN
His Employer	ELECT. CORP OF N.Z.
His Phone	074/48216
His Fax	074/48472
His TELEX	
Gross Mw	2
Net Mw	2
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	0 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	BINARY
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	0
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	IAN THAIN
His Employer	ECNZ
His Phone	074/48216
His FAX	074/48472
His TELEX	
PP Operator	B OF P ELEC PWR BORD
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	OHAAKI
PP Site	BROADLANDS
Status	0
OperDate	/ /89
Nation	NEWZ
SubDivision	LAKE TAUPO VOLC ZONE
Res Owner	
Res Devel	
A and E	
PP Owner	ELECT. CORP OF N.Z.
Turb Source	
PwrPurchaser	
PPContractor	
PPOwnrCntact	IAN THAIN
His Employer	ECNZ
His Phone	074/48216
His Fax	074/48472
His TELEX	
Gross Mw	116
Net Mw	116
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	0 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	BP/COND
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1989
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	IAN THAIN
His Employer	ECNZ
His Phone	074/48216
His FAX	074/48472
His TELEX	
PP Operator	ECNZ
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name ROTOKAWA
 PP Site N.ISLAND, NEW ZEALND
 Status P
 OperDate / /
 Nation NEWZ
 SubDivision LAKE TAUPO VOLC ZONE
 Res Owner
 Res Devel
 A and E
 PP Owner GAS/GT TRADING DIV.
 Turb Source
 PwrPurchaser
 PPContractor
 PPOwnrCntact IAN THAIN
 His Employer ELECT. CORP OF N.Z.
 His Phone 074/48216
 His Fax 074/48472
 His TELEX
 Gross Mw 6
 Net Mw 6
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 0 Years
 Inlet Pres 0 psig
 InitResTemp 0 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType I.P. BP
 Inlet Temp 0 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 0
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact IAN THAIN
 His Employer ECNZ
 His Phone 074/48216
 His FAX 074/48472
 His TELEX
 PP Operator GGT/MNSTRY OF ENERGY
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name TAUHARA
 PP Site N.ISLAND, NEW ZEALND
 Status P
 OperDate / /
 Nation NEWZ
 SubDivision LAKE TAUPO VOLC ZONE
 Res Owner
 Res Devel
 A and E
 PP Owner GAS/GT TRADING DIV.
 Turb Source
 PwrPurchaser
 PPContractor
 PPOwnrCntact IAN THAIN
 His Employer ELECT. CORP OF N.Z.
 His Phone 074/48216
 His Fax 074/48472
 His TELEX
 Gross Mw 25
 Net Mw 25
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 0 Years
 Inlet Pres 0 psig
 InitResTemp 0 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType CONDENSNG
 Inlet Temp 0 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 0
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact IAN THAIN
 His Employer ECNZ
 His Phone 074/48216
 His FAX 074/48472
 His TELEX
 PP Operator GGT/MNSTRY OF ENERGY
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name	WAIRAKEI A & B
PP Site	WAIRAKEI
Status	0
OperDate	00/00/63
Nation	NEWZ
SubDivision	LAKE TAUPO VOLC AREA
Res Owner	
Res Devel	
A and E	
PP Owner	ELECT. CORP OF N.Z.
Turb Source	
PwrPurchaser	ELECT.CORP. OF N.Z.
PPContractor	
PPOwnrCntact	IAN THAIN
His Employer	ECNZ
His Phone	074/48216
His Fax	074/48472
His TELEX	
Gross Mw	157
Net Mw	157
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	0 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	BP/COND
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ECNZ
PwrSalePrice	???? \$US per KWH
PPCmpltYear	1963
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	IAN THAIN
His Employer	ECNZ
His Phone	074/48216
His FAX	074/48472
His TELEX	
PP Operator	ECNZ
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	1190000000 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name WAIRAKEI
 PP Site WAIRAKEI
 Status P
 OperDate / /
 Nation NEWZ
 SubDivision LAKE TAUPU VOLC ZONE
 Res Owner
 Res Devel
 A and E
 PP Owner GT ENERGY OF TAUPU
 Turb Source
 PwrPurchaser
 PPContractor
 PPOwnrCntact IAN THAIN
 His Employer ELECT. CORP OF N.Z.
 His Phone 074/48216
 His Fax 074/48472
 His TELEX
 Gross Mw 15
 Net Mw 15
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 0 Years
 Inlet Pres 0 psig
 InitResTemp 0 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType BINARY
 Inlet Temp 0 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 0
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact IAN THAIN
 His Employer ECNZ
 His Phone 074/48216
 His FAX 074/48472
 His TELEX
 PP Operator GT ENERGY OF TAUPU
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

NICAGRAGUA

PP Name	MOMOTOMBO
PP Site	VOLCAN MOMOTOMBO
Status	0
OperDate	/ /83
Nation	NICA
SubDivision	LAKE MANAGUA
Res Owner	
Res Devel	
A and E	
PP Owner	
Turb Source	
PwrPurchaser	
PPContractor	
PPOwnrCntact	
His Employer	
His Phone	
His Fax	
His TELEX	
Gross Mw	35
Net Mw	35
TotWellProd	3 KLbs/hr.
TDS	6800 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	464 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	S FLASH
Inlet Temp	362 Degrees F
Av Well Depth	0 Feet
No. ProdWells	25
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1983
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	
His Employer	
His Phone	
His FAX	
His TELEX	
PP Operator	
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PHILIPPINES

PP Name LEYTE GEOPILLOT PLANT
 PP Site TONGONAN GEO FIELD
 Status N
 OperDate 07/30/77
 Nation PHIL
 SubDivision LEYTE
 Res Owner PHIL. GOVT.
 Res Devel PNOC
 A and E MITSUBISHI
 PP Owner NPC
 Turb Source MITSUBISHI
 PwrPurchaser NPC
 PPContractor NPC
 PPOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His Fax (632)921-2468
 His TELEX 40120
 Gross Mw 3
 Net Mw 3
 TotWellProd 372 KLbs/hr.
 TDS 17000 PPM
 PP Lifetime 10 Years
 Inlet Pres 99 psig
 InitResTemp 613 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 1 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 1 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType S FLASH
 Inlet Temp 338 Degrees F
 Av Well Depth 6389 Feet
 No. ProdWells 1
 No. Inj.Wells 1
 Fail AbdWells 0
 Total Wells 2
 R C Sludge 0 Tons per Month
 FinancOrganiz COLOMBO PLAN
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 0
 PPShutDownYr 0
 GenrtrSource MITSUBISHI
 ResOwnrCntact PEDRO S. SANTOS
 His Employer PNOC
 His Phone 815-89-61
 His FAX
 His TELEX 40120
 PP Operator NPC
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst 2 STAGE STEAMJET EJ

PP Name MAK-BAN A UNIT 1
 PP Site MAKILING BANAHAW
 Status O
 OperDate 05/30/79
 Nation PHIL
 SubDivision LAGUNA
 Res Owner PHIL.GOV'T.
 Res Devel NPC/PGI
 A and E NPC
 PP Owner NPC
 Turb Source MITSUBISHI
 PwrPurchaser NPC
 PPContractor F.F. CRUZ
 PPOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His Fax (632)921-2468
 His TELEX 40120
 Gross Mw 55
 Net Mw 55
 TotWellProd 5092 KLbs/hr.
 TDS 5000 PPM
 PP Lifetime 25 Years
 Inlet Pres 95 psig
 InitResTemp 500 Degrees F
 TotExplCost 9 \$US Millions
 Av Well Cost 1 \$US Millions
 Subsurf Area 6 Sq.Km
 Tot PP Cost 114 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 81 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 324 Degrees F
 Av Well Depth 5904 Feet
 No. ProdWells 14
 No. Inj.Wells 21
 Fail AbdWells 4
 Total Wells 75
 R C Sludge 0 Tons per Month
 FinancOrganiz OECF JAPAN
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1979
 PPShutDownYr 0
 GenrtrSource MITSUBISHI
 ResOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His FAX (632)921-2468
 His TELEX 40120
 PP Operator NPC
 GathSystCost 12 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 392200000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ???? Weight %
 Initial H2S ???? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ???? Weight %
 CurrentH2S ???? Weight %
 NCGTrtmtSyst 2 STAGE STEAMJET EJ

PP Name MAK-BAN A UNIT 2
 PP Site MAKILING BANAHAW
 Status O
 OperDate 09/30/79
 Nation PHIL
 SubDivision LAGUNA
 Res Owner PHIL. GOVT.
 Res Devel NPC/PGI
 A and E NPC
 PP Owner NPC
 Turb Source MITSUBISHI
 PwrPurchaser NPC
 PPContractor F.F. CRUZ
 PPOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His Fax (632)921-2468
 His TELEX 40120
 Gross Mw 55
 Net Mw 55
 TotWellProd 5092 KLbs/hr.
 TDS 5000 PPM
 PP Lifetime 25 Years
 Inlet Pres 95 psig
 InitResTemp 500 Degrees F
 TotExplCost 9 \$US Millions
 Av Well Cost 1 \$US Millions
 Subsurf Area 6 Sq.Km
 Tot PP Cost 114 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 85 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 324 Degrees F
 Av Well Depth 5904 Feet
 No. ProdWells 14
 No. Inj.Wells 21
 Fail AbdWells 4
 Total Wells 75
 R C Sludge 0 Tons per Month
 FinancOrganiz OECF JAPAN
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1979
 PPShutDownYr 0
 GenrtrSource MITSUBISHI
 ResOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His FAX (632)921-2468
 His TELEX 40120
 PP Operator NPC
 GathSystCost 12 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 410700000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst 2 STAGE STEAMJET EJ

PP Name MAK-BAN B UNIT 3
 PP Site MAKILING BANAHAW
 Status O
 OperDate 06/30/80
 Nation PHIL
 SubDivision LAGUNA
 Res Owner PHIL. GOVT
 Res Devel NPC/PGI
 A and E NPC
 PP Owner NPC
 Turb Source MITSUBISHI
 PwrPurchaser NPC
 PPContractor F.F. CRUZ
 PPOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His Fax (632)921-2468
 His TELEX 40120
 Gross Mw 55
 Net Mw 55
 TotWellProd 4862 KLbs/hr.
 TDS 5000 PPM
 PP Lifetime 25 Years
 Inlet Pres 95 psig
 InitResTemp 500 Degrees F
 TotExplCost 9 \$US Millions
 Av Well Cost 1 \$US Millions
 Subsurf Area 6 Sq.Km
 Tot PP Cost 118 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 94 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 324 Degrees F
 Av Well Depth 5904 Feet
 No. ProdWells 14
 No. Inj.Wells 21
 Fail AbdWells 4
 Total Wells 75
 R C Sludge 0 Tons per Month
 FinancOrganiz OECF JAPAN
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1980
 PPShutDownYr 0
 GenrtrSource MITSUBISHI
 ResOwnrCntact ERNEST M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His FAX (632)921-2468
 His TELEX 40120
 PP Operator NPC
 GathSystCost 12 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 453300000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst 2 STAGE STEAMJET EJ

PP Name MAK-BAN B UNIT 4
 PP Site MAKILING BANAHAW
 Status O
 OperDate 09/30/80
 Nation PHIL
 SubDivision LAGUNA
 Res Owner PHIL. GOVT.
 Res Devel NPC/PGI
 A and E NPC
 PP Owner NPC
 Turb Source MITSUBISHI
 PwrPurchaser NPC
 PPContractor F.F. CRUZ
 PPOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His Fax (632)921-2468
 His TELEX 40120
 Gross Mw 55
 Net Mw 55
 TotWellProd 4862 KLbs/hr.
 TDS 5000 PPM
 PP Lifetime 25 Years
 Inlet Pres 95 psig
 InitResTemp 500 Degrees F
 TotExplCost 9 \$US Millions
 Av Well Cost 1 \$US Millions
 Subsurf Area 6 Sq.Km
 Tot PP Cost 118 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 83 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 324 Degrees F
 Av Well Depth 5904 Feet
 No. ProdWells 14
 No. Inj.Wells 21
 Fail AbdWells 4
 Total Wells 75
 R C Sludge 0 Tons per Month
 FinancOrganiz OECF JAPAN
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1980
 PPShutDownYr 0
 GenrtrSource MITSUBISHI
 ResOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His FAX (632)921-2468
 His TELEX 40120
 PP Operator NPC
 GathSystCost 12 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 402500000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst 2 STAGE STEAMJET EJ

PP Name MAK-BAN C UNIT 5
 PP Site MAKILING BANAHAW
 Status O
 OperDate 08/30/84
 Nation PHIL
 SubDivision LAGUNA
 Res Owner PHIL. GOVT.
 Res Devel NPC/PGI
 A and E NPC
 PP Owner NPC
 Turb Source MITSUBISHI
 PwrPurchaser NPC
 PPContractor F.F. CRUZ
 PPOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His Fax (632)921-2468
 His TELEX 40120
 Gross Mw 55
 Net Mw 55
 TotWellProd 4276 KLbs/hr.
 TDS 5000 PPM
 PP Lifetime 25 Years
 Inlet Pres 95 psig
 InitResTemp 500 Degrees F
 TotExplCost 9 \$US Millions
 Av Well Cost 1 \$US Millions
 Subsurf Area 6 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 84 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 324 Degrees F
 Av Well Depth 5904 Feet
 No. ProdWells 17
 No. Inj.Wells 21
 Fail AbdWells 4
 Total Wells 75
 R C Sludge 0 Tons per Month
 FinancOrganiz OECF JAPAN
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1984
 PPShutDownYr 0
 GenrtrSource MITSUBISHI
 ResOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His FAX (632)921-2468
 His TELEX 40120
 PP Operator NPC
 GathSystCost 12 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 405500000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst 2 STAGE STEAMJET EJ

PP Name MAK-BAN C UNIT 6
 PP Site MAKILING BANAHAW
 Status O
 OperDate 08/30/84
 Nation PHIL
 SubDivision LAGUNA
 Res Owner PHIL. GOVT.
 Res Devel NPC/PGI
 A and E NPC
 PP Owner NPC
 Turb Source MITSUBISHI
 PwrPurchaser NPC
 PPContractor F.F. CRUZ
 PPOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His Fax (632)921-2468
 His TELEX 40120
 Gross Mw 55
 Net Mw 55
 TotWellProd 4276 KLbs/hr.
 TDS 5000 PPM
 PP Lifetime 25 Years
 Inlet Pres 95 psig
 InitResTemp 500 Degrees F
 TotExplCost 9 \$US Millions
 Av Well Cost 1 \$US Millions
 Subsurf Area 6 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 76 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 324 Degrees F
 Av Well Depth 5904 Feet
 No. ProdWells 17
 No. Inj.Wells 21
 Fail AbdWells 4
 Total Wells 75
 R C Sludge 0 Tons per Month
 FinancOrganiz OECF JAPAN
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1984
 PPShutDownYr 0
 GenrtrSource MITSUBISHI
 ResOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His FAX (632)921-2468
 His TELEX 40120
 PP Operator NPC
 GathSystCost 12 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 366800000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst 2 STAGE STEAMJET EJ

PP Name PALINPINON PILOT A
 PP Site PALINPINON GEO FIELD
 Status O
 OperDate 10/30/80
 Nation PHIL
 SubDivision NEGROS
 Res Owner PHIL. GOVT.
 Res Devel PNOC
 A and E NPC
 PP Owner NPC
 Turb Source MITSUBISHI
 PwrPurchaser NPC
 PPContractor NPC
 PPOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His Fax (632)921-2468
 His TELEX 40120
 Gross Mw 1
 Net Mw 1
 TotWellProd 253 KLbs/hr.
 TDS 10000 PPM
 PP Lifetime 25 Years
 Inlet Pres 99 psig
 InitResTemp 554 Degrees F
 TotExplCost 10 \$US Millions
 Av Well Cost 1 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 3 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 29 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 328 Degrees F
 Av Well Depth 8528 Feet
 No. ProdWells 1
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 1
 R C Sludge 0 Tons per Month
 FinancOrganiz COLOMBO PLAN
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1980
 PPShutDownYr 0
 GenrtrSource MITSUBISHI
 ResOwnrCntact PEDRO SANTOS
 His Employer PNOC
 His Phone 815-89-61
 His FAX
 His TELEX 40120
 PP Operator NPC
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 7900000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 2 Weight %
 Initial CO2 ???? Weight %
 Initial H2S ???? Weight %
 CurrentTotNCG 2 Weight %
 CurrentCO2 ???? Weight %
 CurrentH2S ???? Weight %
 NCGTrtmtSyst 2 STAGE STEAMJET EJ

PP Name PALINPINON PILOT B
 PP Site PALINPINON GEO FIELD
 Status O
 OperDate 10/30/80
 Nation PHIL
 SubDivision NEGROS
 Res Owner PHIL. GOVT.
 Res Devel PNOG
 A and E NPC
 PP Owner NPC
 Turb Source MITSUBISHI
 PwrPurchaser NPC
 PPContractor NPC
 PPOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His Fax (632)921-2468
 His TELEX 40120
 Gross Mw 1
 Net Mw 1
 TotWellProd 681 KLbs/hr.
 TDS 10000 PPM
 PP Lifetime 25 Years
 Inlet Pres 99 psig
 InitResTemp 554 Degrees F
 TotExplCost 10 \$US Millions
 Av Well Cost 1 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 3 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 29 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 328 Degrees F
 Av Well Depth 8528 Feet
 No. ProdWells 1
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 1
 R C Sludge 0 Tons per Month
 FinancOrganiz COLOMBO PLAN
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1980
 PPShutDownYr 0
 GenrtrSource MITSUBISHI
 ResOwnrCntact PEDRO SANTOS
 His Employer PNPC
 His Phone 815-89-61
 His FAX
 His TELEX 40120
 PP Operator NPC
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 7900000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 2 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 2 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst 2 STAGE STEAMJET EJ

PP Name PALINPINON PLANT A1
 PP Site PALINPINON GEO FIELD
 Status O
 OperDate 06/30/83
 Nation PHIL
 SubDivision NEGROS
 Res Owner PHIL. GOVT.
 Res Devel PNOC
 A and E KANEMATSO GOSHO
 PP Owner NPC
 Turb Source FUJI
 PwrPurchaser NPC
 PPCContractor KANEMATSO GOSHO
 PPOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His Fax (632)921-2468
 His TELEX 40120
 Gross Mw 37
 Net Mw 37
 TotWellProd 8553 KLbs/hr.
 TDS 10000 PPM
 PP Lifetime 25 Years
 Inlet Pres 82 psig
 InitResTemp 608 Degrees F
 TotExplCost 11 \$US Millions
 Av Well Cost 2 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 41 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 314 Degrees F
 Av Well Depth 8790 Feet
 No. ProdWells 23
 No. Inj.Wells 11
 Fail AbdWells 0
 Total Wells 33
 R C Sludge 0 Tons per Month
 FinancOrganiz NIPPON CREDIT BANK/NPC
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1983
 PPShutDownYr 0
 GenrtrSource FUJI
 ResOwnrCntact PEDRO SANTOS
 His Employer PNOC
 His Phone 815-89-61
 His FAX
 His TELEX 40120
 PP Operator NPC
 GathSystCost 18 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 410280000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 2 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 2 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst 2 STAGE STEAMJET EJ

PP Name PALINPINON PLANT A2
 PP Site PALINPINON GEO FIELD
 Status O
 OperDate 07/30/83
 Nation PHIL
 SubDivision NEGROS
 Res Owner PHIL. GOVT.
 Res Devel PNOC
 A and E KANEMATSO GOSHO
 PP Owner NPC
 Turb Source FUJI
 PwrPurchaser NPC
 PPContractor KANEMATSO
 PPOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His Fax (632)921-2468
 His TELEX 40120
 Gross Mw 37
 Net Mw 37
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 0 Years
 Inlet Pres 82 psig
 InitResTemp 608 Degrees F
 TotExplCost 11 \$US Millions
 Av Well Cost 2 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 41 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 314 Degrees F
 Av Well Depth 8790 Feet
 No. ProdWells 23
 No. Inj.Wells 11
 Fail AbdWells 0
 Total Wells 33
 R C Sludge 0 Tons per Month
 FinancOrganiz NIPPON CREDIT BANK/NPC
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1983
 PPShutDownYr 0
 GenrtrSource FUJI
 ResOwnrCntact PEDRO SANTOS
 His Employer PNOC
 His Phone 815-89-61
 His FAX
 His TELEX 40120
 PP Operator NPC
 GathSystCost 18 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 410280000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 2 Weight %
 Initial CO2 ???? Weight %
 Initial H2S ???? Weight %
 CurrentTotNCG 2 Weight %
 CurrentCO2 ???? Weight %
 CurrentH2S ???? Weight %
 NCGTrtmtSyst 2 STAGE STEAMJET EJ

PP Name PALINPINON PLANT A3
 PP Site PALINPINON GEO FIELD
 Status O
 OperDate 09/30/83
 Nation PHIL
 SubDivision NEGROS
 Res Owner PHIL. GOVT.
 Res Devel PNOG
 A and E KANEMATSO GOSHO
 PP Owner NPC
 Turb Source FUJI
 PwrPurchaser NPC
 PPContractor KANEMATSO GOSHO
 PPOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His Fax (632)921-2468
 His TELEX 40120
 Gross Mw 37
 Net Mw 37
 TotWellProd 8553 KLbs/hr.
 TDS 10000 PPM
 PP Lifetime 25 Years
 Inlet Pres 82 psig
 InitResTemp 608 Degrees F
 TotExplCost 11 \$US Millions
 Av Well Cost 2 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 41 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 314 Degrees F
 Av Well Depth 8790 Feet
 No. ProdWells 23
 No. Inj.Wells 11
 Fail AbdWells 0
 Total Wells 33
 R C Sludge 0 Tons per Month
 FinancOrganiz NIPPON CREDIT BANK/NPC
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1983
 PPShutDownYr 0
 GenrtrSource FUJI
 ResOwnrCntact PEDRO SANTOS
 His Employer NPC
 His Phone 815-89-61
 His FAX
 His TELEX 40120
 PP Operator NPC
 GathSystCost 18 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 410280000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 2 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 2 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst 2 STAGE STEAMJET EJ

PP Name TIWI PLANT A UNIT 1
 PP Site TIWI GEO. FIELD
 Status O
 OperDate 01/30/79
 Nation PHIL
 SubDivision ALBAY
 Res Owner PHIL.GOV'T.
 Res Devel NPC/PGI
 A and E MITSUI
 PP Owner NPC
 Turb Source TOSHIBA
 PwrPurchaser NPC
 PPContractor F.F.CRUZ
 PPOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His Fax (632)921-2468
 His TELEX 40120
 Gross Mw 55
 Net Mw 55
 TotWellProd 2677 KLbs/hr.
 TDS 9000 PPM
 PP Lifetime 25 Years
 Inlet Pres 90 psig
 InitResTemp 500 Degrees F
 TotExplCost 13 \$US Millions
 Av Well Cost 2 \$US Millions
 Subsurf Area 16 Sq.Km
 Tot PP Cost 97 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 79 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 324 Degrees F
 Av Well Depth 4920 Feet
 No. ProdWells 19
 No. Inj.Wells 6
 Fail AbdWells 20
 Total Wells 69
 R C Sludge 0 Tons per Month
 FinancOrganiz MITSUI
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1979
 PPShutDownYr 0
 GenrtrSource TOSHIBA
 ResOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His FAX (632)921-2468
 His TELEX 40120
 PP Operator NPC
 GathSystCost 18 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 380900000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 3 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 2 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst 2 STAGE STEAMJET EJ

PP Name TIWI PLANT A UNIT 2
 PP Site TIWI GEO FIELD
 Status O
 OperDate 05/30/79
 Nation PHIL
 SubDivision ALBAY
 Res Owner PHIL. GOVT.
 Res Devel NPC/PGI
 A and E MITSUI
 PP Owner NPC
 Turb Source TOSHIBA
 PwrPurchaser NPC
 PPCContractor F.F. CRUZ
 PPOwnrCntact ERNESTO ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His Fax (632)921-2468
 His TELEX 40120
 Gross Mw 55
 Net Mw 55
 TotWellProd 0 KLbs/hr.
 TDS 9000 PPM
 PP Lifetime 25 Years
 Inlet Pres 90 psig
 InitResTemp 500 Degrees F
 TotExplCost 13 \$US Millions
 Av Well Cost 2 \$US Millions
 Subsurf Area 16 Sq.Km
 Tot PP Cost 97 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 69 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 324 Degrees F
 Av Well Depth 4920 Feet
 No. ProdWells 19
 No. Inj.Wells 6
 Fail AbdWells 20
 Total Wells 69
 R C Sludge 0 Tons per Month
 FinancOrganiz MITSUI
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1979
 PPShutDownYr 0
 GenrtrSource TOSHIBA
 ResOwnrCntact ERNESTO M.ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His FAX (632)921-2468
 His TELEX 40120
 PP Operator NPC
 GathSystCost 18 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 335700000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 3 Weight %
 Initial CO2 ???? Weight %
 Initial H2S ???? Weight %
 CurrentTotNCG 2 Weight %
 CurrentCO2 ???? Weight %
 CurrentH2S ???? Weight %
 NCGTrtmtSyst 2 STAGE STEAMJET EJ

PP Name TIWI PLANT B UNIT 3
 PP Site TIWI GEO FIELD
 Status 0
 OperDate 12/30/79
 Nation PHIL
 SubDivision ALBAY
 Res Owner PHIL. GOVT.
 Res Devel NPC/PGI
 A and E MITSUI
 PP Owner NPC
 Turb Source TOSHIBA
 PwrPurchaser NPC
 PPContractor F.F. CRUZ
 PPOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His Fax (632)921-2468
 His TELEX 40120
 Gross Mw 55
 Net Mw 55
 TotWellProd 5013 KLbs/hr.
 TDS 9000 PPM
 PP Lifetime 25 Years
 Inlet Pres 90 psig
 InitResTemp 500 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 2 \$US Millions
 Subsurf Area 16 Sq.Km
 Tot PP Cost 120 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 79 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 324 Degrees F
 Av Well Depth 4920 Feet
 No. ProdWells 26
 No. Inj.Wells 6
 Fail AbdWells 43
 Total Wells 69
 R C Sludge 0 Tons per Month
 FinancOrganiz MITSUI
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1980
 PPShutDownYr 0
 GenrtrSource TOSHIBA
 ResOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His FAX (632)921-2468
 His TELEX 40120
 PP Operator NPC
 GathSystCost 18 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 382300000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 3 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 2 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst 2 STAGE STEAMJET EJ

PP Name TIWI PLANT B UNIT 4
 PP Site TIWI GEO FIELD
 Status O
 OperDate 04/30/80
 Nation PHIL
 SubDivision ALBAY
 Res Owner PHIL. GOVT.
 Res Devel NPC/PGI
 A and E MITSUI
 PP Owner NPC
 Turb Source TOSHIBA
 PwrPurchaser NPC
 PPContractor F.F. CRUZ
 PPOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His Fax (632)921-2468
 His TELEX 40120
 Gross Mw 55
 Net Mw 55
 TotWellProd 5013 KLbs/hr.
 TDS 9000 PPM
 PP Lifetime 25 Years
 Inlet Pres 90 psig
 InitResTemp 500 Degrees F
 TotExplCost 13 \$US Millions
 Av Well Cost 2 \$US Millions
 Subsurf Area 16 Sq.Km
 Tot PP Cost 120 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 15 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 324 Degrees F
 Av Well Depth 4920 Feet
 No. ProdWells 26
 No. Inj.Wells 6
 Fail AbdWells 43
 Total Wells 69
 R C Sludge 0 Tons per Month
 FinancOrganiz MITSUI
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1979
 PPShutDownYr 0
 GenrtrSource TOSHIBA
 ResOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His FAX (632)921-2468
 His TELEX 40120
 PP Operator NPC
 GathSystCost 18 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 73340000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 3 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 2 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst 2 STAGE STEAMJET EJ

PP Name TIWI PLANT C UNIT 5
 PP Site TIWI GEO FIELD
 Status O
 OperDate 02/28/82
 Nation PHIL
 SubDivision ALBAY
 Res Owner PHIL. GOVT.
 Res Devel NPC/PGI
 A and E MITSUI
 PP Owner NPC
 Turb Source TOSHIBA
 PwrPurchaser NPC
 PPContractor F.F. CRUZ
 PPOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His Fax (632)921-2468
 His TELEX 40120
 Gross Mw 55
 Net Mw 55
 TotWellProd 3282 KLbs/hr.
 TDS 9000 PPM
 PP Lifetime 25 Years
 Inlet Pres 90 psig
 InitResTemp 500 Degrees F
 TotExplCost 13 \$US Millions
 Av Well Cost 2 \$US Millions
 Subsurf Area 16 Sq.Km
 Tot PP Cost 116 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 91 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 324 Degrees F
 Av Well Depth 4920 Feet
 No. ProdWells 20
 No. Inj.Wells 6
 Fail AbdWells 20
 Total Wells 69
 R C Sludge 0 Tons per Month
 FinancOrganiz MITSUI
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1982
 PPShutDownYr 0
 GenrtrSource TOSHIBA
 ResOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His FAX (632)921-2468
 His TELEX 40120
 PP Operator NPC
 GathSystCost 18 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 440700000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 3 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 2 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst 2 STAGE STEAMJET EJ

PP Name TIWI PLANT C UNIT 6
 PP Site TIWI GEO FIELD
 Status 0
 OperDate 04/30/82
 Nation PHIL
 SubDivision ALBAY
 Res Owner PHIL. GOVT
 Res Devel NPC/PGI
 A and E MITSUI
 PP Owner NPC
 Turb Source TOSHIBA
 PwrPurchaser NPC
 PPContractor F.F. CRUZ
 PPOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His Fax (632)921-2468
 His TELEX 40120
 Gross Mw 55
 Net Mw 55
 TotWellProd 3282 KLbs/hr.
 TDS 9000 PPM
 PP Lifetime 25 Years
 Inlet Pres 90 psig
 InitResTemp 500 Degrees F
 TotExplCost 13 \$US Millions
 Av Well Cost 2 \$US Millions
 Subsurf Area 16 Sq.Km
 Tot PP Cost 116 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 81 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 324 Degrees F
 Av Well Depth 4920 Feet
 No. ProdWells 20
 No. Inj.Wells 6
 Fail AbdWells 20
 Total Wells 69
 R C Sludge 0 Tons per Month
 FinancOrganiz MITSUI
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1982
 PPShutDownYr 0
 GenrtrSource TOSHIBA
 ResOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His FAX (632)921-2468
 His TELEX 40120
 PP Operator NPC
 GathSystCost 18 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 391200000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 3 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 2 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst 2 STAGE STEAMJET EJ

PP Name TONGONAN 1 GEOUNIT 1
 PP Site TONGONAN GEO FIELD
 Status 0
 OperDate 06/30/83
 Nation PHIL
 SubDivision LEYTE
 Res Owner PHIL. GOVT.
 Res Devel PNOC
 A and E PNOC/KRTA
 PP Owner NPC
 Turb Source MITSUBISHI
 PwrPurchaser NPC
 PPContractor MITSUBISHI
 PPOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His Fax (632)921-2468
 His TELEX 40120
 Gross Mw 37
 Net Mw 37
 TotWellProd 5662 KLbs/hr.
 TDS 17000 PPM
 PP Lifetime 25 Years
 Inlet Pres 71 psig
 InitResTemp 642 Degrees F
 TotExplCost 8 \$US Millions
 Av Well Cost 1 \$US Millions
 Subsurf Area 22 Sq.Km
 Tot PP Cost 72 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 45 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 319 Degrees F
 Av Well Depth 6996 Feet
 No. ProdWells 13
 No. Inj.Wells 6
 Fail AbdWells 0
 Total Wells 19
 R C Sludge 0 Tons per Month
 FinancOrganiz OVERSEAS ECON COOP FUND
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1983
 PPShutDownYr 0
 GenrtrSource MITSUBISHI
 ResOwnrCntact PEDRO S. SANTOS
 His Employer PNOC
 His Phone 815-89-61
 His FAX
 His TELEX 40120
 PP Operator NPC
 GathSystCost 24 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 451500000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ???? Weight %
 Initial H2S ???? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ???? Weight %
 CurrentH2S ???? Weight %
 NCGTrtmtSyst 2 STAGE STEAMJET EJ

PP Name TONGONAN 1 GEOUNIT 2
 PP Site TONGONAN GEO FIELD
 Status 0
 OperDate 05/30/83
 Nation PHIL
 SubDivision LEYTE
 Res Owner PHIL. GOVT.
 Res Devel PNOC
 A and E PNOC/KRTA
 PP Owner NPC
 Turb Source MITSUBISHI
 PwrPurchaser NPC
 PPContractor MITSUBISHI
 PPOwnrCntact ERNESTO M.ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His Fax (632)921-2468
 His TELEX 40120
 Gross Mw 37
 Net Mw 37
 TotWellProd 5662 KLbs/hr.
 TDS 17000 PPM
 PP Lifetime 25 Years
 Inlet Pres 71 psig
 InitResTemp 642 Degrees F
 TotExplCost 8 \$US Millions
 Av Well Cost 1 \$US Millions
 Subsurf Area 22 Sq.Km
 Tot PP Cost 72 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 45 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 319 Degrees F
 Av Well Depth 6996 Feet
 No. ProdWells 13
 No. Inj.Wells 6
 Fail AbdWells 0
 Total Wells 19
 R C Sludge 0 Tons per Month
 FinancOrganiz OECF
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1983
 PPShutDownYr 0
 GenrtrSource MITSUBISHI
 ResOwnrCntact PEDRO S. SANTOS
 His Employer PNOC
 His Phone 815-89-61
 His FAX
 His TELEX 40120
 PP Operator NPC
 GathSystCost 24 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 451500000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst 2 STAGE STEAMJET EJ

PP Name TONGONAN 1 GEOUNIT 3
 PP Site TONGONAN GEO FIELD
 Status O
 OperDate 03/30/83
 Nation PHIL
 SubDivision LEYTE
 Res Owner PHIL. GOVT.
 Res Devel PNOC
 A and E PNOC/KRTA
 PP Owner NPC
 Turb Source MITSUBISHI
 PwrPurchaser NPC
 PPContractor MITSUBISHI
 PPOwnrCntact ERNESTO M. ABOITIZ
 His Employer NPC
 His Phone 921-29-98
 His Fax (632)921-2468
 His TELEX 40120
 Gross Mw 37
 Net Mw 37
 TotWellProd 5662 KLbs/hr.
 TDS 17000 PPM
 PP Lifetime 25 Years
 Inlet Pres 71 psig
 InitResTemp 642 Degrees F
 TotExplCost 8 \$US Millions
 Av Well Cost 1 \$US Millions
 Subsurf Area 22 Sq.Km
 Tot PP Cost 72 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 45 %
 Yr. of Avail 1989

PPCycleType S FLASH
 Inlet Temp 319 Degrees F
 Av Well Depth 6996 Feet
 No. ProdWells 13
 No. Inj.Wells 6
 Fail AbdWells 0
 Total Wells 19
 R C Sludge 0 Tons per Month
 FinancOrganiz OECF
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1983
 PPShutDownYr 0
 GenrtrSource MITSUBISHI
 ResOwnrCntact PEDRO S. SANTOS
 His Employer PNOC
 His Phone 815-89-61
 His FAX
 His TELEX 40120
 PP Operator NPC
 GathSystCost 24 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 451500000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst 2 STAGE STEAMJET EJ

PORTUGAUL

PP Name	PICO VERMELHO
PP Site	PICO VERMELHO
Status	0
OperDate	/ /79
Nation	PORT
SubDivision	SAO MIGUEL,AZORES IS
Res Owner	
Res Devel	
A and E	
PP Owner	
Turb Source	
PwrPurchaser	
PPContractor	
PPOwnrCntact	
His Employer	
His Phone	
His Fax	
His TELEX	
Gross Mw	3
Net Mw	1
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	0 Years
Inlet Pres	0 psig
InitResTemp	0 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	S FLASH
Inlet Temp	0 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1979
PPShutDownYr	0
GenrtrSource	
ResOwnrCntact	
His Employer	
His Phone	
His FAX	
His TELEX	
PP Operator	
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Year
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

REPUBLIC OF CHINA

PP Name CHINGSHUI
 PP Site YILAN
 Status 0
 OperDate 07/30/81
 Nation ROCH
 SubDivision TAIWAN
 Res Owner REPUBLIC OF CHINA
 Res Devel CHINESE PETROL. CO.
 A and E ELLIOT
 PP Owner TAIWAN POWER CO.
 Turb Source IBARA, JAPAN
 PwrPurchaser TAIWAN POWER CO.
 PPCContractor TAIWAN POWER CO.
 PPOwnrCntact Y.H. HWANG
 His Employer TAIWAN POWER CO.
 His Phone 039-892994
 His Fax 039-893628
 His TELEX NONE
 Gross Mw 3
 Net Mw 3
 TotWellProd 847000 KLbs/hr.
 TDS 4000 PPM
 PP Lifetime 15 Years
 Inlet Pres 47 psig
 InitResTemp 410 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 4 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 95 %
 Yr. of Avail 1989

PPCycleType S. FLASH
 Inlet Temp 312 Degrees F
 Av Well Depth 6560 Feet
 No. ProdWells 8
 No. Inj.Wells 0
 Fail AbdWells 3
 Total Wells 11
 R C Sludge 0 Tons per Month
 FinancOrganiz TAIWAN POWER CO.
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1981
 PPShutDownYr 0
 GenrtrSource IDEAL
 ResOwnrCntact K.S. YEH
 His Employer CHINESE PETROL. CO.
 His Phone 037-262100
 His FAX 037-267223
 His TELEX NONE
 PP Operator TAIWAN POWER CO.
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 3104000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 2 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst NONE

PP Name	TUCHANG
PP Site	TUCHANG
Status	0
OperDate	06/30/88
Nation	ROCH
SubDivision	TAIWAN
Res Owner	REPUBLIC OF CHINA
Res Devel	ERL, ITRI
A and E	ORMAT TURBINES
PP Owner	ENERGY COMM., MOEA
Turb Source	ORMAT TURBINES
PwrPurchaser	TAIWAN POWER CO.
PPContractor	ERL, ITRI
PPOwnrCntact	CHING-RAY LEE
His Employer	ERL, ITRI
His Phone	035-916349
His Fax	035-943680
His TELEX	31484ERLITRI
Gross Mw	0
Net Mw	0
TotWellProd	66000 KLbs/hr.
TDS	4300 PPM
PP Lifetime	10 Years
Inlet Pres	25 psig
InitResTemp	347 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	2 Sq.Km
Tot PP Cost	1 \$US Millions
TotProjCost	2 \$US Millions
Availability	56 %
Yr. of Avail	1988

PPCycleType	BINARY
Inlet Temp	266 Degrees F
Av Well Depth	1640 Feet
No. ProdWells	1
No. Inj.Wells	0
Fail AbdWells	3
Total Wells	4
R C Sludge	0 Tons per Month
FinancOrganiz	ENERGY COMM., MOEA
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1987
PPShutDownYr	1989
GenrtrSource	ORMAT TURBINES
ResOwnrCntact	WENG-TSE CHENG
His Employer	ERL, ITRI
His Phone	035-916340
His FAX	035-943680
His TELEX	31484ERLITRI
PP Operator	ERL, ITRI
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	337000 KWH per Year
PowerSalesYr	????
InitialTotNCG	2 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	CO2 RECOVERY SYSTEM

THAILAND

PP Name FANG GT DEMO PLANT
 PP Site FANG
 Status 0
 OperDate / /89
 Nation THAI
 SubDivision N.W. THAILAND
 Res Owner
 Res Devel
 A and E
 PP Owner ELEC GEN AUTH THAI.
 Turb Source
 PwrPurchaser
 PPContractor
 PPOwnrCntact CHAYA JIVICATE
 His Employer EGAT
 His Phone
 His Fax
 His TELEX TH 2711
 Gross Mw 0
 Net Mw 0
 TotWellProd 190080 KLbs/hr.
 TDS 550 PPM
 PP Lifetime 0 Years
 Inlet Pres 0 psig
 InitResTemp 260 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType BINARY
 Inlet Temp 0 Degrees F
 Av Well Depth 425 Feet
 No. ProdWells 2
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 2
 R C Sludge 0 Tons per Month
 FinancOrganiz
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1989
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact CHAYA JIVICATE
 His Employer EGAT
 His Phone
 His FAX
 His TELEX TH 2711
 PP Operator ELEC GEN AUTH THAI.
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

TURKEY

PP Name KIZILDERE
 PP Site DENIZLI
 Status 0
 OperDate 02/84/00
 Nation TURK
 SubDivision WESTERN ANATOLIA
 Res Owner
 Res Devel
 A and E
 PP Owner TURKISH ELECT. AUTH.
 Turb Source
 PwrPurchaser TURKISH ELECT. AUTH.
 PPCContractor
 PPOwnrCntact ENDER OKANDAN
 His Employer MID EAST TECH UNIV.
 His Phone 90-4/223-7100 X2894
 His Fax 90-4/223-6946
 His TELEX
 Gross Mw 20
 Net Mw 15
 TotWellProd 3 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 0 Years
 Inlet Pres 0 psig
 InitResTemp 408 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType S FLASH
 Inlet Temp 0 Degrees F
 Av Well Depth 2788 Feet
 No. ProdWells 9
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 9
 R C Sludge 0 Tons per Month
 FinancOrganiz
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1984
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact ENDER OKANDAN
 His Employer MID EAST TECH UNIV.
 His Phone 90-4/223-7100, X2894
 His FAX 90-4/2236946
 His TELEX
 PP Operator TURKISH ELECT.AUTH.
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 68000000 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ??? Weight %
 Initial H2S ??? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ??? Weight %
 CurrentH2S ??? Weight %
 NCGTrtmtSyst N/A

USSR

PP Name PAUZHETSKAYA
 PP Site KAMCHATKA, USSR
 Status 0
 OperDate / /66
 Nation USSR
 SubDivision KAMCHATKA
 Res Owner
 Res Devel
 A and E
 PP Owner
 Turb Source
 PwrPurchaser
 PPContractor
 PPOwnrCntact V.I. KONONOV
 His Employer GEOL INST ACAD SCI.
 His Phone
 His Fax
 His TELEX
 Gross Mw 11
 Net Mw 11
 TotWellProd 2 KLbs/hr.
 TDS 3100 PPM
 PP Lifetime 0 Years
 Inlet Pres 0 psig
 InitResTemp 420 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType S FLASH
 Inlet Temp 0 Degrees F
 Av Well Depth 3936 Feet
 No. ProdWells 9
 No. Inj.Wells 11
 Fail AbdWells 0
 Total Wells 20
 R C Sludge 0 Tons per Month
 FinancOrganiz
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1966
 PPShutDownYr 0
 GenrtrSource
 ResOwnrCntact I.V. KONONOV
 His Employer GEOL INST ACAD. SCI.
 His Phone
 His FAX
 His TELEX
 PP Operator
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Year
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

USA

PP Name GEM 1 (McCABE)
 PP Site CALIFORNIA CD 45
 Status 0
 OperDate 02/01/80
 Nation USA
 SubDivision IMPERIAL VALLEY
 Res Owner FEDERAL
 Res Devel MAGMA POWER CO
 A and E N/A
 PP Owner GEO OPERATOR CORP
 Turb Source MAGMAMAX
 PwrPurchaser SO. CAL. EDISON
 PPContractor GEOTH. RESOURCES CO.
 PPOwnrCntact N/A
 His Employer GEO OPERATOR CORP
 His Phone 0
 His Fax 0
 His TELEX 0
 Gross Mw 14
 Net Mw 13
 TotWellProd 151000 KLbs/hr.
 TDS 999 PPM
 PP Lifetime 30 Years
 Inlet Pres 240 psig
 InitResTemp 375 Degrees F
 TotExplCost 2 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 20 \$US Millions
 TotProjCost 25 \$US Millions
 Availability 98 %
 Yr. of Avail 0

PPCycleType BINARY
 Inlet Temp 375 Degrees F
 Av Well Depth 3000 Feet
 No. ProdWells 3
 No. Inj.Wells 2
 Fail AbdWells 2
 Total Wells 10
 R_C Sludge 0 Tons per Month
 FinancOrganiz N/A
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1980
 PPShutDownYr 0
 GenrtrSource MAGMAMAX
 ResOwnrCntact
 His Employer BUR. LAND MGMT.
 His Phone 0
 His FAX 0
 His TELEX 0
 PP Operator GEO OPERATOR CORP
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name	GEM 2 AND 3
PP Site	CALIFORNIA
Status	0
OperDate	04/28/89
Nation	USA
SubDivision	IMPERIAL VALLEY
Res Owner	FEDERAL
Res Devel	GEO OPERATOR CO
A and E	STONE & WEBSTER
PP Owner	GEO OPERATOR CORP
Turb Source	mitsubishi
PwrPurchaser	SO. CAL. EDISON
PPContractor	BECHTEL CORP
PPOwnrCntact	N/A
His Employer	GEO OPERATOR CORP
His Phone	0
His Fax	0
His TELEX	0
Gross Mw	50
Net Mw	40
TotWellProd	7700 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	50 psig
InitResTemp	360 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D FLASH
Inlet Temp	340 Degrees F
Av Well Depth	8000 Feet
No. ProdWells	14
No. Inj.Wells	14
Fail AbdWells	0
Total Wells	28
R_C Sludge	0 Tons per Month
FinancOrganiz	N/A
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1989
PPShutDownYr	0
GenrtrSource	mitsubishi
ResOwnrCntact	N/A
His Employer	BUR. LAND MGMT
His Phone	0
His FAX	0
His TELEX	0
PP Operator	GEO OPERATOR CORP
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	ORMESA 1
PP Site	CALIFORNIA CACD 45
Status	0
OperDate	12/31/86
Nation	USA
SubDivision	IMPERIAL VALLEY
Res Owner	FEDRAL
Res Devel	ORMAT ENERGY INC.
A and E	ORMAT
PP Owner	ORMAT
Turb Source	ORMAT
PwrPurchaser	SO. CAL. EDISON
PPContractor	ORMAT
PPOwnrCntact	HEZY RAM
His Employer	ORMAT
His Phone	702/356-9111
His Fax	0
His TELEX	0
Gross Mw	30
Net Mw	24
TotWellProd	0 KLbs/hr.
TDS	1000 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	325 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	BINARY
Inlet Temp	0 Degrees F
Av Well Depth	4500 Feet
No. ProdWells	11
No. Inj.Wells	4
Fail AbdWells	0
Total Wells	15
R C Sludge	0 Tons per Month
FinancOrganiz	0
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1986
PPShutDownYr	0
GenrtrSource	ORMAT
ResOwnrCntact	N/A
His Employer	BUR. LAND MGMT
His Phone	0
His FAX	0
His TELEX	0
PP Operator	ORMAT
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	NONE

PP Name	HEBER BINARY 1
PP Site	CALIFORNIA CA 45
Status	N
OperDate	04/01/85
Nation	USA
SubDivision	IMPERIAL VALLEY
Res Owner	N/A
Res Devel	CHEVRON
A and E	N/A
PP Owner	SDG&E
Turb Source	N/A
PwrPurchaser	SDG&E
PPContractor	WESTEC
PPOwnrCntact	N/A
His Employer	0
His Phone	0
His Fax	0
His TELEX	0
Gross Mw	67
Net Mw	45
TotWellProd	0 KLbs/hr.
TDS	15000 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	370 Degrees F
TotExplCost	46 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	14 Sq.Km
Tot PP Cost	103 \$US Millions
TotProjCost	150 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	BINARY
Inlet Temp	370 Degrees F
Av Well Depth	4000 Feet
No. ProdWells	13
No. Inj.Wells	9
Fail AbdWells	0
Total Wells	22
R C Sludge	0 Tons per Month
FinancOrganiz	DOE/ INDUSTRY
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1985
PPShutDownYr	1987
GenrtrSource	MITSUBISHI
ResOwnrCntact	N/A
His Employer	0
His Phone	0
His FAX	0
His TELEX	0
PP Operator	SDG&E
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	NONE

PP Name HEBER FLASH 1
 PP Site CALIFORNIA
 Status 0
 OperDate 01/01/85
 Nation USA
 SubDivision IMPERIAL VALLEY
 Res Owner N/A
 Res Devel CHEVRON RESOURCES
 A and E GIBBS AND HILL
 PP Owner DRAVO CONSTRUCTORS
 Turb Source MITSUBISHI
 PwrPurchaser SO. CAL. EDISON
 PPContractor DRAVO CONTRACTORS
 PPOwnrCntact N/A
 His Employer CALPINE CORP.0
 His Phone 0
 His Fax 0
 His TELEX 0
 Gross Mw 52
 Net Mw 47
 TotWellProd 0 KLbs/hr.
 TDS 15000 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 370 Degrees F
 TotExplCost 45 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 14 Sq.Km
 Tot PP Cost 85 \$US Millions
 TotProjCost 130 \$US Millions
 Availability 94 %
 Yr. of Avail 0

PPCycleType D FLASH
 Inlet Temp 0 Degrees F
 Av Well Depth 4000 Feet
 No. ProdWells 10
 No. Inj.Wells 9
 Fail AbdWells 0
 Total Wells 19
 R C Sludge 0 Tons per Month
 FinancOrganiz GE CREDIT CORP.
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1985
 PPShutDownYr 0
 GenrtrSource MITSUBISHI
 ResOwnrCntact N/A
 His Employer 0
 His Phone 0
 His FAX 0
 His TELEX 0
 PP Operator CALPINE
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ???? Weight %
 Initial H2S ???? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ???? Weight %
 CurrentH2S ???? Weight %
 NCGTrtmtSyst N/A

PP Name VULCAN
 PP Site CALIFORNIA
 Status 0
 OperDate 02/01/86
 Nation USA
 SubDivision IMPERIAL VALLEY
 Res Owner PRIVATE
 Res Devel MAGMA
 A and E N/A
 PP Owner MAGMA
 Turb Source MITSUBISHI
 PwrPurchaser SO. CAL. EDISON
 PPContractor MAGMA
 PPOwnrCntact ARNOLD JOHNSON
 His Employer MAGMA
 His Phone 619/487-9412
 His Fax 0
 His TELEX 0
 Gross Mw 40
 Net Mw 38
 TotWellProd 3000 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 350 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 69 \$US Millions
 TotProjCost 77 \$US Millions
 Availability 98 %
 Yr. of Avail 0

PPCycleType D FLASH
 Inlet Temp 350 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 12
 No. Inj.Wells 7
 Fail AbdWells 0
 Total Wells 19
 R C Sludge 0 Tons per Month
 FinancOrganiz MORGAN GUARANTEE
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1986
 PPShutDownYr 0
 GenrtrSource MITSUBISHI
 ResOwnrCntact N/A
 His Employer 0
 His Phone 0
 His FAX 0
 His TELEX 0
 PP Operator MAGMA
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name	SMUDGE 1
PP Site	CALIFORNIA
Status	0
OperDate	12/01/83
Nation	USA
SubDivision	GEYSERS
Res Owner	FEDERAL
Res Devel	CALPINE
A and E	STONE & WEBSTER
PP Owner	SAC.MUN.WATER DIST.
Turb Source	MITSUBISHI
PwrPurchaser	SMUD
PPContractor	SMUD
PPOwnrCntact	JAKE RUDISILL
His Employer	CALPINE
His Phone	707/578-2702
His Fax	0
His TELEX	0
Gross Mw	78
Net Mw	72
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	460 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	92 \$US Millions
TotProjCost	0 \$US Millions
Availability	98 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	460 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	N/A
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1983
PPShutDownYr	0
GenrtrSource	MITSUBISHI
ResOwnrCntact	N/A
His Employer	BUR LAND MGMT/USFS
His Phone	0
His FAX	0
His TELEX	0
PP Operator	SMUD
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	BLUNDELL UNIT 1	PPCycleType	S FLASH
PP Site	UTAH	Inlet Temp	383 Degrees F
Status	0	Av Well Depth	0 Feet
OperDate	07/01/84	No. ProdWells	0
Nation	USA	No. Inj.Wells	0
SubDivision	MILFORD AREA	Fail AbdWells	0
Res Owner	FEDERAL	Total Wells	0
Res Devel	CALIFORNIA ENERGY	R C Sludge	0 Tons per Month
A and E	GIBBS & HILL	FinancOrganiz	N/A
PP Owner	PACIFICORPS	PwrSalePrice	????? \$US per KWH
Turb Source	GENERAL ELECTRIC	PPCmpltnYear	1984
PwrPurchaser	UTAH POWER AND LIGHT	PPShutDownYr	0
PPContractor	N/A	GenrtrSource	GENERAL ELECTRIC
PPOwnrCntact	N/A	ResOwnrCntact	N/A
His Employer	N/A	His Employer	0
His Phone	0	His Phone	0
His Fax	0	His FAX	0
His TELEX	0	His TELEX	0
Gross Mw	23	PP Operator	UTAH POWER AND LIGHT
Net Mw	20	GathSystCost	0 \$US Millions
TotWellProd	0 KLbs/hr.	Av Well Life	??? Years
TDS	7000 PPM	H2S Sludge	0 Tons per Month
PP Lifetime	30 Years	Power Sales	0 KWH per Yea
Inlet Pres	0 psig	PowerSalesYr	????
InitResTemp	383 Degrees F	InitialTotNCG	0 Weight %
TotExplCost	12 \$US Millions	Initial CO2	???? Weight %
Av Well Cost	0 \$US Millions	Initial H2S	???? Weight %
Subsurf Area	0 Sq.Km	CurrentTotNCG	0 Weight %
Tot PP Cost	23 \$US Millions	CurrentCO2	???? Weight %
TotProjCost	35 \$US Millions	CurrentH2S	???? Weight %
Availability	89 %	NCGTrtmtSyst	N/A
Yr. of Avail	0		

PP Name NAVY 1 UNIT 1
 PP Site CALIFORNIA
 Status 0
 OperDate 07/01/87
 Nation USA
 SubDivision COSO AREA
 Res Owner US NAVY
 Res Devel CALIFORNIA ENERGY CO
 A and E CEC + MISSION ENERGY
 PP Owner CEC+MISSION ENERGY
 Turb Source MITSUBISHI
 PwrPurchaser SO. CAL. EDISON
 PPContractor CALIFORNIA ENERGY CO
 PPOwnrCntact N/A
 His Employer 0
 His Phone 0
 His Fax 0
 His TELEX 0
 Gross Mw 0
 Net Mw 30
 TotWellProd 0 KLbs/hr.
 TDS 6000 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 450 Degrees F
 TotExplCost 23 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 48 \$US Millions
 TotProjCost 71 \$US Millions
 Availability 90 %
 Yr. of Avail 0

PPCycleType D FLASH
 Inlet Temp 450 Degrees F
 Av Well Depth 6000 Feet
 No. ProdWells 9
 No. Inj.Wells 3
 Fail AbdWells 0
 Total Wells 12
 R_C Sludge 0 Tons per Month
 FinancOrganiz CREDIT SWISS
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1987
 PPShutDownYr 0
 GenrtrSource MITSUBISHI
 ResOwnrCntact N/A
 His Employer 0
 His Phone 0
 His FAX 0
 His TELEX 0
 PP Operator CALIFORNIA ENERGY CO
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ??? Weight %
 Initial H2S ??? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ??? Weight %
 CurrentH2S ??? Weight %
 NCGTrtmtSyst REINJECTION

PP Name	ORMESA 2
PP Site	CALIFORNIA
Status	0
OperDate	01/01/88
Nation	USA
SubDivision	EAST MESA, IMP. VALL
Res Owner	FEDERAL
Res Devel	ORMAT/HARBERT
A and E	ORMAT
PP Owner	ORMAT
Turb Source	ORMAT
PwrPurchaser	SO. CAL. EDISON
PPContractor	ORMAT
PPOwnrCntact	HEZY RAM
His Employer	ORMAT
His Phone	702/356-9111
His Fax	0
His TELEX	0
Gross Mw	20
Net Mw	17
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	330 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	BINARY
Inlet Temp	330 Degrees F
Av Well Depth	0 Feet
No. ProdWells	7
No. Inj.Wells	3
Fail AbdWells	0
Total Wells	10
R C Sludge	0 Tons per Month
FinancOrganiz	PRUDENTIAL
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1988
PPShutDownYr	0
GenrtrSource	ORMAT
ResOwnrCntact	N/A
His Employer	0
His Phone	0
His FAX	0
His TELEX	0
PP Operator	ORMAT
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	NONE

PP Name MAMMOTH PACIFIC 1
 PP Site CALIFORNIA
 Status 0
 OperDate 03/01/84
 Nation USA
 SubDivision LONG VALLEY-MONO
 Res Owner MAGMA POWER
 Res Devel PACIFIC ENERGY
 A and E BEN HOLT CO
 PP Owner PACIFIC ENERGY
 Turb Source BEN HOLT CO
 PwrPurchaser SO. CAL. EDISON
 PPContractor BEN HOLT CO
 PPOwnrCntact MICHAEL WALKER
 His Employer PACIFIC ENERGY
 His Phone 213/725-1139
 His Fax 0
 His TELEX 0
 Gross Mw 10
 Net Mw 7
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 330 Degrees F
 TotExplCost 3 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 10 \$US Millions
 TotProjCost 13 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType BINARY
 Inlet Temp 330 Degrees F
 Av Well Depth 650 Feet
 No. ProdWells 4
 No. Inj.Wells 3
 Fail AbdWells 0
 Total Wells 7
 R_C Sludge 0 Tons per Month
 FinancOrganiz HOLT/PACIFIC LIGHTING
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1984
 PPShutDownYr 0
 GenrtrSource THE BEN HOLT CO
 ResOwnrCntact N/A
 His Employer MAGMA POWER
 His Phone 0
 His FAX 0
 His TELEX 0
 PP Operator PCIFIC ENERGY
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name	WINEAGLE
PP Site	CALIFORNIA
Status	0
OperDate	12/31/85
Nation	USA
SubDivision	WENDEL-AMIDEE AREA
Res Owner	PRIVATE
Res Devel	WINEAGLE DEVELOPERS
A and E	BARBER NICHOLS ENG.
PP Owner	WINEAGLE DEVELOPERS
Turb Source	BARBER NICHOLS ENG.
PwrPurchaser	PG & E
PPContractor	WINEAGLE
PPOwnrCntact	KEN NICHOLS
His Employer	BARBER NICHOLS ENG.
His Phone	303/421-8111
His Fax	303/420-4679
His TELEX	0
Gross Mw	2
Net Mw	1
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	217 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	BINARY
Inlet Temp	217 Degrees F
Av Well Depth	0 Feet
No. ProdWells	1
No. Inj.Wells	1
Fail AbdWells	0
Total Wells	2
R C Sludge	0 Tons per Month
FinancOrganiz	0
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1985
PPShutDownYr	0
GenrtrSource	BARBER NICHOLS ENG.
ResOwnrCntact	N/A
His Employer	0
His Phone	0
His FAX	0
His TELEX	0
PP Operator	BARBER NICHOLS ENG.
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	NONE

PP Name	HGP-A
PP Site	HAWAII
Status	N
OperDate	12/01/81
Nation	USA
SubDivision	EAST RIFT, HAWAII
Res Owner	HAWAII
Res Devel	BARNWELL INDUSTRIES
A and E	N/A
PP Owner	HAWAII ELECTRIC CO
Turb Source	ELLIOT
PwrPurchaser	HELCO
PPContractor	HELCO
PPOwnrCntact	N/A
His Employer	0
His Phone	0
His Fax	0
His TELEX	0
Gross Mw	3
Net Mw	2
TotWellProd	8000 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	175 psig
InitResTemp	390 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	12 \$US Millions
Availability	98 %
Yr. of Avail	0

PPCycleType	S FLASH
Inlet Temp	390 Degrees F
Av Well Depth	6450 Feet
No. ProdWells	1
No. Inj.Wells	1
Fail_AbdWells	0
Total Wells	2
R C Sludge	0 Tons per Month
FinancOrganiz	DOE/HAWAII/HELCO
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1981
PPShutDownYr	1990
GenrtrSource	ELLIOT
ResOwnrCntact	N/A
His Employer	0
His Phone	0
His FAX	0
His TELEX	0
PP Operator	HI NAT ENERGY LAB.
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	NONE

PP Name	DESERT PEAK
PP Site	NEVADA
Status	0
OperDate	12/20/85
Nation	USA
SubDivision	LOVELOCK, NV AREA
Res Owner	FEDERAL
Res Devel	FREEPORT
A and E	CHEVRON
PP Owner	FREEPORT
Turb Source	DELEVAL
PwrPurchaser	SIERRA PACIFIC
PPContractor	CHEVRON
PPOwnrCntact	N/A
His Employer	CAL. ENERGY CORP.
His Phone	0
His Fax	0
His TELEX	0
Gross Mw	11
Net Mw	9
TotWellProd	1100 KLbs/hr.
TDS	7000 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	410 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D FLASH
Inlet Temp	410 Degrees F
Av Well Depth	5500 Feet
No. ProdWells	2
No. Inj.Wells	1
Fail AbdWells	0
Total Wells	3
R C Sludge	0 Tons per Month
FinancOrganiz	N/A
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1985
PPShutDownYr	0
GenrtrSource	DELEVAL
ResOwnrCntact	N/A
His Employer	U.S. BLM
His Phone	0
His FAX	0
His TELEX	0
PP Operator	CAL. ENERGY CO.
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name EMPIRE GEO. PROJECT
 PP Site NEVADA
 Status 0
 OperDate 12/31/87
 Nation USA
 SubDivision GERLACH, NV AREA
 Res Owner FEDERAL
 Res Devel STEWART/ORMAT
 A and E ORMAT
 PP Owner ORMAT
 Turb Source ORMAT
 PwrPurchaser SIERRA PACIFIC
 PPContractor ORMAT
 PPOwnrCntact HEZY RAM
 His Employer ORMAT
 His Phone 702/356-8111
 His Fax 0
 His TELEX 0
 Gross Mw 0
 Net Mw 3
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 300 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 9 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType BINARY
 Inlet Temp 280 Degrees F
 Av Well Depth 700 Feet
 No. ProdWells 2
 No. Inj.Wells 1
 Fail AbdWells 0
 Total Wells 3
 R C Sludge 0 Tons per Month
 FinancOrganiz ORMAT/CONSTELLATION
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1987
 PPShutDownYr 0
 GenrtrSource ORMAT
 ResOwnrCntact HEZY RAM
 His Employer ORMAT
 His Phone 702/356-8111
 His FAX 0
 His TELEX 0
 PP Operator ORMAT
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst NONE

PP Name	SODA LAKE 1
PP Site	NEVADA
Status	0
OperDate	12/31/87
Nation	USA
SubDivision	FALLON, NV AREA
Res Owner	FEDERAL
Res Devel	CHEVRON
A and E	ORMAT
PP Owner	ORMAT
Turb Source	ORMAT
PwrPurchaser	SIERRA PACIFIC
PPContractor	ORMAT
PPOwnrCntact	HEZY RAM
His Employer	ORMAT
His Phone	702/356-8111
His Fax	0
His TELEX	0
Gross Mw	4
Net Mw	2
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	340 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	6 \$US Millions
TotProjCost	0 \$US Millions
Availability	88 %
Yr. of Avail	1989

PPCycleType	BINARY
Inlet Temp	340 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ORMAT/CONSTELLATION
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1987
PPShutDownYr	0
GenrtrSource	ORMAT
ResOwnrCntact	N/A
His Employer	U.S. BLM
His Phone	0
His FAX	0
His TELEX	0
PP Operator	ORMAT
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	NONE

PP Name SODA LAKE 2
 PP Site NEVADA
 Status 0
 OperDate 08/31/90
 Nation USA
 SubDivision FALLON, NV AREA
 Res Owner FEDERAL
 Res Devel CHEVRON/ORMAT
 A and E ORMAT
 PP Owner ORMAT
 Turb Source ORMAT
 PwrPurchaser SIERRA PACIFIC
 PPContractor ORMAT
 PPOwnrCntact HEZY RAM
 His Employer ORMAT
 His Phone 702/356-8111
 His Fax 0
 His TELEX 0
 Gross Mw 15
 Net Mw 13
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 340 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 5 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 88 %
 Yr. of Avail 1990

PPCycleType BINARY
 Inlet Temp 340 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 0
 R_C Sludge 0 Tons per Month
 FinancOrganiz CONSTELLATION/LFC/ORMAT
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1990
 PPShutDownYr 0
 GenrtrSource ORMAT
 ResOwnrCntact N/A
 His Employer U.S. BLM
 His Phone 0
 His FAX 0
 His TELEX 0
 PP Operator ORMAT
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst NONE

PP Name STEAMBOAT GEO I
 PP Site NEVADA
 Status 0
 OperDate 12/27/85
 Nation USA
 SubDivision RENO, NV AREA
 Res Owner FEDERAL/PRIVATE
 Res Devel GEOTHERMAL DEVELOP.
 A and E ORMAT
 PP Owner FAR WEST CAPITAL
 Turb Source ORMAT
 PwrPurchaser SIERRA PACIFIC
 PPContractor ORMAT
 PPOwnrCntact N/A
 His Employer FAR WEST CAPITAL
 His Phone 0
 His Fax 0
 His TELEX 0
 Gross Mw 7
 Net Mw 6
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 330 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 95 %
 Yr. of Avail 1989

PPCycleType BINARY
 Inlet Temp 330 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 3
 No. Inj.Wells 3
 Fail_AbdWells 0
 Total Wells 6
 R C Sludge 0 Tons per Month
 FinancOrganiz FAR WEST CAPITAL
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1987
 PPShutDownYr 0
 GenrtrSource ORMAT
 ResOwnrCntact N/A
 His Employer U.S.BLM
 His Phone 0
 His FAX 0
 His TELEX 0
 PP Operator FAR WEST CAPITAL
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst NONE

PP Name CAITHNESS/SEQUA
 PP Site NEVADA
 Status 0
 OperDate 02/14/88
 Nation USA
 SubDivision RENO, NV AREA
 Res Owner FEDERAL
 Res Devel CAITHNESS/SEQUA
 A and E INDUSTRIAL/MISSION
 PP Owner CAITHNESS/SEQUA
 Turb Source GEOTHERMAL ENERGY CO
 PwrPurchaser SIERRA PACIFIC
 PPContractor GEOTHERMAL ENERGY CO
 PPOwnrCntact H.A. BINGHAM
 His Employer CAITHNESS
 His Phone 212/921-9099
 His Fax 0
 His TELEX 0
 Gross Mw 12
 Net Mw 11
 TotWellProd 2250 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 30 Years
 Inlet Pres 120 psig
 InitResTemp 410 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 12 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 15 \$US Millions
 Availability 99 %
 Yr. of Avail 0

PPCycleType S FLASH
 Inlet Temp 410 Degrees F
 Av Well Depth 2650 Feet
 No. ProdWells 3
 No. Inj.Wells 1
 Fail AbdWells 0
 Total Wells 4
 R C Sludge 0 Tons per Month
 FinancOrganiz N/A
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1988
 PPShutDownYr 0
 GenrtrSource GEOTHERMAL POWER CO
 ResOwnrCntact N/A
 His Employer U.S.BLM
 His Phone 0
 His FAX 0
 His TELEX 0
 PP Operator CAITHNESS
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name	TADS ENTERPRISES
PP Site	NEVADA
Status	0
OperDate	09/01/84
Nation	USA
SubDivision	WABUSKA, NV AREA
Res Owner	TADS ENTERPRISES
Res Devel	TADS ENTERPRISES
A and E	N/A
PP Owner	TADS ENTERPRISES
Turb Source	ORMAT
PwrPurchaser	SIERRA PACIFIC
PPContractor	TADS ENTERPRISES
PPOwnrCntact	N/A
His Employer	TADS ENTERPRISES
His Phone	0
His Fax	0
His TELEX	0
Gross Mw	2
Net Mw	2
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	220 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	98 %
Yr. of Avail	0

PPCycleType	BINARY
Inlet Temp	220 Degrees F
Av Well Depth	300 Feet
No. ProdWells	1
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	GRACE TOWNSEND
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1984
PPShutDownYr	0
GenrtrSource	ORMAT
ResOwnrCntact	N/A
His Employer	TADS ENTERPRISES
His Phone	0
His FAX	0
His TELEX	0
PP Operator	TADS ENTERPRISES
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	NONE

PP Name COVE FORT GEO #1
 PP Site UTAH
 Status 0
 OperDate 05/01/85
 Nation USA
 SubDivision I-15/I-70 INTERSECTN
 Res Owner FEDERAL
 Res Devel MOTHER EARTH/PROVO
 A and E ORMAT
 PP Owner MOTHER EARTH/PROVO
 Turb Source ORMAT
 PwrPurchaser UT MUNICIPAL PWR AGENCY
 PPContractor CITY OF PROVO
 PPOwnrCntact N/A
 His Employer CITY OF PROVO
 His Phone 0
 His Fax 0
 His TELEX 0
 Gross Mw 7
 Net Mw 3
 TotWellProd 190000 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 30 Years
 Inlet Pres 48 psig
 InitResTemp 330 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 2 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 9 \$US Millions
 Availability 90 %
 Yr. of Avail 0

PPCycleType BINARY
 Inlet Temp 330 Degrees F
 Av Well Depth 1300 Feet
 No. ProdWells 2
 No. Inj.Wells 1
 Fail AbdWells 1
 Total Wells 4
 R C Sludge 0 Tons per Month
 FinancOrganiz N/A
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1985
 PPShutDownYr 0
 GenrtrSource ORMAT
 ResOwnrCntact W.A. PORTANOVA
 His Employer MOTHER EARTH IND.
 His Phone 602/998-3991
 His FAX 0
 His TELEX 0
 PP Operator CITY OF PROVO
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst NONE

PP Name SALTON SEA UNIT 1
 PP Site CALIFORNIA
 Status 0
 OperDate 12/30/82
 Nation USA
 SubDivision SALTON SEA AREA
 Res Owner PRIVATE
 Res Devel EARTH ENERGY
 A and E N/A
 PP Owner EARTH ENERGY
 Turb Source FUJI
 PwrPurchaser SO. CAL. EDISON
 PPContractor N/A
 PPOwnrCntact N/A
 His Employer EARTH ENERGY
 His Phone 0
 His Fax 0
 His TELEX 0
 Gross Mw 0
 Net Mw 10
 TotWellProd 0 KLbs/hr.
 TDS 250000 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 590 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 86 %
 Yr. of Avail 0

PPCycleType S FLASH
 Inlet Temp 590 Degrees F
 Av Well Depth 3500 Feet
 No. ProdWells 3
 No. Inj.Wells 4
 Fail AbdWells 0
 Total Wells 7
 R C Sludge 0 Tons per Month
 FinancOrganiz N/A
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1982
 PPShutDownYr 0
 GenrtrSource FUJI
 ResOwnrCntact N/A
 His Employer EARTH ENERGY
 His Phone 0
 His FAX 0
 His TELEX 0
 PP Operator EARTH ENERGY
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name BOTTLE ROCK
 PP Site CALIFORNIA
 Status N
 OperDate 05/16/85
 Nation USA
 SubDivision EAST GEYSERS
 Res Owner COLEMAN FAMILY
 Res Devel MCR GEOTHERMAL
 A and E N/A
 PP Owner CA DEPT OF WATER RES
 Turb Source FUJI
 PwrPurchaser CDWR
 PPContractor CDWR
 PPOwnrCntact N/A
 His Employer CDWR
 His Phone 0
 His Fax 0
 His TELEX 0
 Gross Mw 55
 Net Mw 20
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 6 Years
 Inlet Pres 100 psig
 InitResTemp 360 Degrees F
 TotExplCost 42 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 58 \$US Millions
 TotProjCost 101 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType D STEAM
 Inlet Temp 360 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 12
 No. Inj.Wells 1
 Fail AbdWells 0
 Total Wells 13
 R C Sludge 0 Tons per Month
 FinancOrganiz N/A
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1985
 PPShutDownYr 1991
 GenrtrSource FUJI
 ResOwnrCntact N/A
 His Employer N/A
 His Phone 0
 His FAX 0
 His TELEX 0
 PP Operator CDWR (S/D 3/91)
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ???? Weight %
 Initial H2S ???? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ???? Weight %
 CurrentH2S ???? Weight %
 NCGTrtmtSyst N/A

PP Name COLD WATER CREEK
 PP Site CALIFORNIA
 Status 0
 OperDate 06/01/88
 Nation USA
 SubDivision NORTH GEYSERS
 Res Owner PRIVATE
 Res Devel GEO OPERATOR CO
 A and E STONE & WEBSTER
 PP Owner CENTRL CA PWR AGENCY
 Turb Source TOSHIBA
 PwrPurchaser CCPA
 PPContractor CCPA
 PPOwnrCntact STEPHEN PONDER
 His Employer GEO OPERATOR CO
 His Phone 707/523-4272
 His Fax 0
 His TELEX 0
 Gross Mw 132
 Net Mw 120
 TotWellProd 880000 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 30 Years
 Inlet Pres 60 psig
 InitResTemp 380 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 105 \$US Millions
 TotProjCost 218 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType D STEAM
 Inlet Temp 380 Degrees F
 Av Well Depth 8000 Feet
 No. ProdWells 15
 No. Inj.Wells 2
 Fail AbdWells 0
 Total Wells 17
 R_C Sludge 0 Tons per Month
 FinancOrganiz MORGAN GUARANTEE ET AL
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1988
 PPShutDownYr 0
 GenrtrSource TOSHIBA
 ResOwnrCntact N/A
 His Employer N/A
 His Phone 0
 His FAX 0
 His TELEX 0
 PP Operator GEO OPERATOR CO
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name	PG&E # 15
PP Site	CALIFORNIA
Status	N
OperDate	06/17/79
Nation	USA
SubDivision	WEST GEYSERS
Res Owner	PG&E 95%
Res Devel	GEO OPERATOR CO
A and E	N/A
PP Owner	PG&E
Turb Source	GENERAL ELECTRIC
PwrPurchaser	PG&E
PPContractor	PG&E
PPOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	0
His Fax	0
His TELEX	0
Gross Mw	62
Net Mw	57
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	11 Years
Inlet Pres	0 psig
InitResTemp	380 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	37 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	380 Degrees F
Av Well Depth	0 Feet
No. ProdWells	9
No. Inj.Wells	1
Fail AbdWells	0
Total Wells	10
R C Sludge	0 Tons per Month
FinancOrganiz	N/A
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1979
PPShutDownYr	1989
GenrtrSource	GENERAL ELECTRIC
ResOwnrCntact	N/A
His Employer	PG&E
His Phone	0
His FAX	0
His TELEX	0
PP Operator	GEO OPERATOR CO
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name NCPA 1 (OLD #2)
 PP Site CALIFORNIA
 Status 0
 OperDate 02/23/83
 Nation USA
 SubDivision SOUTHERN GEYSERS
 Res Owner FEDERAL
 Res Devel GRACE GEOTHERMAL
 A and E GIBBS AND HILL
 PP Owner NORTH. CAL PWR AGNCY
 Turb Source FUJI
 PwrPurchaser NCPA
 PPContractor NCPA
 PPOwnrCntact RICHARD YARTER
 His Employer NCPA
 His Phone 916/781-3636
 His Fax 0
 His TELEX 0
 Gross Mw 0
 Net Mw 106
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 390 Degrees F
 TotExplCost 125 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 100 \$US Millions
 TotProjCost 225 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType D STEAM
 Inlet Temp 390 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz N/A
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1983
 PPShutDownYr 0
 GenrtrSource FUJI
 ResOwnrCntact N/A
 His Employer U.S. BLM
 His Phone 0
 His FAX 0
 His TELEX 0
 PP Operator NCPA
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ???
 InitialTotNCG 0 Weight %
 Initial CO2 ??? Weight %
 Initial H2S ??? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ??? Weight %
 CurrentH2S ??? Weight %
 NCGTrtmtSyst N/A

PP Name NCPA #2 (OLD #3)
 PP Site CALIFORNIA
 Status 0
 OperDate 06/01/86
 Nation USA
 SubDivision SOUTHERN GEYSERS
 Res Owner FEDERAL
 Res Devel GRACE GEOTHERMAL
 A and E N/A
 PP Owner NORTH CA PWR AGENCY
 Turb Source FUJI
 PwrPurchaser NCPA
 PPContractor NCPA
 PPOwnrCntact RICHARD YARTER
 His Employer NCPA
 His Phone 916/781-3636
 His Fax 0
 His TELEX 0
 Gross Mw 0
 Net Mw 106
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 390 Degrees F
 TotExplCost 50 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 120 \$US Millions
 TotProjCost 170 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType D STEAM
 Inlet Temp 390 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz TAX EXEMPT
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1986
 PPShutDownYr 0
 GenrtrSource FUJI
 ResOwnrCntact N/A
 His Employer U.S. BLM
 His Phone 0
 His FAX 0
 His TELEX 0
 PP Operator NCPA
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name SANTA FE #1 (OXY #1)
 PP Site CALIFORNIA
 Status 0
 OperDate 03/31/84
 Nation USA
 SubDivision CENTRAL GEYSERS
 Res Owner FEDERAL
 Res Devel SANTA FE GEOTHERMAL
 A and E STONE & WEBSTER
 PP Owner SANTA FE GEOTHERMAL
 Turb Source TOSHIBA
 PwrPurchaser PG&E
 PPContractor SANTA FE GEOTHERMAL
 PPOwnrCntact JOHN PETERS
 His Employer SANTA FE GEOTHERMAL
 His Phone 214/701-7300
 His Fax 0
 His TELEX 0
 Gross Mw 97
 Net Mw 80
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 338 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 99 %
 Yr. of Avail 0

PPCycleType D STEAM
 Inlet Temp 338 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz 0
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1984
 PPShutDownYr 0
 GenrtrSource TOSHIBA
 ResOwnrCntact N/A
 His Employer U.S. BLM
 His Phone 0
 His FAX 0
 His TELEX 0
 PP Operator SANTA FE GEOTHERMAL
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name	PG&E #1
PP Site	CALIFORNIA
Status	D
OperDate	09/25/60
Nation	USA
SubDivision	GEYSERS
Res Owner	PG&E 95%
Res Devel	MAGMA/THERMAL
A and E	N/A
PP Owner	PG&E
Turb Source	GENERAL ELECTRIC
PwrPurchaser	PG&E
PPContractor	PG&E
PPOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His Fax	0
His TELEX	0
Gross Mw	12
Net Mw	11
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	29 Years
Inlet Pres	0 psig
InitResTemp	349 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	174 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	349 Degrees F
Av Well Depth	0 Feet
No. ProdWells	3
No. Inj.Wells	1
Fail AbdWells	0
Total Wells	4
R C Sludge	0 Tons per Month
FinancOrganiz	N/A
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1960
PPShutDownYr	1989
GenrtrSource	GENERAL ELECTRIC
ResOwnrCntact	N/A
His Employer	U.S. BLM
His Phone	0
His FAX	0
His TELEX	0
PP Operator	PG&E
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	PG&E #2
PP Site	CALIFORNIA
Status	0
OperDate	03/03/63
Nation	USA
SubDivision	GEYSERS
Res Owner	PG&E 95%
Res Devel	MAGMA/THERMAL POWER
A and E	N/A
PP Owner	PG&E
Turb Source	ELLIOT/CARRIER/ELMAC
PwrPurchaser	PG&E
PPContractor	N/A
PPOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His Fax	0
His TELEX	0
Gross Mw	14
Net Mw	13
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	349 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	4 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	349 Degrees F
Av Well Depth	0 Feet
No. ProdWells	3
No. Inj.Wells	1
Fail AbdWells	0
Total Wells	4
R C Sludge	0 Tons per Month
FinancOrganiz	N/A
PwrSalePrice	???? \$US per KWH
PPCmpltnYear	1963
PPShutDownYr	1992
GenrtrSource	ELLIOT/CARRIER/ELMC
ResOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His FAX	0
His TELEX	0
PP Operator	PG&E
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	PG&E #3
PP Site	CALIFORNIA
Status	0
OperDate	04/28/67
Nation	USA
SubDivision	GEYSERS
Res Owner	PG&E
Res Devel	UNOCAL/MAGMA/THERMAL
A and E	N/A
PP Owner	PG&E
Turb Source	ELLIOT/CARRIER/ELMAC
PwrPurchaser	PG&E
PPContractor	PG&E
PPOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His Fax	0
His TELEX	0
Gross Mw	28
Net Mw	27
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	342 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	4 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	342 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	0
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1967
PPShutDownYr	0
GenrtrSource	ELLIOT/CARRIER/ELMC
ResOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His FAX	0
His TELEX	0
PP Operator	PG&E
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	PG&E #4
PP Site	CALIFORNIA
Status	0
OperDate	11/02/68
Nation	USA
SubDivision	GEYSERS
Res Owner	PG&E 95%
Res Devel	UNOCAL/MAGMA/THERMAL
A and E	N/A
PP Owner	PG&E
Turb Source	ELLIOT/CARRIER/ELMAC
PwrPurchaser	PG&E
PPContractor	PG&E
PPOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His Fax	0
His TELEX	0
Gross Mw	28
Net Mw	27
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	342 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	7 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	342 Degrees F
Av Well Depth	0 Feet
No. ProdWells	3
No. Inj.Wells	1
Fail AbdWells	0
Total Wells	4
R_C Sludge	0 Tons per Month
FinancOrganiz	N/A
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1968
PPShutDownYr	0
GenrtrSource	ELLIOT/CARRIER/ELMC
ResOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His FAX	0
His TELEX	0
PP Operator	PG&E
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	PG&E #5
PP Site	CALIFORNIA
Status	0
OperDate	12/15/71
Nation	USA
SubDivision	GEYSERS
Res Owner	PG&E 90%
Res Devel	UNOCAL/MAGMA/THERMAL
A and E	N/A
PP Owner	PG&E
Turb Source	TOSHIBA
PwrPurchaser	PG&E
PPContractor	PG&E
PPOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His Fax	0
His TELEX	0
Gross Mw	55
Net Mw	53
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	354 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	6 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	354 Degrees F
Av Well Depth	0 Feet
No. ProdWells	8
No. Inj.Wells	1
Fail AbdWells	0
Total Wells	9
R C Sludge	0 Tons per Month
FinancOrganiz	N/A
PwrSalePrice	???? \$US per KWH
PPCmpltnYear	1971
PPShutDownYr	0
GenrtrSource	TOSHIBA
ResOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His FAX	0
His TELEX	0
PP Operator	PG&E
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	PG&E #6
PP Site	CALIFORNIA
Status	0
OperDate	12/15/71
Nation	USA
SubDivision	GEYSERS
Res Owner	PG&E 90%
Res Devel	UNOCAL/MAGMA/THERMAL
A and E	N/A
PP Owner	PG&E
Turb Source	TOSHIBA
PwrPurchaser	PG&E
PPContractor	PG&E
PPOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His Fax	0
His TELEX	0
Gross Mw	55
Net Mw	53
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	354 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	12 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	354 Degrees F
Av Well Depth	0 Feet
No. ProdWells	8
No. Inj.Wells	1
Fail AbdWells	0
Total Wells	9
R C Sludge	0 Tons per Month
FinancOrganiz	N/A
PwrSalePrice	???? \$US per KWH
PPCmpltnYear	1971
PPShutDownYr	0
GenrtrSource	TOSHIBA
ResOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His FAX	0
His TELEX	0
PP Operator	PG&E
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	PG&E #7
PP Site	CALIFORNIA
Status	0
OperDate	08/18/72
Nation	USA
SubDivision	GEYSERS
Res Owner	PG&E 65%
Res Devel	UNOCAL/MAGMA/THERMAL
A and E	N/A
PP Owner	PG&E
Turb Source	TOSHIBA
PwrPurchaser	PG&E
PPContractor	PG&E
PPOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His Fax	0
His TELEX	0
Gross Mw	55
Net Mw	53
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	354 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	6 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	354 Degrees F
Av Well Depth	0 Feet
No. ProdWells	9
No. Inj.Wells	1
Fail AbdWells	0
Total Wells	10
R C Sludge	0 Tons per Month
FinancOrganiz	N/A
PwrSalePrice	???? \$US per KWH
PPCmpltnYear	1972
PPShutDownYr	0
GenrtrSource	TOSHIBA
ResOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His FAX	0
His TELEX	0
PP Operator	PG&E
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	PG&E #8
PP Site	CALIFORNIA
Status	0
OperDate	11/23/72
Nation	USA
SubDivision	GEYSERS
Res Owner	PG&E 65%
Res Devel	UNOCAL/MAGMA/THERMAL
A and E	N/A
PP Owner	PG&E
Turb Source	TOSHIBA
PwrPurchaser	PG&E
PPContractor	PG&E
PPOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His Fax	0
His TELEX	0
Gross Mw	55
Net Mw	53
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	354 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	12 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	354 Degrees F
Av Well Depth	0 Feet
No. ProdWells	9
No. Inj.Wells	1
Fail_AbdWells	0
Total Wells	10
R C Sludge	0 Tons per Month
FinancOrganiz	0
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1972
PPShutDownYr	0
GenrtrSource	TOSHIBA
ResOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His FAX	0
His TELEX	0
PP Operator	PG&E
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	PG&E #9
PP Site	CALIFORNIA
Status	0
OperDate	10/15/73
Nation	USA
SubDivision	GEYSERS
Res Owner	PG&E 95%
Res Devel	UNOCAL/MAGMA/THERMAL
A and E	N/A
PP Owner	PG&E
Turb Source	TOSHIBA
PwrPurchaser	PG&E
PPContractor	PG&E
PPOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His Fax	0
His TELEX	0
Gross Mw	55
Net Mw	53
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	354 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	7 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	354 Degrees F
Av Well Depth	0 Feet
No. ProdWells	9
No. Inj.Wells	1
Fail AbdWells	0
Total Wells	10
R C Sludge	0 Tons per Month
FinancOrganiz	0
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1973
PPShutDownYr	0
GenrtrSource	TOSHIBA
ResOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His FAX	0
His TELEX	0
PP Operator	PG&E
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	PG&E #10
PP Site	CALIFORNIA
Status	0
OperDate	11/30/73
Nation	USA
SubDivision	GEYSERS
Res Owner	PG&E 95%
Res Devel	UNOCAL/MAGMA/THERMAL
A and E	N/A
PP Owner	PG&E
Turb Source	TOSHIBA
PwrPurchaser	PG&E
PPContractor	PG&E
PPOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His Fax	0
His TELEX	0
Gross Mw	55
Net Mw	53
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	354 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	13 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	354 Degrees F
Av Well Depth	0 Feet
No. ProdWells	9
No. Inj.Wells	1
Fail AbdWells	0
Total Wells	10
R C Sludge	0 Tons per Month
FinancOrganiz	0
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1973
PPShutDownYr	0
GenrtrSource	TOSHIBA
ResOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His FAX	0
His TELEX	0
PP Operator	PG&E
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	PG&E #11
PP Site	CALIFORNIA
Status	0
OperDate	05/31/75
Nation	USA
SubDivision	GEYSERS
Res Owner	PG&E 95%
Res Devel	UNOCAL/MAGMA/THERMAL
A and E	N/A
PP Owner	PG&E
Turb Source	TOSHIBA
PwrPurchaser	PG&E
PPContractor	PG&E
PPOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His Fax	0
His TELEX	0
Gross Mw	110
Net Mw	106
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	354 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	20 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	354 Degrees F
Av Well Depth	0 Feet
No. ProdWells	17
No. Inj.Wells	1
Fail AbdWells	0
Total Wells	18
R C Sludge	0 Tons per Month
FinancOrganiz	0
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1973
PPShutDownYr	0
GenrtrSource	TOSHIBA
ResOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His FAX	0
His TELEX	0
PP Operator	PG&E
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	PG&E #12
PP Site	CALIFORNIA
Status	0
OperDate	03/01/79
Nation	USA
SubDivision	GEYSERS
Res Owner	PG&E 85%
Res Devel	UNOCAL/MAGMA/THERMAL
A and E	N/A
PP Owner	PG&E
Turb Source	TOSHIBA
PwrPurchaser	PG&E
PPContractor	PG&E
PPOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His Fax	0
His TELEX	0
Gross Mw	110
Net Mw	106
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	354 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	35 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	354 Degrees F
Av Well Depth	0 Feet
No. ProdWells	17
No. Inj.Wells	1
Fail AbdWells	0
Total Wells	18
R C Sludge	0 Tons per Month
FinancOrganiz	0
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1979
PPShutDownYr	0
GenrtrSource	TOSHIBA
ResOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His FAX	0
His TELEX	0
PP Operator	PG&E
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	PG&E #13
PP Site	CALIFORNIA
Status	0
OperDate	05/15/80
Nation	USA
SubDivision	GEYSERS
Res Owner	PG&E 50%
Res Devel	UNOCAL/MAGMA/THERMAL
A and E	N/A
PP Owner	PG&E
Turb Source	N/A
PwrPurchaser	PG&E
PPContractor	PG&E
PPOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His Fax	0
His TELEX	0
Gross Mw	138
Net Mw	134
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	338 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	56 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	338 Degrees F
Av Well Depth	0 Feet
No. ProdWells	20
No. Inj.Wells	1
Fail AbdWells	0
Total Wells	21
R C Sludge	0 Tons per Month
FinancOrganiz	0
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1980
PPShutDownYr	0
GenrtrSource	N/A
ResOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His FAX	0
His TELEX	0
PP Operator	PG&E
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	PG&E #14
PP Site	CALIFORNIA
Status	0
OperDate	09/12/80
Nation	USA
SubDivision	GEYSERS
Res Owner	PG&E 90%
Res Devel	UNOCAL/MAGMA/THERMAL
A and E	N/A
PP Owner	PG&E
Turb Source	TOSHIBA
PwrPurchaser	PG&E
PPContractor	PG&E
PPOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His Fax	0
His TELEX	0
Gross Mw	0
Net Mw	114
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	354 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	65 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	354 Degrees F
Av Well Depth	0 Feet
No. ProdWells	14
No. Inj.Wells	1
Fail AbdWells	0
Total Wells	15
R C Sludge	0 Tons per Month
FinancOrganiz	0
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1980
PPShutDownYr	0
GenrtrSource	TOSHIBA
ResOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His FAX	0
His TELEX	0
PP Operator	PG&E
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name PG&E #16
 PP Site CALIFORNIA
 Status 0
 OperDate 10/16/85
 Nation USA
 SubDivision GEYSERS
 Res Owner PG&E 20%, FEDERAL 80%
 Res Devel FREPORT McMORAN
 A and E N/A
 PP Owner PG&E
 Turb Source TOSHIBA
 PwrPurchaser PG&E
 PPContractor PG&E
 PPOwnrCntact GLEN HORTON
 His Employer PG&E
 His Phone 707/577-7062
 His Fax 0
 His TELEX 0
 Gross Mw 119
 Net Mw 113
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 336 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 123 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType D STEAM
 Inlet Temp 336 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 14
 No. Inj.Wells 1
 Fail AbdWells 0
 Total Wells 15
 R C Sludge 0 Tons per Month
 FinancOrganiz 0
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1985
 PPShutDownYr 0
 GenrtrSource TOSHIBA
 ResOwnrCntact GLEN HORTON
 His Employer PG&E
 His Phone 707/577-7062
 His FAX 0
 His TELEX 0
 PP Operator PG&E
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name	PG&E #17
PP Site	CALIFORNIA
Status	0
OperDate	12/18/82
Nation	USA
SubDivision	GEYSERS
Res Owner	PG&E 95%
Res Devel	UNOCAL/MAGMA/THERMAL
A and E	N/A
PP Owner	PG&E
Turb Source	TOSHIBA
PwrPurchaser	PG&E
PPContractor	PG&E
PPOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His Fax	0
His TELEX	0
Gross Mw	119
Net Mw	113
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	338 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	93 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	338 Degrees F
Av Well Depth	0 Feet
No. ProdWells	14
No. Inj.Wells	1
Fail AbdWells	0
Total Wells	15
R C Sludge	0 Tons per Month
FinancOrganiz	\$71MM W/O AFDC, \$645/KW
PwrSalePrice	???? \$US per KWH
PPCmpltnYear	1982
PPShutDownYr	0
GenrtrSource	TOSHIBA
ResOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His FAX	0
His TELEX	0
PP Operator	PG&E
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	PG&E #18
PP Site	CALIFORNIA
Status	0
OperDate	02/15/83
Nation	USA
SubDivision	GEYSERS
Res Owner	PG&E 95%
Res Devel	UNOCAL/MAGMA/THERMAL
A and E	N/A
PP Owner	PG&E
Turb Source	TOSHIBA
PwrPurchaser	PG&E
PPContractor	PG&E
PPOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His Fax	0
His TELEX	0
Gross Mw	119
Net Mw	113
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	338 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	83 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	338 Degrees F
Av Well Depth	0 Feet
No. ProdWells	14
No. Inj.Wells	1
Fail AbdWells	0
Total Wells	15
R C Sludge	0 Tons per Month
FinancOrganiz	N/A
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1983
PPShutDownYr	0
GenrtrSource	TOSHIBA
ResOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His FAX	0
His TELEX	0
PP Operator	PG&EW
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	PG&E #20
PP Site	CALIFORNIA
Status	0
OperDate	10/18/85
Nation	USA
SubDivision	GEYSERS
Res Owner	PG&E 50%, FED. 50%
Res Devel	UNOCAL/THERMAL
A and E	N/A
PP Owner	PG&E
Turb Source	TOSHIBA
PwrPurchaser	PG&E
PPContractor	PG&E
PPOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His Fax	0
His TELEX	0
Gross Mw	119
Net Mw	113
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	336 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	103 \$US Millions
TotProjCost	216 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	336 Degrees F
Av Well Depth	0 Feet
No. ProdWells	14
No. Inj.Wells	1
Fail AbdWells	0
Total Wells	15
R_C Sludge	0 Tons per Month
FinancOrganiz	0
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1985
PPShutDownYr	0
GenrtrSource	TOSHIBA
ResOwnrCntact	GLEN HORTON
His Employer	PG&E
His Phone	707/577-7062
His FAX	0
His TELEX	0
PP Operator	PG&E
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	HONEY LAKE
PP Site	CALIFORNIA
Status	0
OperDate	01/01/88
Nation	USA
SubDivision	SUSANVILLE, CA
Res Owner	PRIVATE
Res Devel	GEOPRODUCTS
A and E	N/A
PP Owner	GEOPRODUCTS
Turb Source	N/A
PwrPurchaser	PG&E
PPContractor	N/A
PPOwnrCntact	KEN BOREN
His Employer	GEOPRODUCTS
His Phone	415/935-9627
His Fax	0
His TELEX	0
Gross Mw	0
Net Mw	30
TotWellProd	0 KLbs/hr.
TDS	2000 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	228 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	BINARY
Inlet Temp	228 Degrees F
Av Well Depth	6000 Feet
No. ProdWells	3
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	3
R C Sludge	0 Tons per Month
FinancOrganiz	0
PwrSalePrice	???? \$US per KWH
PPCmpltnYear	1988
PPShutDownYr	0
GenrtrSource	N/A
ResOwnrCntact	KEN BOREN
His Employer	GEOPRODUCTS
His Phone	415/935-9627
His FAX	0
His TELEX	0
PP Operator	GEOPRODUCTS
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name PUNA GEO VENTURE
 PP Site HAWAII
 Status P
 OperDate 09/01/91
 Nation USA
 SubDivision EAST RIFT, HAWAII
 Res Owner STATE OF HAWAII
 Res Devel ORMAT ENRGY SYS INC
 A and E OESI
 PP Owner OESI
 Turb Source OESI
 PwrPurchaser HAWAII ELECTRIC CO
 PPContractor OESI
 PPOwnrCntact HEZI RAM
 His Employer OESI
 His Phone 702/356-9111
 His Fax 0
 His TELEX 0
 Gross Mw 30
 Net Mw 25
 TotWellProd 500000 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 600 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType FLSH/BIN
 Inlet Temp 370 Degrees F
 Av Well Depth 4000 Feet
 No. ProdWells 6
 No. Inj.Wells 3
 Fail AbdWells 0
 Total Wells 9
 R C Sludge 0 Tons per Month
 FinancOrganiz 0
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1991
 PPShutDownYr 0
 GenrtrSource OESI
 ResOwnrCntact HEZY RAM
 His Employer OESI
 His Phone 702/356-9111
 His FAX 0
 His TELEX 0
 PP Operator OESI
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name	BEOAWWE
PP Site	NEVADA
Status	0
OperDate	12/01/85
Nation	USA
SubDivision	BATTLE MT AREA, NV
Res Owner	FEDERAL
Res Devel	CHEVRON GEOTHERMAL
A and E	N/A
PP Owner	CRESCENT VALLEY GEO
Turb Source	MITSUBISHI
PwrPurchaser	SO CAL EDISON
PPContractor	N/A
PPOwnrCntact	N/A
His Employer	CRESCENT VALLEY GEO
His Phone	0
His Fax	0
His TELEX	0
Gross Mw	17
Net Mw	15
TotWellProd	0 KLbs/hr.
TDS	1200 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	419 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	99 %
Yr. of Avail	1989

PPCycleType	D FLASH
Inlet Temp	419 Degrees F
Av Well Depth	9563 Feet
No. ProdWells	2
No. Inj.Wells	1
Fail AbdWells	0
Total Wells	3
R C Sludge	0 Tons per Month
FinancOrganiz	0
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1985
PPShutDownYr	0
GenrtrSource	MITSUBISHI
ResOwnrCntact	N/A
His Employer	U.S. BLM
His Phone	0
His FAX	0
His TELEX	0
PP Operator	CRESCENT VALLEY GEO
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name OXBOW-DIXIE VALLEY
 PP Site NEVADA
 Status 0
 OperDate 02/14/88
 Nation USA
 SubDivision DIXIE VALLEY, NV
 Res Owner FEDERAL
 Res Devel EBASCO/E&L/HOLT CO.
 A and E N/A
 PP Owner EBASCO/E&L/FUJI/HOLT
 Turb Source FUJI
 PwrPurchaser SO. CAL. EDISON
 PPCContractor OXBOW GEOTHERMAL
 PPOwnrCntact DICK BENOIT
 His Employer OXBOW
 His Phone 702/322-1300
 His Fax 0
 His TELEX 0
 Gross Mw 55
 Net Mw 50
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 338 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType D FLASH
 Inlet Temp 338 Degrees F
 Av Well Depth 8000 Feet
 No. ProdWells 6
 No. Inj.Wells 4
 Fail AbdWells 0
 Total Wells 10
 R C Sludge 0 Tons per Month
 FinancOrganiz 0
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1988
 PPShutDownYr 0
 GenrtrSource FUJI
 ResOwnrCntact N/A
 His Employer U.S. BLM
 His Phone 0
 His FAX 0
 His TELEX 0
 PP Operator OXBOW
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name NAVY 1, UNIT 2
 PP Site CALIFORNIA
 Status 0
 OperDate 03/01/88
 Nation USA
 SubDivision COSO/NAVY AREA, CA
 Res Owner U.S. NAVY
 Res Devel CAL ENRGY CO/MISSION
 A and E CECI
 PP Owner CECI/MISSION
 Turb Source FUJI
 PwrPurchaser SO. CAL. EDISON
 PPContractor CECI/MISSION
 PPOwnrCntact CHARLES CONDY
 His Employer CECI
 His Phone 415/391-7700
 His Fax 0
 His TELEX 0
 Gross Mw 0
 Net Mw 25
 TotWellProd 0 KLbs/hr.
 TDS 6000 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 450 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 90 %
 Yr. of Avail 1989

PPCycleType D FLASH
 Inlet Temp 450 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 9
 No. Inj.Wells 3
 Fail AbdWells 0
 Total Wells 12
 R C Sludge 0 Tons per Month
 FinancOrganiz CREDITE SWISSE
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1988
 PPShutDownYr 0
 GenrtrSource FUJI
 ResOwnrCntact N/A
 His Employer U.S. NAVY
 His Phone 0
 His FAX 0
 His TELEX 0
 PP Operator CECI
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst REINJECTION

PP Name NAVY 1, UNIT 3
 PP Site CALIFORNIA
 Status 0
 OperDate 03/01/88
 Nation USA
 SubDivision COSO NAVY AREA, CA
 Res Owner CECI/MISSION
 Res Devel CECI/MISSION
 A and E CECI
 PP Owner CECI/MISSION
 Turb Source FUJI
 PwrPurchaser SO. CAL. EDISON
 PPContractor CECI/MISSION
 PPOwnrCntact CHARLES CONDY
 His Employer CECI
 His Phone 415/391-7700
 His Fax 0
 His TELEX 0
 Gross Mw 0
 Net Mw 25
 TotWellProd 0 KLbs/hr.
 TDS 6000 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 450 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 90 %
 Yr. of Avail 1989

PPCycleType D FLASH
 Inlet Temp 450 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail_AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz CREDITE SWISSE
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1988
 PPShutDownYr 0
 GenrtrSource FUJI
 ResOwnrCntact N/A
 His Employer U.S. NAVY
 His Phone 0
 His FAX 0
 His TELEX 0
 PP Operator CECI/MISSION
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst REINJECTION

PP Name NAVY 2, UNIT 4
 PP Site CALIFORNIA
 Status 0
 OperDate 12/31/89
 Nation USA
 SubDivision COSO NAVY AREA, CA
 Res Owner U.S. NAVY
 Res Devel CECI/MISSION
 A and E CECI
 PP Owner CECI/MISSION
 Turb Source FUJI
 PwrPurchaser SO. CAL. EDISON
 PPContractor CECI/MISSION
 PPOwnrCntact CHARLES CONDY
 His Employer CECI
 His Phone 415/391-7700
 His Fax 0
 His TELEX 0
 Gross Mw 0
 Net Mw 30
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 450 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 1989

PPCycleType D FLASH
 Inlet Temp 450 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail_AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz CREDITE SWISSE
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1989
 PPShutDownYr 0
 GenrtrSource FUJI
 ResOwnrCntact N/A
 His Employer U. S. NAVY
 His Phone 0
 His FAX 0
 His TELEX 0
 PP Operator CECI/MISSION
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst REINJECTION

PP Name NAVY 2, UNIT 5
 PP Site CALIFORNIA
 Status 0
 OperDate 12/31/89
 Nation USA
 SubDivision COSO NAVY AREA, CA
 Res Owner U.S. NAVY
 Res Devel CECI/MISSION
 A and E CECI
 PP Owner CECI/MISSION
 Turb Source FUJI
 PwrPurchaser SO. CAL. EDISON
 PPCcontractor CECI
 PPOwnrCntact CHARLES CONDY
 His Employer CECI
 His Phone 415/391-7700
 His Fax 0
 His TELEX 0
 Gross Mw 0
 Net Mw 25
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 450 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType D FLASH
 Inlet Temp 450 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz N/A
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1989
 PPShutDownYr 0
 GenrtrSource FUJI
 ResOwnrCntact N/A
 His Employer U. S. NAVY
 His Phone 0
 His FAX 0
 His TELEX 0
 PP Operator CECI/MISSION
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst REINJECTION

PP Name	LADWP-COSO
PP Site	CALIFORNIA
Status	P
OperDate	01/01/94
Nation	USA
SubDivision	COSO-WEST
Res Owner	FEDERAL
Res Devel	L.A. DEPT WATER &PWR
A and E	BIDS REQUESTED
PP Owner	LADWP
Turb Source	N/A
PwrPurchaser	LADWP
PPContractor	LADWP
PPOwnrCntact	N/A
His Employer	LADWP
His Phone	0
His Fax	0
His TELEX	0
Gross Mw	0
Net Mw	20
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	450 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D FLASH
Inlet Temp	450 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	0
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1994
PPShutDownYr	0
GenrtrSource	BIDS REQUESTED
ResOwnrCntact	N/A
His Employer	0
His Phone	0
His FAX	0
His TELEX	0
PP Operator	LADWP
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	ORMESA 1E
PP Site	CALIFORNIA
Status	0
OperDate	12/31/88
Nation	USA
SubDivision	EAST MESA
Res Owner	FEDERAL
Res Devel	ORMAT
A and E	ORMAT
PP Owner	ORMAT
Turb Source	ORMAT
PwrPurchaser	SO. CAL. EDISON
PPContractor	ORMAT
PPOwnrCntact	HEZY RAM
His Employer	ORMAT
His Phone	702/356-9111
His Fax	0
His TELEX	0
Gross Mw	10
Net Mw	8
TotWellProd	280 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	320 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	BINARY
Inlet Temp	293 Degrees F
Av Well Depth	0 Feet
No. ProdWells	4
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	4
R C Sludge	0 Tons per Month
FinancOrganiz	0
PwrSalePrice	????? \$US per KWH
PPCmpltYear	1988
PPShutDownYr	0
GenrtrSource	ORMAT
ResOwnrCntact	N/A
His Employer	U.S. BLM
His Phone	0
His FAX	0
His TELEX	0
PP Operator	ORMAT
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	MAMMOTH PACIFIC 3
PP Site	CALIFORNIA
Status	P
OperDate	01/01/94
Nation	USA
SubDivision	LONG VAL CASA DIABLO
Res Owner	MAGMA POWER
Res Devel	PACIFIC ENERGY
A and E	N/A
PP Owner	PACIFIC ENERGY
Turb Source	N/A
PwrPurchaser	SO. CAL. EDISON
PPContractor	N/A
PPOwnrCntact	MIKE WALKER
His Employer	PACIFIC ENERGY
His Phone	619/934-4893
His Fax	0
His TELEX	0
Gross Mw	0
Net Mw	10
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	331 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	BINARY
Inlet Temp	331 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R_C Sludge	0 Tons per Month
FinancOrganiz	0
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1994
PPShutDownYr	0
GenrtrSource	N/A
ResOwnrCntact	ARNOLD JOHNSON
His Employer	MAGMA
His Phone	619/487-9412
His FAX	0
His TELEX	0
PP Operator	PACIFIC ENERGY
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	PLES UNIT 1
PP Site	CALIFORNIA
Status	0
OperDate	01/01/90
Nation	USA
SubDivision	LONG VAL CASA DIABLO
Res Owner	N/A
Res Devel	PACIFIC ENERGY
A and E	N/A
PP Owner	PACIFIC ENERGY
Turb Source	N/A
PwrPurchaser	SO. CAL. EDISON
PPContractor	N/A
PPOwnrCntact	MIKE WALKER
His Employer	PACIFIC ENERGY
His Phone	619/934-4893
His Fax	0
His TELEX	0
Gross Mw	11
Net Mw	10
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	331 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	BINARY
Inlet Temp	331 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	0
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1990
PPShutDownYr	0
GenrtrSource	N/A
ResOwnrCntact	N/A
His Employer	N/A
His Phone	0
His FAX	0
His TELEX	0
PP Operator	PACIFIC ENERGY
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	MAMMOTH-CHANCE B
PP Site	CALIFORNIA
Status	P
OperDate	01/01/92
Nation	USA
SubDivision	LONG VALLEY, CA
Res Owner	FEDERAL
Res Devel	BONNEVILLE PACIFIC
A and E	N/A
PP Owner	BONNEVILLE PACIFIC
Turb Source	N/A
PwrPurchaser	SO. CAL. EDISON
PPContractor	N/A
PPOwnrCntact	N/A
His Employer	BONNEVILLE PACIFIC
His Phone	0
His Fax	0
His TELEX	0
Gross Mw	0
Net Mw	10
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	331 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	BINARY
Inlet Temp	331 Degrees F
Av Well Depth	0 Feet
No. ProdWells	8
No. Inj.Wells	3
Fail AbdWells	0
Total Wells	11
R C Sludge	0 Tons per Month
FinancOrganiz	0
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1992
PPShutDownYr	0
GenrtrSource	N/A
ResOwnrCntact	N/A
His Employer	U.S. BLM
His Phone	0
His FAX	0
His TELEX	0
PP Operator	BONNEVILLE PACIFIC
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name	DEL RANCH
PP Site	CALIFORNIA
Status	0
OperDate	01/01/89
Nation	USA
SubDivision	SALTON SEA, CA
Res Owner	PRIVATE
Res Devel	MAGMA/MISSION
A and E	N/A
PP Owner	MAGMA/MISSION
Turb Source	FUJI
PwrPurchaser	SO. CAL. EDISON
PPContractor	N/A
PPOwnrCntact	ARNOLD JOHNSON
His Employer	MAGMA
His Phone	619/487-9412
His Fax	0
His TELEX	0
Gross Mw	42
Net Mw	40
TotWellProd	4000 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	625 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D FLASH
Inlet Temp	625 Degrees F
Av Well Depth	0 Feet
No. ProdWells	11
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	11
R C Sludge	0 Tons per Month
FinancOrganiz	0
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1989
PPShutDownYr	0
GenrtrSource	FUJI
ResOwnrCntact	N/A
His Employer	N/A
His Phone	0
His FAX	0
His TELEX	0
PP Operator	MAGMA/MISSION
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name ELMORE 1
 PP Site CALIFORNIA
 Status 0
 OperDate 01/01/89
 Nation USA
 SubDivision SALTON SEA
 Res Owner PRIVATE
 Res Devel MAGMA/MISSION
 A and E N/A
 PP Owner MAGMA/MISSION
 Turb Source FUJI
 PwrPurchaser SO. CAL. EDISON
 PPContractor N/A
 PPOwnrCntact ARNOLD JOHNSON
 His Employer MAGMA
 His Phone 619/487-9412
 His Fax 0
 His TELEX 0
 Gross Mw 42
 Net Mw 40
 TotWellProd 4000 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 525 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType D FLASH
 Inlet Temp 525 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 12
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 12
 R C Sludge 0 Tons per Month
 FinancOrganiz 0
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1989
 PPShutDownYr 0
 GenrtrSource FUJI
 ResOwnrCntact N/A
 His Employer N/A
 His Phone 0
 His FAX 0
 His TELEX 0
 PP Operator MAGMA/MISSION
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name	LEATHERS 1
PP Site	CALIFORNIA
Status	0
OperDate	01/01/89
Nation	USA
SubDivision	SALTON SEA
Res Owner	PRIVATE
Res Devel	MAGMA
A and E	N/A
PP Owner	MAGMA
Turb Source	FUJI
PwrPurchaser	SO. CAL. EDISON
PPContractor	N/A
PPOwnrCntact	ARNOLD JOHNSON
His Employer	MAGMA
His Phone	619/487-9412
His Fax	0
His TELEX	0
Gross Mw	42
Net Mw	40
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	525 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D FLASH
Inlet Temp	525 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	0
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1989
PPShutDownYr	0
GenrtrSource	FUJI
ResOwnrCntact	N/A
His Employer	N/A
His Phone	0
His FAX	0
His TELEX	0
PP Operator	MAGMA
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name SALTON SEA UNIT 3
 PP Site CALIFORNIA
 Status 0
 OperDate 02/14/89
 Nation USA
 SubDivision SALTON SEA
 Res Owner DESERT POWER/UNOCAL
 Res Devel DESERT POWER
 A and E STONE & WEBSTER
 PP Owner DESERT POWER
 Turb Source MITSUBISHI
 PwrPurchaser SO. CAL. EDISON
 PPCContractor N/A
 PPOwnrCntact JACK ADRIAN
 His Employer DESERT POWER
 His Phone 818/302-6292
 His Fax 0
 His TELEX 0
 Gross Mw 0
 Net Mw 50
 TotWellProd 879000 KLbs/hr.
 TDS 200000 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 525 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 110 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType D FLASH
 Inlet Temp 525 Degrees F
 Av Well Depth 7400 Feet
 No. ProdWells 2
 No. Inj.Wells 3
 Fail AbdWells 0
 Total Wells 5
 R C Sludge 0 Tons per Month
 FinancOrganiz 0
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1989
 PPShutDownYr 0
 GenrtrSource MITSUBISHI
 ResOwnrCntact JACK ADRIAN
 His Employer DESERT POWER
 His Phone 818/302-6292
 His FAX 0
 His TELEX 0
 PP Operator DESERT POWER
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ???? Weight %
 Initial H2S ???? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ???? Weight %
 CurrentH2S ???? Weight %
 NCGTrtmtSyst N/A

PP Name	WENDEL-AMEDEE UNIT
PP Site	CALIFORNIA
Status	0
OperDate	01/01/88
Nation	USA
SubDivision	WENDEL-AMEDEE, NE CAL
Res Owner	FEDERAL
Res Devel	TRANSPACIFIC GEOTH.
A and E	BARBER NICHOLS ENG.
PP Owner	TPG/US ENERGY
Turb Source	BARBER NICHOLS
PwrPurchaser	LASSEN MINING UTLITY
PPContractor	N/A
PPOwnrCntact	AVIV GOLDSMITH
His Employer	U.S. ENERGY
His Phone	702/323-2866
His Fax	0
His TELEX	0
Gross Mw	3
Net Mw	2
TotWellProd	850 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	228 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	9 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	BINARY
Inlet Temp	219 Degrees F
Av Well Depth	850 Feet
No. ProdWells	2
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	2
R C Sludge	0 Tons per Month
FinancOrganiz	0
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1988
PPShutDownYr	0
GenrtrSource	BARBER NICHOLS
ResOwnrCntact	N/A
His Employer	U.S. BLM
His Phone	0
His FAX	0
His TELEX	0
PP Operator	U.S. ENERGY
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name PUNA UNIT
 PP Site HAWAII
 Status P
 OperDate 01/01/92
 Nation USA
 SubDivision EAST RIFT, HAWAII HI
 Res Owner PRIVATE/STATE
 Res Devel TRUE/MID-PACIFIC GEO
 A and E N/A
 PP Owner TRUE/MIDPACIFIC
 Turb Source N/A
 PwrPurchaser HELCO
 PPContractor N/A
 PPOwnrCntact HANK TRUE
 His Employer TRUE DRILLING CO
 His Phone 307/237-9301
 His Fax 0
 His TELEX 0
 Gross Mw 0
 Net Mw 50
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 600 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType D FLASH?
 Inlet Temp 600 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz 0
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1992
 PPShutDownYr 0
 GenrtrSource N/A
 ResOwnrCntact HANK TRUE
 His Employer TRUE DRILLING CO
 His Phone 307/237-9301
 His FAX 0
 His TELEX 0
 PP Operator TRUE/MIDPACIFIC
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ??? Weight %
 Initial H2S ??? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ??? Weight %
 CurrentH2S ??? Weight %
 NCGTrtmtSyst N/A

PP Name STILLWATER GEO. PROJ
 PP Site NEVADA
 Status 0
 OperDate 12/01/89
 Nation USA
 SubDivision FALLON, NV AREA
 Res Owner FEDERAL
 Res Devel ORMAT ENERGY SYS INC
 A and E ORMAT
 PP Owner OESI
 Turb Source OESI
 PwrPurchaser SIERRA PACIFIC PWR
 PPCContractor OESI
 PPOwnrCntact HEZY RAM
 His Employer OESI
 His Phone 702/356-9111
 His Fax 0
 His TELEX 0
 Gross Mw 21
 Net Mw 13
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 338 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 36 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType BINARY
 Inlet Temp 338 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz BNKRS TRST/NOVA SCOTIA B
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1989
 PPShutDownYr 0
 GenrtrSource OESI
 ResOwnrCntact N/A
 His Employer U.S. BLM
 His Phone 0
 His FAX 0
 His TELEX 0
 PP Operator OESI
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name COVE FT TOPPING TRBN
 PP Site UTAH
 Status 0
 OperDate 01/01/88
 Nation USA
 SubDivision BEAVER/FILMORE AREA
 Res Owner FEDERAL/PRIVATE
 Res Devel MOTHER EARTH INDUST.
 A and E BARBER NICHOLS
 PP Owner MOTHER EARTH IND.
 Turb Source BARBER NICHOLS
 PwrPurchaser PROVO POWER
 PPContractor BARBER NICHOLS
 PPOwnrCntact KEN NICHOLS
 His Employer BARBER NICHOLS
 His Phone 303/421-8111
 His Fax 0
 His TELEX 0
 Gross Mw 1
 Net Mw 1
 TotWellProd 100000 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 30 Years
 Inlet Pres 38 psig
 InitResTemp 332 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 1 Sq.Km
 Tot PP Cost 1 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 90 %
 Yr. of Avail 1989

PPCycleType D STEAM
 Inlet Temp 332 Degrees F
 Av Well Depth 1100 Feet
 No. ProdWells 2
 No. Inj.Wells 1
 Fail AbdWells 0
 Total Wells 3
 R C Sludge 0 Tons per Month
 FinancOrganiz MOTHER EARTH INDUSTRIES
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1988
 PPShutDownYr 0
 GenrtrSource BARBER NICHOLS
 ResOwnrCntact W.A. PORTANOVA
 His Employer MOTHER EARTH IND.
 His Phone 602/998-3991
 His FAX 0
 His TELEX 0
 PP Operator PROVO POWER
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst STACK EMISSION

PP Name COVE STEAM #2
 PP Site UTAH
 Status 0
 OperDate 11/01/89
 Nation USA
 SubDivision BEAVER/FILMORE AREA
 Res Owner MOTHER EARTH INDUST.
 Res Devel MOTHER EARTH IND.
 A and E THE BEN HOLT CO.
 PP Owner PROVO POWER
 Turb Source GEOTHERMAL POWER CO
 PwrPurchaser PROVO POWER
 PPContractor THE BEN HOLT CO
 PPOwnrCntact GARY SHULMAN
 His Employer GEOTHERMAL POWER CO
 His Phone 607/733-1027
 His Fax 0
 His TELEX 0
 Gross Mw 9
 Net Mw 8
 TotWellProd 24000 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 30 Years
 Inlet Pres 32 psig
 InitResTemp 332 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 1 Sq.Km
 Tot PP Cost 10 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType D STEAM
 Inlet Temp 332 Degrees F
 Av Well Depth 800 Feet
 No. ProdWells 6
 No. Inj.Wells 1
 Fail AbdWells 0
 Total Wells 7
 R C Sludge 0 Tons per Month
 FinancOrganiz 0
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1989
 PPShutDownYr 0
 GenrtrSource GEOTHERMAL POWER CO
 ResOwnrCntact W.A. PORTANOVA
 His Employer MOTHER EARTH IND.
 His Phone 602/998-3991
 His FAX 0
 His TELEX 0
 PP Operator PROVO POWER
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst LO-CAT SYSTEM

PP Name AIDLIN PROJECT
 PP Site CALIFORNIA
 Status 0
 OperDate 12/01/89
 Nation USA
 SubDivision NORTHERN GEYSERS
 Res Owner JOE AIDLIN & FAMILY
 Res Devel GEO
 A and E MISSION POWER ENG.
 PP Owner MISSION POWER ENG
 Turb Source FUJI
 PwrPurchaser PG&E
 PPContractor GEO/MISSION
 PPOwnrCntact JACK ADRIAN
 His Employer MISSION POWER
 His Phone 818/302-6292
 His Fax 0
 His TELEX 0
 Gross Mw 0
 Net Mw 20
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 352 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 2 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 69 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType D STEAM
 Inlet Temp 352 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 5
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 5
 R C Sludge 0 Tons per Month
 FinancOrganiz SWISS BANK CORP.
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1989
 PPShutDownYr 0
 GenrtrSource FUJI
 ResOwnrCntact JOE AIDLEN
 His Employer SELF
 His Phone 213/666-1910
 His FAX 0
 His TELEX 0
 PP Operator MISSION
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name BEAR CANYON
 PP Site CALIFORNIA
 Status 0
 OperDate 12/01/89
 Nation USA
 SubDivision EASTERN GEYSERS
 Res Owner PRIVATE
 Res Devel FREEPORT MCMORAN
 A and E STONE & WEBSTER
 PP Owner FREEPORT MCMORAN
 Turb Source MITSUBISHI
 PwrPurchaser PG&E
 PPCContractor N/A
 PPOwnrCntact JAKE RUIDISILL
 His Employer GEYSERS GEOTHERMAL
 His Phone 707/578-2702
 His Fax 0
 His TELEX 0
 Gross Mw 22
 Net Mw 20
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 352 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType D STEAM
 Inlet Temp 352 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 5
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 5
 R_C Sludge 0 Tons per Month
 FinancOrganiz 0
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1989
 PPShutDownYr 0
 GenrtrSource MITSUBISHI
 ResOwnrCntact N/A
 His Employer U.S. BLM/U.S.F.S.
 His Phone 0
 His FAX 0
 His TELEX 0
 PP Operator GEYSERS GEOTHERMAL
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name	WEST FORD FLAT
PP Site	CALIFORNIA
Status	0
OperDate	12/31/88
Nation	USA
SubDivision	EAST-CENTRAL GEYSERS
Res Owner	FEDERAL/PRIVATE
Res Devel	GEYSERS GEOTHERMAL
A and E	SAI
PP Owner	GEYSERS GEOTHERMAL
Turb Source	MITSUBISHI
PwrPurchaser	PG&E
PPContractor	N/A
PPOwnrCntact	JAKE RUDISILL
His Employer	GEYSERS GEOTHERMAL
His Phone	707/578-2702
His Fax	0
His TELEX	0
Gross Mw	34
Net Mw	27
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	352 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D STEAM
Inlet Temp	352 Degrees F
Av Well Depth	0 Feet
No. ProdWells	6
No. Inj.Wells	1
Fail AbdWells	0
Total Wells	7
R C Sludge	0 Tons per Month
FinancOrganiz	0
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1988
PPShutDownYr	0
GenrtrSource	MITSUBISHI
ResOwnrCntact	N/A
His Employer	U.S. BLM/U.S.F.S.
His Phone	0
His FAX	0
His TELEX	0
PP Operator	GEYSERS GEOTHERMAL
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	N/A

PP Name NAVY 2, UNIT 6
 PP Site CALIFORNIA
 Status 0
 OperDate 12/31/89
 Nation USA
 SubDivision COSO, CA
 Res Owner U. S. NAVY
 Res Devel CAL ENRGY CO/MISSION
 A and E N/A
 PP Owner CECI/MISSION
 Turb Source FUJI
 PwrPurchaser SO. CAL. EDISON
 PPContractor N/A
 PPOwnrCntact CHARLES CONDY
 His Employer CECI
 His Phone 415/391-7700
 His Fax 0
 His TELEX 0
 Gross Mw 0
 Net Mw 25
 TotWellProd 0 KLbs/hr.
 TDS 6000 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 450 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType D FLASH
 Inlet Temp 450 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz CREDITE SWISSE
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1989
 PPShutDownYr 0
 GenrtrSource FUJI
 ResOwnrCntact N/A
 His Employer U.S. NAVY
 His Phone 0
 His FAX 0
 His TELEX 0
 PP Operator CECI/MISSION
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ???? Weight %
 Initial H2S ???? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ???? Weight %
 CurrentH2S ???? Weight %
 NCGTrtmtSyst REINJECTION

PP Name	BLM EAST UNIT 1
PP Site	CALIFORNIA
Status	0
OperDate	12/01/88
Nation	USA
SubDivision	COSO, CA
Res Owner	U.S. BLM
Res Devel	CECI
A and E	MISSION
PP Owner	CECI
Turb Source	FUJI
PwrPurchaser	SO. CAL. EDISON
PPContractor	N/A
PPOwnrCntact	CHARLES CONDY
His Employer	CECI
His Phone	415/391-7700
His Fax	0
His TELEX	0
Gross Mw	25
Net Mw	24
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	450 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D FLASH
Inlet Temp	450 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	0
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1988
PPShutDownYr	0
GenrtrSource	FUJI
ResOwnrCntact	N/A
His Employer	U.S. BLM
His Phone	0
His FAX	0
His TELEX	0
PP Operator	CECI
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	REINJECTION

PP Name	BLM EAST, UNIT 2
PP Site	CALIFORNIA
Status	0
OperDate	12/01/88
Nation	USA
SubDivision	COSO, CA
Res Owner	U.S.BLM
Res Devel	CECI
A and E	MISSION
PP Owner	CECI
Turb Source	FUJI
PwrPurchaser	SO. CAL. EDISON
PPContractor	N/A
PPOwnrCntact	CHARLES CONDY
His Employer	CECI
His Phone	415/391-7700
His Fax	0
His TELEX	0
Gross Mw	25
Net Mw	24
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	450 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D FLASH
Inlet Temp	450 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	0
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1988
PPShutDownYr	0
GenrtrSource	FUJI
ResOwnrCntact	N/A
His Employer	U.S. BLM
His Phone	0
His FAX	0
His TELEX	0
PP Operator	CECI
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	REINJECTION

PP Name	BLM WEST
PP Site	CALIFORNIA
Status	0
OperDate	12/31/89
Nation	USA
SubDivision	COSO, CA
Res Owner	U.S. BLM
Res Devel	CECI
A and E	MISSION
PP Owner	CECI
Turb Source	FUJI
PwrPurchaser	SO. CAL. EDISON
PPContractor	N/A
PPOwnrCntact	CHARLES CONDY
His Employer	CECI
His Phone	415/391-7700
His Fax	0
His TELEX	0
Gross Mw	0
Net Mw	28
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	450 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	D FLASH
Inlet Temp	450 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	0
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1989
PPShutDownYr	0
GenrtrSource	FUJI
ResOwnrCntact	N/A
His Employer	U.S. BLM
His Phone	0
His FAX	0
His TELEX	0
PP Operator	CECI
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	REINJECTION

PP Name	ORMESA 1H
PP Site	CALIFORNIA
Status	0
OperDate	12/31/89
Nation	USA
SubDivision	EAST MESA, CA
Res Owner	FEDERAL
Res Devel	ORMAT
A and E	ORMAT
PP Owner	ORMAT
Turb Source	ORMAT
PwrPurchaser	SO.CAL. EDISON
PPContractor	HARBERT INTERNAT.
PPOwnrCntact	HEZY RAM
His Employer	ORMAT
His Phone	702/356-9111
His Fax	0
His TELEX	0
Gross Mw	0
Net Mw	6
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	330 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	94 %
Yr. of Avail	1990

PPCycleType	BINARY
Inlet Temp	330 Degrees F
Av Well Depth	6000 Feet
No. ProdWells	3
No. Inj.Wells	4
Fail_AbdWells	0
Total Wells	7
R C Sludge	0 Tons per Month
FinancOrganiz	BNKRS TRST/NOVA SCOTIA B
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1989
PPShutDownYr	0
GenrtrSource	ORMAT
ResOwnrCntact	N/A
His Employer	U.S. BLM
His Phone	0
His FAX	0
His TELEX	0
PP Operator	ORMAT
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	NONE

PP Name SALTON SEA UNIT 2
 PP Site CALIFORNIA
 Status 0
 OperDate 03/01/90
 Nation USA
 SubDivision SALTON SEA, CA
 Res Owner PRIVATE
 Res Devel UNOCAL/EARTH ENERGY
 A and E N/A
 PP Owner EARTH ENERGY
 Turb Source N/A
 PwrPurchaser SO. CAL. EDISON
 PPContractor N/A
 PPOwnrCntact ERICK MACK
 His Employer UNOCAL
 His Phone 213/977-6336
 His Fax 0
 His TELEX 0
 Gross Mw 0
 Net Mw 18
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 600 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType D FLASH
 Inlet Temp 600 Degrees F
 Av Well Depth 5000 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz 0
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1990
 PPShutDownYr 0
 GenrtrSource N/A
 ResOwnrCntact N/A
 His Employer N/A
 His Phone 0
 His FAX 0
 His TELEX 0
 PP Operator EARTH ENERGY
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name TRANSPACIFIC UNIT 1
 PP Site CALIFORNIA
 Status P
 OperDate 07/01/93
 Nation USA
 SubDivision WESTMORLAND, IMP.VAL
 Res Owner MAGMA
 Res Devel TRANSPACIFIC GEO CO
 A and E N/A
 PP Owner TRANSPACIFIC GEO CO
 Turb Source N/A
 PwrPurchaser PUGET SOUND PWR & LT
 PPContractor N/A
 PPOwnrCntact TSVI MEIDEV
 His Employer TRANSPACIFIC GEO CO
 His Phone 415/763-7812
 His Fax 0
 His TELEX 0
 Gross Mw 0
 Net Mw 10
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 0 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType BINARY
 Inlet Temp 0 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz 0
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1993
 PPShutDownYr 0
 GenrtrSource N/A
 ResOwnrCntact ARNOLD JOHNSON
 His Employer MAGMA
 His Phone 619/487-9412
 His FAX 0
 His TELEX 0
 PP Operator TRANSPACIFIC GEO CO
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

PP Name	SODA LAKE II
PP Site	NEVADA
Status	P
OperDate	06/30/91
Nation	USA
SubDivision	FALLON AREA,NV
Res Owner	FEDERAL
Res Devel	ORMAT
A and E	ORMAT
PP Owner	ORMAT
Turb Source	ORMAT
PwrPurchaser	SIERRA PACIFIC PWR
PPContractor	ORMAT
PPOwnrCntact	HEZY RAM
His Employer	ORMAT
His Phone	702/356-9111
His Fax	0
His TELEX	0
Gross Mw	13
Net Mw	13
TotWellProd	0 KLbs/hr.
TDS	0 PPM
PP Lifetime	30 Years
Inlet Pres	0 psig
InitResTemp	338 Degrees F
TotExplCost	0 \$US Millions
Av Well Cost	0 \$US Millions
Subsurf Area	0 Sq.Km
Tot PP Cost	0 \$US Millions
TotProjCost	0 \$US Millions
Availability	0 %
Yr. of Avail	0

PPCycleType	BINARY
Inlet Temp	338 Degrees F
Av Well Depth	0 Feet
No. ProdWells	0
No. Inj.Wells	0
Fail AbdWells	0
Total Wells	0
R C Sludge	0 Tons per Month
FinancOrganiz	ORMAT/CONSTELLATION
PwrSalePrice	????? \$US per KWH
PPCmpltnYear	1991
PPShutDownYr	0
GenrtrSource	ORMAT
ResOwnrCntact	N/A
His Employer	U.S. BLM
His Phone	0
His FAX	0
His TELEX	0
PP Operator	ORMAT
GathSystCost	0 \$US Millions
Av Well Life	??? Years
H2S Sludge	0 Tons per Month
Power Sales	0 KWH per Yea
PowerSalesYr	????
InitialTotNCG	0 Weight %
Initial CO2	???? Weight %
Initial H2S	???? Weight %
CurrentTotNCG	0 Weight %
CurrentCO2	???? Weight %
CurrentH2S	???? Weight %
NCGTrtmtSyst	NONE

PP Name BRAWLEY UNIT 1
 PP Site CALIFORNIA
 Status D
 OperDate 07/29/80
 Nation USA
 SubDivision BRAWLEY, IMP.VAL.,CA
 Res Owner PRIVATE
 Res Devel UNOCAL
 A and E SO. CAL. EDISON
 PP Owner SO. CAL. EDISON
 Turb Source MITSUBISHI
 PwrPurchaser SO. CAL. EDISON
 PPContractor N/A
 PPOwnrCntact NONE, (DISCONTINUED)
 His Employer N/A
 His Phone 0
 His Fax 0
 His TELEX 0
 Gross Mw 10
 Net Mw 9
 TotWellProd 209000 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 5 Years
 Inlet Pres 115 psig
 InitResTemp 338 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 16 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType S FLASH
 Inlet Temp 338 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 3
 No. Inj.Wells 4
 Fail_AbdWells 0
 Total Wells 7
 R C Sludge 0 Tons per Month
 FinancOrganiz 0
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1980
 PPShutDownYr 1985
 GenrtrSource MITSUBISHI
 ResOwnrCntact N/A
 His Employer N/A
 His Phone 0
 His FAX 0
 His TELEX 0
 PP Operator SO. CAL EDISON
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ???? Weight %
 Initial H2S ???? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ???? Weight %
 CurrentH2S ???? Weight %
 NCGTrtmtSyst N/A

PP Name MAMMOTH PACIFIC 2
 PP Site CALIFORNIA
 Status 0
 OperDate 12/31/90
 Nation USA
 SubDivision L.VALLEY,CASA DIABLO
 Res Owner MAGMA
 Res Devel PACIFIC ENERGY
 A and E THE BEN HOLT CO.
 PP Owner PACIFIC ENERGY
 Turb Source N/A
 PwrPurchaser SO. CAL EDISON
 PPContractor N/A
 PPOwnrCntact MIKE WLKER
 His Employer PACIFIC ENERGY
 His Phone 619/934-4893
 His Fax 0
 His TELEX 0
 Gross Mw 12
 Net Mw 10
 TotWellProd 0 KLbs/hr.
 TDS 0 PPM
 PP Lifetime 30 Years
 Inlet Pres 0 psig
 InitResTemp 330 Degrees F
 TotExplCost 0 \$US Millions
 Av Well Cost 0 \$US Millions
 Subsurf Area 0 Sq.Km
 Tot PP Cost 0 \$US Millions
 TotProjCost 0 \$US Millions
 Availability 0 %
 Yr. of Avail 0

PPCycleType BINARY
 Inlet Temp 330 Degrees F
 Av Well Depth 0 Feet
 No. ProdWells 0
 No. Inj.Wells 0
 Fail AbdWells 0
 Total Wells 0
 R C Sludge 0 Tons per Month
 FinancOrganiz 0
 PwrSalePrice ????? \$US per KWH
 PPCmpltnYear 1990
 PPShutDownYr 0
 GenrtrSource 0
 ResOwnrCntact ARNOLD JOHNSON
 His Employer MAGMA
 His Phone 619/487-9412
 His FAX 0
 His TELEX 0
 PP Operator PACIFIC ENERGY
 GathSystCost 0 \$US Millions
 Av Well Life ??? Years
 H2S Sludge 0 Tons per Month
 Power Sales 0 KWH per Yea
 PowerSalesYr ?????
 InitialTotNCG 0 Weight %
 Initial CO2 ????? Weight %
 Initial H2S ????? Weight %
 CurrentTotNCG 0 Weight %
 CurrentCO2 ????? Weight %
 CurrentH2S ????? Weight %
 NCGTrtmtSyst N/A

**GEOTHERMALLY ACTIVE
ENTITY DATABASE**

GEOTHERMALLY ACTIVE ENTITY LIST

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NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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DATE February 22, 1991

NATION ALGERIA

FIELD OF EXPERTISE
 NAME OF ENTITY
 DEPARTMENT NAME
 FLOOR
 SUITE OR BLDG. NO.
 STREET ADDRESS
 COUNTY
 CITY
 POSTAL CODE
 PERSON TO CONTACT
 HIS/HER TITLE
 PHONE NUMBER
 FAX NUMBER
 TELEX NUMBER

RENEWABLE ENERGY
 CENTRE de DEV ENERGIES RENOUV
 HAUT COMMISSARIAT a la RECHER
 NONE
 NONE
 B.P. 82
 NONE
 BOUZAREAH
 CP 16.340
 AMOR FEKRAOUI
 NONE
 NONE
 NONE
 NONE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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DATE February 22, 1991

NATION ARGENTINA

FIELD OF EXPERTISE
NAME OF ENTITY
DEPARTMENT NAME
FLOOR
SUITE OR BLDG. NO.
STREET ADDRESS
COUNTY
CITY
POSTAL CODE
PERSON TO CONTACT
HIS/HER TITLE
PHONE NUMBER
FAX NUMBER
TELEX NUMBER

SCIENTIFIC STUDIES
UNIVERSITY NAC DE SALTA
CONSYO DE INVESTIGACION
NONE
NONE
SALTA CAPITAL 4400
NONE
SALTA
NONE
SONIA AREDES
NONE
NONE
548-725-0993
65121 UNSAT AR

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

PAGE 3

DATE February 22, 1991

NATION BOLIVIA

FIELD OF EXPERTISE	MANAGEMENT
NAME OF ENTITY	EMPRESSA NACIONAL DE ELECTICI
DEPARTMENT NAME	GEOTHERMAL
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	CASILLA 565
COUNTY	NONE
CITY	COCHABAMBA
POSTAL CODE	NONE
PERSON TO CONTACT	GONSALO RICO CALDRON
HIS/HER TITLE	GENERAL MANAGER GEOTHERML
PHONE NUMBER	04214-6721
FAX NUMBER	NONE
TELEX NUMBER	355 6251 EDE BV

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

PAGE 4

DATE February 22, 1991

NATION CHILE

FIELD OF EXPERTISE	RESOURCE PRODUCTION
NAME OF ENTITY	CORP de FOMENTO de la PRODUCT
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	MONIDA 921
COUNTY	NONE
CITY	SANTIAGO
POSTAL CODE	NONE
PERSON TO CONTACT	CLAUDIO CADIZ
HIS/HER TITLE	NONE
PHONE NUMBER	562-231654
FAX NUMBER	562-2235019
TELEX NUMBER	394-240 421 CORFO CL

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

PAGE 5

DATE February 22, 1991

NATION COLOMBIA

FIELD OF EXPERTISE
NAME OF ENTITY
DEPARTMENT NAME
FLOOR
SUITE OR BLDG. NO.
STREET ADDRESS
COUNTY
CITY
POSTAL CODE
PERSON TO CONTACT
HIS/HER TITLE
PHONE NUMBER
FAX NUMBER
TELEX NUMBER

FEDERAL POWER AGENCY
INST COLUMBIANO de ENERG ELEC
NONE
PISO3
NONE
CARRIA 13, #27-00
NONE
BOGOTA
NONE
FRANCISCO DUQUE
NONE
281-6200
286-2934
43319

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

PAGE 6

DATE February 22, 1991

NATION COSTA RICA

FIELD OF EXPERTISE
 NAME OF ENTITY
 DEPARTMENT NAME
 FLOOR
 SUITE OR BLDG. NO.
 STREET ADDRESS
 COUNTY
 CITY
 POSTAL CODE
 PERSON TO CONTACT
 HIS/HER TITLE
 PHONE NUMBER
 FAX NUMBER
 TELEX NUMBER

MANAGEMENT
 INST. COSTARRICENSE DE ELECTR
 NONE
 NONE
 NONE
 APARTADO 10032-1000
 NONE
 SAN JOSE
 NONE
 TEOFILLO de la TORRE
 DEPUTY DIRECTOR
 303-207720
 506-32-2824
 303-2600 ICEGER CR

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

PAGE 7

DATE February 22, 1991

NATION COSTA RICA

FIELD OF EXPERTISE	GEOTHERMAL OPERATIONS
NAME OF ENTITY	INST. COSTARRICENSE DE ELECTR
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	P.O. BOX 471
COUNTY	NONE
CITY	SAN JOSE
POSTAL CODE	NONE
PERSON TO CONTACT	ALFREDO MAINIERI
HIS/HER TITLE	MANAGER, GEOTH OPERATIONS
PHONE NUMBER	506-20-7533
FAX NUMBER	506-303-2140
TELEX NUMBER	NONE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

PAGE 8

DATE February 22, 1991

NATION CZECHOSLOVAKIA

FIELD OF EXPERTISE	GEOLOGIC STUDIES
NAME OF ENTITY	GEOLOGICKY USTAV. DIONYZA SUI
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	MLYNSKA DOLINA 1
COUNTY	NONE
CITY	BRATISLAVA
POSTAL CODE	81704
PERSON TO CONTACT	ONDREJ FRANKO
HIS/HER TITLE	NONE
PHONE NUMBER	NONE
FAX NUMBER	NONE
TELEX NUMBER	92 446 GUDSC

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

PAGE 9

DATE February 22, 1991

NATION DJIBOUTI

FIELD OF EXPERTISE	PUBLIC UTILITY
NAME OF ENTITY	ELECTRIC DE DJIBOUTI
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	BOULEVARD de la REPUBLIQUE
COUNTY	NONE
CITY	DJIBOUTI
POSTAL CODE	NONE
PERSON TO CONTACT	DJAMA A. GUELLEH
HIS/HER TITLE	ING. DIPLOME, DIRECTOR
PHONE NUMBER	35 28 51-352852
FAX NUMBER	NONE
TELEX NUMBER	5842 DJIBELEC

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

PAGE 10

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NATION ECUADOR

FIELD OF EXPERTISE	FEDERAL POWER AGENCY
NAME OF ENTITY	INST. ECUATORIANO ELECTRIC
DEPARTMENT NAME	GEOTHERMAL
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	AVENIDA 10 de AGOSTO Y ROCA
COUNTY	NONE
CITY	QUITO
POSTAL CODE	P.O. BOX 565 A
PERSON TO CONTACT	EDUARDO ALMEIDA
HIS/HER TITLE	HEAD OF GEOTHERMAL PROJTS
PHONE NUMBER	593-246-4643
FAX NUMBER	593-256-9997
TELEX NUMBER	393 2437 DEIC

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION EL SALVADOR

FIELD OF EXPERTISE	GEOTHERMAL CONSULTATION
NAME OF ENTITY	NONE
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	P.O. BOX 01478
COUNTY	NONE
CITY	SAN SALVADOR
POSTAL CODE	NONE
PERSON TO CONTACT	GUSTAVO CUELLAR
HIS/HER TITLE	PRIVATE CONSULTANT
PHONE NUMBER	503-23-5183
FAX NUMBER	503-23-1654
TELEX NUMBER	NONE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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DATE February 22, 1991

NATION EL SALVADOR

FIELD OF EXPERTISE	GEOTHERMAL EXPLORATION
NAME OF ENTITY	CENTRO INVESTIG. GEOTERMICAS
DEPARTMENT NAME	EXPLORATION DEPT.
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	NONE
COUNTY	NONE
CITY	NUEVA SAN SALVADOR
POSTAL CODE	NONE
PERSON TO CONTACT	ALEJANDOR CAMPOS ROMERO
HIS/HER TITLE	HEAD-GEOTH EXPLOR. DEPT
PHONE NUMBER	NONE
FAX NUMBER	503-28-1911
TELEX NUMBER	20303 CEL-SAL

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

PAGE 13

DATE February 22, 1991

NATION ETHIOPIA

FIELD OF EXPERTISE	GEOTHERMAL EXPLORATION
NAME OF ENTITY	ETHIOPIAN INST.OF GEOL.SURVEY
DEPARTMENT NAME	GEOTHERMAL EXPLORATION DEPT.
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	P.O. BOX 2616
COUNTY	NONE
CITY	ADDIS ABABA
POSTAL CODE	NONE
PERSON TO CONTACT	TESHOME ABERA
HIS/HER TITLE	NONE
PHONE NUMBER	NONE
FAX NUMBER	NONE
TELEX NUMBER	21448 MME ET

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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DATE February 22, 1991

NATION ETHIOPIA

FIELD OF EXPERTISE
 NAME OF ENTITY
 DEPARTMENT NAME
 FLOOR
 SUITE OR BLDG. NO.
 STREET ADDRESS
 COUNTY
 CITY
 POSTAL CODE
 PERSON TO CONTACT
 HIS/HER TITLE
 PHONE NUMBER
 FAX NUMBER
 TELEX NUMBER

GEOTHERMAL EXPLORATION
 ETHIOPIAN INST.OF GEOL.SURVEY
 GEOTHERMAL EXPLORATION DEPT.
 NONE
 NONE
 P.O. BOX 2616
 NONE
 ADDIS ABABA
 NONE
 TEKLU HUADGU
 DR.
 NONE
 NONE
 21448 MME ET

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

PAGE 15

DATE February 22, 1991

NATION GREECE

FIELD OF EXPERTISE	GEOTHERMAL EXPLORATION
NAME OF ENTITY	INST. OF GEOL AND MIN EXPLOR.
DEPARTMENT NAME	IGME,DEPY
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	70, MESSOGHION STREET
COUNTY	NONE
CITY	ATHENS
POSTAL CODE	106 80
PERSON TO CONTACT	K. KOUKOUZAS
HIS/HER TITLE	MANAGER
PHONE NUMBER	NONE LISTED
FAX NUMBER	NONELISTED
TELEX NUMBER	NONE LISTED

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION GREECE

FIELD OF EXPERTISE	POWER PLANT CONSTRUCTION
NAME OF ENTITY	PUBLIC POWER CORPORATION
DEPARTMENT NAME	DIR ALTERN ENERGY SOURCES
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	10, NAVARINOU STREET
COUNTY	NONE
CITY	ATHENS
POSTAL CODE	106 80
PERSON TO CONTACT	MRS. R. TASSIOU
HIS/HER TITLE	MANAGER PPC,DEME
PHONE NUMBER	NONE LISTED
FAX NUMBER	NONE LISTED
TELEX NUMBER	NONE LISTED

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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DATE February 22, 1991

NATION GREECE

FIELD OF EXPERTISE	GEOTHERMAL DEVELOPMENT
NAME OF ENTITY	PUBLIC POWER CORPORATION
DEPARTMENT NAME	DIR OF ALTERN ENERGY SOURCES
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	10, NAVARINOU STREET
COUNTY	NONE
CITY	ATHENS
POSTAL CODE	106 80
PERSON TO CONTACT	MRS. R. TASSIOU
HIS/HER TITLE	MANAGER
PHONE NUMBER	NONE LISTED
FAX NUMBER	NONE LISTED
TELEX NUMBER	NONE LISTED

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION GREECE

FIELD OF EXPERTISE
 NAME OF ENTITY
 DEPARTMENT NAME
 FLOOR
 SUITE OR BLDG. NO.
 STREET ADDRESS
 COUNTY
 CITY
 POSTAL CODE
 PERSON TO CONTACT
 HIS/HER TITLE
 PHONE NUMBER
 FAX NUMBER
 TELEX NUMBER

GRANTING OF GT LEASES, CONCES
 MINISTRY OF IND, ENERGY, TECHN
 DIRECTION OF PUBLIC MINES
 NONE
 NONE
 80, MIHALACOPOULOU STREET
 NONE
 ATHENS
 101 92
 NONE LISTED
 NONE LISTED
 NONE LISTED
 NONE LISTED
 NONE LISTED

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION GREECE

FIELD OF EXPERTISE	ENVIRONMENTAL MATTERS
NAME OF ENTITY	MINISTRY OF PUBLIC WORKS
DEPARTMENT NAME	NONE LISTED
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	PATTISON 147
COUNTY	NONE
CITY	ATHENS
POSTAL CODE	GREECE
PERSON TO CONTACT	NONE LISTED
HIS/HER TITLE	NONE LISTED
PHONE NUMBER	NONE LISTED
FAX NUMBER	NONE LISTED
TELEX NUMBER	NONE LISTED

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION GREECE

FIELD OF EXPERTISE	EXPLORATION
NAME OF ENTITY	INST. OF GEOL. & MINERAL EXPL
DEPARTMENT NAME	DIV. OF ENERGY RES. GEOTH. DI
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	70 MESSOGHION ST.
COUNTY	NONE
CITY	ATHENS
POSTAL CODE	NONE
PERSON TO CONTACT	E. CHIOTIS
HIS/HER TITLE	NONE
PHONE NUMBER	775-2211
FAX NUMBER	NONE
TELEX NUMBER	30 77 98 412

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION GUATEMALA

FIELD OF EXPERTISE
NAME OF ENTITY
DEPARTMENT NAME
FLOOR
SUITE OR BLDG. NO.
STREET ADDRESS
COUNTY
CITY
POSTAL CODE
PERSON TO CONTACT
HIS/HER TITLE
PHONE NUMBER
FAX NUMBER
TELEX NUMBER

MANAGEMENT
NATIONAL INSTIT. OF ELECTRICI
GEOTHERMAL DEVELOPMENT UNIT
NONE
NONE
GA AVENIDA 2-73, ED. C.HORJAL
NONE
GUATEMALA CITY
ZONA 4
ANDRES CAICEDO
COORDINATOR GEOTH ENERGY
NONE
502-2-345785
305-5234 GU

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION HUNGARY

FIELD OF EXPERTISE	ENERGY SCIENCE
NAME OF ENTITY	INSTITUTE OF ENERGETICS
DEPARTMENT NAME	GEOTHERMAL
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	Bem RKp 33-34
COUNTY	NONE
CITY	BUDAPEST
POSTAL CODE	H-1027
PERSON TO CONTACT	PETER OTTLIK
HIS/HER TITLE	GEOTHERMAL ADVISOR
PHONE NUMBER	NONE
FAX NUMBER	NONE
TELEX NUMBER	86 1223476H

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION INDONESIA

FIELD OF EXPERTISE
 NAME OF ENTITY
 DEPARTMENT NAME
 FLOOR
 SUITE OR BLDG. NO.
 STREET ADDRESS
 COUNTY
 CITY
 POSTAL CODE
 PERSON TO CONTACT
 HIS/HER TITLE
 PHONE NUMBER
 FAX NUMBER
 TELEX NUMBER

PUBLIC UTILITY
 PERTAMINA
 DINAS GEOTHERMAL
 NONE
 NONE
 J1 KRAMAT RAYA NO. 59
 NONE
 JAKARTA
 NONE
 AMIR FAUZI
 NONE
 021-310-3690
 021-35-9177
 44302 PTM JKTIA

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION INDONESIA

FIELD OF EXPERTISE	FEDERAL POWER AGENCY
NAME OF ENTITY	STATE ELECTRICITY CORP.
DEPARTMENT NAME	TRUNOJOYO BLOCK MI/135
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	KEYBAYORAN BARU
COUNTY	NONE
CITY	JAKARTA
POSTAL CODE	10450
PERSON TO CONTACT	VINCENT RADJA
HIS/HER TITLE	NONE
PHONE NUMBER	NONE
FAX NUMBER	NONE
TELEX NUMBER	NONE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION KENYA

FIELD OF EXPERTISE	GEOTHERMAL EXPLOR. & DEVELOPM
NAME OF ENTITY	KENYA POWER COMPANY LTD
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	P.O. BOX 30099
COUNTY	NONE
CITY	NAIROBI
POSTAL CODE	NONE
PERSON TO CONTACT	E.D.WASUNNA
HIS/HER TITLE	CHIEF PROJ.DEVEL. MANAGER
PHONE NUMBER	254-2-21251
FAX NUMBER	254-2-337351
TELEX NUMBER	22253 ELECTRIC

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION KENYA

FIELD OF EXPERTISE	POWER PLANT CONSTRUCTION
NAME OF ENTITY	KENYA POWER CO LTD
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	P.O.BOX 30099
COUNTY	NONE
CITY	NAIROBI
POSTAL CODE	NONE
PERSON TO CONTACT	E.D.WASUNNA
HIS/HER TITLE	CHIEF PROJ. DEVEL MANAGER
PHONE NUMBER	254-2-21251
FAX NUMBER	254-2-337351
TELEX NUMBER	22253 ELECTRIC

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION KENYA

FIELD OF EXPERTISE	ELECTRICITY PURCHASES & SALES
NAME OF ENTITY	KENYA POWER & LIGHTING CO
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	P.O. BOX 30099
COUNTY	NONE
CITY	NAIROBI
POSTAL CODE	NONE
PERSON TO CONTACT	MR. JOSEPH OUMA
HIS/HER TITLE	COMMERCIAL MANAGER
PHONE NUMBER	254-2-21251
FAX NUMBER	254-2-337351
TELEX NUMBER	22253-ELECTRIC

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION KENYA

FIELD OF EXPERTISE	GRANTING OF LEASES/CONCESSION
NAME OF ENTITY	MINISTRY OF ENERGY
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	P.O. BOX 30582
COUNTY	NONE
CITY	NAIROBI
POSTAL CODE	NONE
PERSON TO CONTACT	HON. K.N.K. BIWOTT, M.P.
HIS/HER TITLE	THE MINISTER FOR ENERGY
PHONE NUMBER	254-2-33551
FAX NUMBER	NONE
TELEX NUMBER	NONE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION KENYA

FIELD OF EXPERTISE	ENVIRONMENTAL MATTERS
NAME OF ENTITY	KENYA POWER CO LTD
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	P.O. BOX 30099
COUNTY	NONE
CITY	NAIROBI
POSTAL CODE	NONE
PERSON TO CONTACT	MR E.D. WASUNNA
HIS/HER TITLE	CHIEF PROJ. DEVEL MANAGER
PHONE NUMBER	254-2-21251
FAX NUMBER	254-2-337351
TELEX NUMBER	22253-ELECTRIC

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION KENYA

FIELD OF EXPERTISE	INTERNATIONAL BANKING
NAME OF ENTITY	INT.BANK FOR RECON & DEVEL.
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	P.O. BOX
COUNTY	30577
CITY	NAIROBI
POSTAL CODE	NONE
PERSON TO CONTACT	NONE
HIS/HER TITLE	NONE
PHONE NUMBER	254-2-338858
FAX NUMBER	NONE
TELEX NUMBER	NONE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION KENYA

FIELD OF EXPERTISE	INTERNATIONAL BANKING
NAME OF ENTITY	COMMONWEALTH DEVELOPMENT CORP
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	P.O. BOX 43233
COUNTY	NONE
CITY	NAIROBI
POSTAL CODE	NONE
PERSON TO CONTACT	MR C.J. STEPHENSON
HIS/HER TITLE	REGIONAL CONTROLLER
PHONE NUMBER	254-2-340183-5
FAX NUMBER	NONE
TELEX NUMBER	NONE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION KENYA

FIELD OF EXPERTISE	CONSULTANTS
NAME OF ENTITY	GENZL (K) LTD
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	P.O. BOX 43183
COUNTY	NONE
CITY	NAIROBI
POSTAL CODE	NONE
PERSON TO CONTACT	NONE
HIS/HER TITLE	NONE
PHONE NUMBER	NONE
FAX NUMBER	NONE
TELEX NUMBER	NONE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION KENYA

FIELD OF EXPERTISE
 NAME OF ENTITY
 DEPARTMENT NAME
 FLOOR
 SUITE OR BLDG. NO.
 STREET ADDRESS
 COUNTY
 CITY
 POSTAL CODE
 PERSON TO CONTACT
 HIS/HER TITLE
 PHONE NUMBER
 FAX NUMBER
 TELEX NUMBER

CONSULTANTS
 MERTZ, MCLELLAN CNSLTNG ENG.
 4M ENTERPRICES LTD
 NONE
 NONE
 P.O. BOX 48340
 NONE
 NAIROBI
 NONE
 MR CHRIS MALAVU
 NONE
 254-2-333795
 NONE
 NONE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION KENYA

FIELD OF EXPERTISE	CONSULTANTS
NAME OF ENTITY	VIRKIR/ORKINT CONSULTING GROU
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	P.O. BOX 45000
COUNTY	NONE
CITY	NAIROBI
POSTAL CODE	NONE
PERSON TO CONTACT	DR GESTUR GISLASSON
HIS/HER TITLE	NONE
PHONE NUMBER	254-2-567053
FAX NUMBER	NONE
TELEX NUMBER	NONE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION KENYA

FIELD OF EXPERTISE	CONSULTANTS
NAME OF ENTITY	GEOCONSULT LTD
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	P.O. BOX 58454
COUNTY	NONE
CITY	NAIROBI
POSTAL CODE	NONE
PERSON TO CONTACT	PROFESSOR ISAAC NYAMBOX
HIS/HER TITLE	NONE
PHONE NUMBER	254-2-560549
FAX NUMBER	NONE
TELEX NUMBER	NONE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION KENYA

FIELD OF EXPERTISE	EXPLORATIONISTS
NAME OF ENTITY	GEOTERMICA ITALIANA srl
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	P.O. BOX 44637
COUNTY	NONE
CITY	NAIROBI
POSTAL CODE	NONE
PERSON TO CONTACT	DR DANIELE CIOPPI
HIS/HER TITLE	NONE
PHONE NUMBER	254-2-339715 EXT 372
FAX NUMBER	NONE
TELEX NUMBER	NONE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION KENYA

FIELD OF EXPERTISE
NAME OF ENTITY
DEPARTMENT NAME
FLOOR
SUITE OR BLDG. NO.
STREET ADDRESS
COUNTY
CITY
POSTAL CODE
PERSON TO CONTACT
HIS/HER TITLE
PHONE NUMBER
FAX NUMBER
TELEX NUMBER

EXPLORATIONISTS
BRITISH GEOLOGICAL SURVEY
C/O MINISTRY OF ENERGY
NONE
NONE
UTALII HOUSE, P.O. BOX 30582
NONE
NAIROBI
NONE
NONE
NONE
254-2-340800
NONE
NONE

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NATION KENYA

FIELD OF EXPERTISE
 NAME OF ENTITY
 DEPARTMENT NAME
 FLOOR
 SUITE OR BLDG. NO.
 STREET ADDRESS
 COUNTY
 CITY
 POSTAL CODE
 PERSON TO CONTACT
 HIS/HER TITLE
 PHONE NUMBER
 FAX NUMBER
 TELEX NUMBER

DRILLING COMPANIES
 FORAKI DRILLING COMPANY
 C/O KENYA POWER CO LTD
 NONE
 NONE
 P.O. BOX 30099
 NONE
 NAIROBI
 NONE
 MR PIERRE ORGONOUSKY
 NONE
 254-2-21251
 254-2-337351
 22253-ELECTRIC

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION KENYA

FIELD OF EXPERTISE	DRILLING COMPANIES
NAME OF ENTITY	BOWDEN DRILLING INTERNATIONAL
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	P.O. BOX 62216
COUNTY	NONE
CITY	NAIROBI
POSTAL CODE	NONE
PERSON TO CONTACT	NONE
HIS/HER TITLE	NONE
PHONE NUMBER	254-2-725088
FAX NUMBER	NONE
TELEX NUMBER	NONE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION KENYA

FIELD OF EXPERTISE	PLANT OR FIELD OPERATORS
NAME OF ENTITY	KENYA OILFIELD SERVICES LTD
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	P.O.BOX 14662
COUNTY	NONE
CITY	NAIROBI
POSTAL CODE	NONE
PERSON TO CONTACT	NONE
HIS/HER TITLE	NONE
PHONE NUMBER	254-2-334307
FAX NUMBER	NONE
TELEX NUMBER	NONE

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NATION KENYA

FIELD OF EXPERTISE
 NAME OF ENTITY
 DEPARTMENT NAME
 FLOOR
 SUITE OR BLDG. NO.
 STREET ADDRESS
 COUNTY
 CITY
 POSTAL CODE
 PERSON TO CONTACT
 HIS/HER TITLE
 PHONE NUMBER
 FAX NUMBER
 TELEX NUMBER

PLANT OR FIELD OPERATORS
 HALLIBURTON LTD
 KENYA BRANCH, MUTHAIGA ROAD
 NONE
 NONE
 P.O BOX 62216
 NONE
 NAIROBI
 NONE
 NONE
 NONE
 254-2-65437
 NONE
 NONE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION KENYA

FIELD OF EXPERTISE
 NAME OF ENTITY
 DEPARTMENT NAME
 FLOOR
 SUITE OR BLDG. NO.
 STREET ADDRESS
 COUNTY
 CITY
 POSTAL CODE
 PERSON TO CONTACT
 HIS/HER TITLE
 PHONE NUMBER
 FAX NUMBER
 TELEX NUMBER

PLANT OR FIELD CONSTRUCTION
 UNIVERSAL F & B CONTRACTORS
 NONE
 NONE
 NONE
 P.O. BOX 45695
 NONE
 NAIROBI
 NONE
 MR P.S. SAIMBI
 NONE
 254-2-822084
 NONE
 NONE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION KENYA

FIELD OF EXPERTISE	PLANT OR FIELD CONSTRUCTION
NAME OF ENTITY	INDUSTRIAL PLANT (E.A.) LTD
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	P.O. BOX 44717
COUNTY	NONE
CITY	NAIROBI
POSTAL CODE	NONE
PERSON TO CONTACT	MR H.S. SAGOO
HIS/HER TITLE	NONE
PHONE NUMBER	254-2-542055
FAX NUMBER	NONE
TELEX NUMBER	NONE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION KENYA

FIELD OF EXPERTISE	PLANT OR FIELD CONSTRUCTION
NAME OF ENTITY	H. YOUNG & CO. (E.A.) LTD
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	P.O. BOX 30118
COUNTY	NONE
CITY	NAIROBI
POSTAL CODE	NONE
PERSON TO CONTACT	MR JOSEPH SCHWARTZAN
HIS/HER TITLE	NONE
PHONE NUMBER	254-2-555653
FAX NUMBER	NONE
TELEX NUMBER	NONE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION KENYA

FIELD OF EXPERTISE	PLANT OR FIELD CONSTRUCTION
NAME OF ENTITY	RICHFIELD ENGINEERING LTD
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	P.O. BOX 67321
COUNTY	NONE
CITY	NAIROBI
POSTAL CODE	NONE
PERSON TO CONTACT	MR BRAUMBLATT
HIS/HER TITLE	NONE
PHONE NUMBER	254-2-540917
FAX NUMBER	NONE
TELEX NUMBER	NONE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION KENYA

FIELD OF EXPERTISE	PLANT OR FIELD CONSTRUCTION
NAME OF ENTITY	AFRICAN STEEL PIPES CO. LTD
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	P.O. BOX 66038
COUNTY	NONE
CITY	NAIROBI
POSTAL CODE	NONE
PERSON TO CONTACT	MR C.I. GEY
HIS/HER TITLE	NONE
PHONE NUMBER	254-2-822920 TO 924
FAX NUMBER	254-2-822925
TELEX NUMBER	22078 PIPECO KE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION KENYA

FIELD OF EXPERTISE	DRILLING COMPANIES
NAME OF ENTITY	THE KENYA POWER CO. LTD
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	P.O. BOX 30099
COUNTY	NONE
CITY	NAIROBI
POSTAL CODE	NONE
PERSON TO CONTACT	MR E.D. WASUNNA
HIS/HER TITLE	NONE
PHONE NUMBER	254-2-21251
FAX NUMBER	254-2-337351
TELEX NUMBER	22253-ELECTRIC

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION KENYA

FIELD OF EXPERTISE	PUBLIC UTILITY
NAME OF ENTITY	KENYA POWER & LIGHTING LTD.
DEPARTMENT NAME	GEOTHERMAL PROJECT
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	P.O. BOX 785
COUNTY	NONE
CITY	NAIVASHA
POSTAL CODE	NONE
PERSON TO CONTACT	GEOFFREY G. MUCHEMI
HIS/HER TITLE	NONE
PHONE NUMBER	NONE
FAX NUMBER	254 2 337351
TELEX NUMBER	22253 KY

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION MEXICO

FIELD OF EXPERTISE	POWER PLANT CONSTRUCTION
NAME OF ENTITY	ANSALDO COMPONENTI di MEXICO
DEPARTMENT NAME	NONE
FLOOR	1ST
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	MARIANO ESCOBEDO 388
COUNTY	DISTRICT FEDERAL
CITY	MEXICO CITY
POSTAL CODE	11590
PERSON TO CONTACT	GIAN PIETRO GIOLITO
HIS/HER TITLE	MANAGER (ING.)
PHONE NUMBER	(5)255-1242, 3162
FAX NUMBER	NONE LISTED
TELEX NUMBER	1763170-ANELME

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION MEXICO

FIELD OF EXPERTISE	DRILLING COMPANY
NAME OF ENTITY	PERFORADORA de ENERGETICOS SA
DEPARTMENT NAME	NONE
FLOOR	3RD
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	AV. MARIANO ESCOBEDO 498
COUNTY	DISTRICT FEDERAL
CITY	MEXICO CITY
POSTAL CODE	11590
PERSON TO CONTACT	C.P.MIGUEL L. VALDOVINOS
HIS/HER TITLE	MANAGER
PHONE NUMBER	(5) 286-0661
FAX NUMBER	(5) 254-8999
TELEX NUMBER	NONE LISTED

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION MEXICO

FIELD OF EXPERTISE	ELECTRICITY SALES TO PUBLIC
NAME OF ENTITY	COMISION FEDERAL ELECTRICIDAD
DEPARTMENT NAME	SUBDIRECCION DE DISTRIBUCION
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	NONE
COUNTY	MICHOACAN
CITY	MORELIA
POSTAL CODE	APDO. POSTAL 31-C
PERSON TO CONTACT	MIGUEL RAMIREZ GUTIERREZ
HIS/HER TITLE	ING.
PHONE NUMBER	NONE LISTED
FAX NUMBER	NONE LISTED
TELEX NUMBER	NONE LISTED

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION MEXICO

FIELD OF EXPERTISE	POWER PLANT CONSTRUCTION
NAME OF ENTITY	MAKROTEK SA de CV
DEPARTMENT NAME	NONE
FLOOR	9TH
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	AV. INSURGENTES SUR 667
COUNTY	DISTRICT FEDERAL
CITY	MEXICO CITY
POSTAL CODE	03810
PERSON TO CONTACT	ROBERTO SANDOVAL FASCIO
HIS/HER TITLE	MANAGER (ING.)
PHONE NUMBER	(5)536-1383,2258
FAX NUMBER	NONE LISTED
TELEX NUMBER	1764152-GALVME

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION MEXICO

FIELD OF EXPERTISE	DRILLING COMPANY
NAME OF ENTITY	PERF.y CONSTRUCT.TERMAL, SA
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	RIO ELBA NO. 10-401
COUNTY	DISTRICT FEDERAL
CITY	MEXICO CITY
POSTAL CODE	06500
PERSON TO CONTACT	JOSE GIJON GUTIERREZ
HIS/HER TITLE	MANAGER (ING.)
PHONE NUMBER	(5) 286-0661
FAX NUMBER	(5) 553-7150
TELEX NUMBER	NONE LISTED

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION MEXICO

FIELD OF EXPERTISE	REGULATIONS, ENVIRON, LICENSE
NAME OF ENTITY	SEC De DESARROLO URBANO y ECO
DEPARTMENT NAME	NONE LISTED
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	NONE
COUNTY	NONE
CITY	NONE
POSTAL CODE	NONE
PERSON TO CONTACT	NONE
HIS/HER TITLE	NONE
PHONE NUMBER	NONE
FAX NUMBER	NONE
TELEX NUMBER	NONE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION MEXICO

FIELD OF EXPERTISE	DRILLING COMPANY
NAME OF ENTITY	CONST. y PERFORADORA LATINA S
DEPARTMENT NAME	NONE
FLOOR	1ST
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	SIERRA MOJADA 626, LOMAS de C
COUNTY	DISTRICT FEDERAL
CITY	MEXICO CITY
POSTAL CODE	11050
PERSON TO CONTACT	ERNESTO REGUERA ROA
HIS/HER TITLE	MANAGER
PHONE NUMBER	(5) 284-3377
FAX NUMBER	(5) 540-1786
TELEX NUMBER	1761121-EPNME

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION MEXICO

FIELD OF EXPERTISE	GEOTHERMAL EXPLOR, DEVEL, CONST
NAME OF ENTITY	COMISION FEDERAL ELECTRICIDAD
DEPARTMENT NAME	SUBDIRECTION DE CONSTRUCTION
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	NONE
COUNTY	MICHOACAN
CITY	MORELIA
POSTAL CODE	APDO. POSTAL 31-C
PERSON TO CONTACT	MIGUEL RAMIREZ GUTIERREZ
HIS/HER TITLE	ING.
PHONE NUMBER	NONE LISTED
FAX NUMBER	NONE LISTED
TELEX NUMBER	NONE LISTED

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION MEXICO

FIELD OF EXPERTISE
 NAME OF ENTITY
 DEPARTMENT NAME
 FLOOR
 SUITE OR BLDG. NO.
 STREET ADDRESS
 COUNTY
 CITY
 POSTAL CODE
 PERSON TO CONTACT
 HIS/HER TITLE
 PHONE NUMBER
 FAX NUMBER
 TELEX NUMBER

PUBLIC UTILITY
 COMMISSION FEDERAL DE ELECTRIC
 NONE
 NONE
 NONE
 A.P. 2-1185
 JALISCO
 GUADALAJARA
 C.P. 44280
 PABLO VERMOT REYES
 ING.
 NONE
 52-36-47-90-81
 NONE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION NEPAL

FIELD OF EXPERTISE	FEDERAL AGENCY
NAME OF ENTITY	DEPARTMENT OF MINES & GEOLOGY
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	LAINCHAUR
COUNTY	NONE
CITY	KATMANDU
POSTAL CODE	NONE
PERSON TO CONTACT	BHARAT M. JNAWALI
HIS/HER TITLE	NONE
PHONE NUMBER	NONE
FAX NUMBER	NONE
TELEX NUMBER	2320 MINES NP

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION NICARAGUA

FIELD OF EXPERTISE	MANAGEMENT
NAME OF ENTITY	INSTIT. NICARAGUENSE DE ENERG
DEPARTMENT NAME	GEOTHERMAL
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	APARTADO POSTAL 55
COUNTY	NONE
CITY	MANAGUA
POSTAL CODE	NONE
PERSON TO CONTACT	ERNESTO MARTINEZ TIFFER
HIS/HER TITLE	DIRECTOR GENERAL GEO. RES
PHONE NUMBER	505-2-27846
FAX NUMBER	505-2-27893
TELEX NUMBER	1364 INEPERF

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION NICARAGUA

FIELD OF EXPERTISE	MANAGEMENT
NAME OF ENTITY	INST. NICARAGUENSE DE ENERGIA
DEPARTMENT NAME	GEOTHERMAL
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	APARTADO POSTAL 55
COUNTY	NONE
CITY	MANAGUA
POSTAL CODE	NONE
PERSON TO CONTACT	ROGERACIA LACAYO
HIS/HER TITLE	DIRECTOR GEOTHERMAL
PHONE NUMBER	505-2-27846
FAX NUMBER	505-2-27893
TELEX NUMBER	1364 INEPERF

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION PANAMA

FIELD OF EXPERTISE	MANAGEMENT
NAME OF ENTITY	INST. RECUR. HYDR. y ELECTRIF
DEPARTMENT NAME	IRHE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	EDIFICIO POLI, AVENIDA CUBA
COUNTY	NONE
CITY	PANAMA CITY
POSTAL CODE	NONE
PERSON TO CONTACT	CARLOS ALGONDONA
HIS/HER TITLE	DIRECTOR GEOTHERMAL
PHONE NUMBER	NONE
FAX NUMBER	NONE
TELEX NUMBER	328 2158 IRHE PG

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION PHILIPPINES

FIELD OF EXPERTISE	GEOTH. EXPLORATION AND DEVELO
NAME OF ENTITY	PHILIPPINE NATIONAL OIL COMPA
DEPARTMENT NAME	ENERGY DEVELOPMENT CORPORATIO
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	MERRIT RD, FORT BONIFACIO
COUNTY	METRO MANILA
CITY	MANILA
POSTAL CODE	MAKATI
PERSON TO CONTACT	PEDRO S. SANTOS
HIS/HER TITLE	VICE PRESIDENT
PHONE NUMBER	815-89-61
FAX NUMBER	NONE LISTED
TELEX NUMBER	NONE LISTED

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION PHILIPPINES

FIELD OF EXPERTISE	POWER PURCHASES AND SALES
NAME OF ENTITY	NATIONAL POWER CORPORATION
DEPARTMENT NAME	NONE LISTED
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	CORNER AGHAM AVE - QUEZON AVE
COUNTY	NONE LISTED
CITY	QUEZON CITY
POSTAL CODE	DILIMAN
PERSON TO CONTACT	ERNESTO M. ABOITIZ
HIS/HER TITLE	PRESIDENT
PHONE NUMBER	921-29-98
FAX NUMBER	632921-2468
TELEX NUMBER	40120

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION PHILIPPINES

FIELD OF EXPERTISE
 NAME OF ENTITY
 DEPARTMENT NAME
 FLOOR
 SUITE OR BLDG. NO.
 STREET ADDRESS
 COUNTY
 CITY
 POSTAL CODE
 PERSON TO CONTACT
 HIS/HER TITLE
 PHONE NUMBER
 FAX NUMBER
 TELEX NUMBER

ENVIRONMENTAL MATTERS
 DEPT OF ENVIRON AND NAT RESOU
 NONE LISTED
 NONE
 NONE
 VISAYAS AVE
 NONE LISTED
 QUEZON CITY
 NONE LISTED
 FULGENCIO FACTORAN
 SECRETARY
 96-65-76
 NONE LISTED
 NONE LISTED

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION PHILIPPINES

FIELD OF EXPERTISE	POWER PLANT CONSTRUCTION
NAME OF ENTITY	F.F.CRUZ AND CO. INC
DEPARTMENT NAME	NONE LISTED
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	800 EPIFANO de LOS SANTOS AVE
COUNTY	NONE
CITY	QUEZON CITY
POSTAL CODE	NONE
PERSON TO CONTACT	FELIPE F. CRUZ
HIS/HER TITLE	PRESIDENT
PHONE NUMBER	NONE LISTED
FAX NUMBER	NONE LISTED
TELEX NUMBER	NONE LISTED

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION PHILIPPINES

FIELD OF EXPERTISE	GEOTH. EXPLORATION AND DEVEL.
NAME OF ENTITY	PHILIPPINE GEOTHERMAL INC.
DEPARTMENT NAME	NONE
FLOOR	15TH
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	METROBANK PLAZA, GIL PUYAT AVE
COUNTY	METRO MANILA
CITY	MANILA
POSTAL CODE	MAKATI
PERSON TO CONTACT	PAUL ATKINSON
HIS/HER TITLE	MANAGER, RESERVOIR ENG.
PHONE NUMBER	817-88-76 TO 80
FAX NUMBER	NONE LISTED
TELEX NUMBER	NONE LISTED

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION PHILIPPINES

FIELD OF EXPERTISE	GRNTING OF GEOTHERMAL LEASES
NAME OF ENTITY	OFFICE OF ENERGY AFFAIRS
DEPARTMENT NAME	NONE LISTED
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	MERRIT RD., FORT BONIFACIO
COUNTY	METRO MANILA
CITY	MANILA
POSTAL CODE	MAKATI
PERSON TO CONTACT	WENCESLAO Q. DE LA PAZ
HIS/HER TITLE	DIRECTOR
PHONE NUMBER	85-10-21 TO 31
FAX NUMBER	NONE LISTED
TELEX NUMBER	NONE LISTED

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION PHILIPPINES

FIELD OF EXPERTISE	NATIONAL POWER UTILITY
NAME OF ENTITY	NATIONAL POWER CORPORATION
DEPARTMENT NAME	GEOTHERMAL
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	QUEZON & AGHAM RD, BOX 10183
COUNTY	NONE
CITY	QUEZON CITY
POSTAL CODE	NONE
PERSON TO CONTACT	ROGELIO DATUIN
HIS/HER TITLE	SPECIAL ASSISTNT TO CHRMN
PHONE NUMBER	632-921-3451
FAX NUMBER	632-921-2468
TELEX NUMBER	NONE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION PHILIPPINES

FIELD OF EXPERTISE	GEOTHERMAL ENGINEERING
NAME OF ENTITY	NATIONAL POWER CORPORATION
DEPARTMENT NAME	GEOTHERMAL
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	BOX 10183,
COUNTY	NONE
CITY	QUEZON CITY
POSTAL CODE	DILIMAN
PERSON TO CONTACT	FELICITO M. GAZO
HIS/HER TITLE	GENERAL RESEARCH ENGINEER
PHONE NUMBER	632-921-3451
FAX NUMBER	632-921-2468
TELEX NUMBER	NONE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION PHILIPPINES

FIELD OF EXPERTISE	EXPLORATION
NAME OF ENTITY	PNOC ENERGY COMPANIES
DEPARTMENT NAME	GEOTHERMAL
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	BOX 1031, MCPO
COUNTY	METRO MANILA
CITY	MAKATI
POSTAL CODE	NONE
PERSON TO CONTACT	CARLI M. RICIO
HIS/HER TITLE	GEOSCIENTIFIC MANAGER
PHONE NUMBER	NONE
FAX NUMBER	63-2-815-2747
TELEX NUMBER	NONE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION REPUBLIC OF CHINA

FIELD OF EXPERTISE
NAME OF ENTITY
DEPARTMENT NAME
FLOOR
SUITE OR BLDG. NO.
STREET ADDRESS
COUNTY
CITY
POSTAL CODE
PERSON TO CONTACT
HIS/HER TITLE
PHONE NUMBER
FAX NUMBER
TELEX NUMBER

PLANT OR FIELD OPERATORS
CHINESE PETROLEUM CORPORATION
PRODUCTION DEPARTMENT
NONE
NONE
90 CHUNG CHENG ROAD
TAIMAN
MIAOLI
NONE LISTED
K.S.YEH
DEPARTMENT MANAGER
037-262100
886-037-267223
NONE LISTED

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION REPUBLIC OF CHINA

FIELD OF EXPERTISE	LEASE OR CONCESSION GRANTOR
NAME OF ENTITY	MINISTRY OF ECONOMIC AFFAIRS
DEPARTMENT NAME	DEPARTMENT OF MINES
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	15 FU CHOU STREET
COUNTY	TAIWAN
CITY	TAIPEI
POSTAL CODE	NONE LISTED
PERSON TO CONTACT	NONE LISTED
HIS/HER TITLE	NONE LISTED
PHONE NUMBER	NONE LISTED
FAX NUMBER	NONE LISTED
TELEX NUMBER	NONE LISTED

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION REPUBLIC OF CHINA

FIELD OF EXPERTISE	EXPLORATION AND DEVELOPMENT
NAME OF ENTITY	ENERGY COMMISSION
DEPARTMENT NAME	NONE LISTED
FLOOR	FL.13
SUITE OR BLDG. NO.	N/A
STREET ADDRESS	2 FU-HSING NORTH ROAD
COUNTY	TAIWAN
CITY	TAIPEI
POSTAL CODE	NONE LISTED
PERSON TO CONTACT	K.H.LO
HIS/HER TITLE	DEPARTMENT MANAGER
PHONE NUMBER	NONE LISTED
FAX NUMBER	886-02-7769417
TELEX NUMBER	NONE LISTED

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION REPUBLIC OF CHINA

FIELD OF EXPERTISE	PROJECT MANAGEMENT,CONSULTING
NAME OF ENTITY	ENER RES LAB,IND TECH RES INS
DEPARTMENT NAME	RESOURCES DEVELOPMENT DIVISIO
FLOOR	NONE
SUITE OR BLDG. NO.	NO 64
STREET ADDRESS	195 CHUNG HSING ROAD
COUNTY	TAIWAN
CITY	CHUTUNG,HSINCHU
POSTAL CODE	SECTION 4
PERSON TO CONTACT	WENG-TSE CHENG
HIS/HER TITLE	DEPARTMENT MANAGER
PHONE NUMBER	035-916340
FAX NUMBER	886-035-943680
TELEX NUMBER	NONE LISTED

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION REPUBLIC OF CHINA

FIELD OF EXPERTISE	ENGINEERING
NAME OF ENTITY	TIANJIN UNIVERSITY
DEPARTMENT NAME	CIVIL ENGINEERING
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	NONE
COUNTY	NONE
CITY	TIANJIN
POSTAL CODE	10072
PERSON TO CONTACT	JING-YU CHANG
HIS/HER TITLE	NONE
PHONE NUMBER	NONE
FAX NUMBER	NONE
TELEX NUMBER	NONE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION REPUBLIC OF CHINA

FIELD OF EXPERTISE	GEOTHERMAL STUDIES
NAME OF ENTITY	ACADEMICA SINICA
DEPARTMENT NAME	INSTITUTE OF GEOLOGY
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	NONE
COUNTY	NONE
CITY	BEIJING
POSTAL CODE	100044
PERSON TO CONTACT	JI-YANG WANG
HIS/HER TITLE	PROFESSOR
PHONE NUMBER	861-401-661-1472
FAX NUMBER	8611-401-4031
TELEX NUMBER	NONE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION REPUBLIC OF CHINA

FIELD OF EXPERTISE	GEOLOGIC STUDIES
NAME OF ENTITY	PEKING UNIVERSITY
DEPARTMENT NAME	GEOLOGY DEPARTMENT
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	NONE
COUNTY	NONE
CITY	BEIJING
POSTAL CODE	100871
PERSON TO CONTACT	SHEN MINZI
HIS/HER TITLE	PROFESSOR
PHONE NUMBER	NONE
FAX NUMBER	NONE
TELEX NUMBER	71 211 215 BEUN CN

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION REPUBLIC OF CHINA

FIELD OF EXPERTISE	POWER PURCHASES AND SALES
NAME OF ENTITY	TAIWAN POWER COMPANY
DEPARTMENT NAME	THERMAL POWER RESOURCES DIVIS
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	242 ROOSEVELT ROAD
COUNTY	TAIWAN
CITY	TAIPEI
POSTAL CODE	SECTION 3
PERSON TO CONTACT	SHENG-HSIUNG YU
HIS/HER TITLE	DIVISION CHIEF
PHONE NUMBER	NONE LISTED
FAX NUMBER	NONE LISTED
TELEX NUMBER	NONE LISTED

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION ROMANIA

FIELD OF EXPERTISE	NOT KNOWN
NAME OF ENTITY	PARCUL PETOFI NOLL
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	NONE
COUNTY	NONE
CITY	ORADEA
POSTAL CODE	3700
PERSON TO CONTACT	ROMONA PLAVITA
HIS/HER TITLE	NONE
PHONE NUMBER	NONE
FAX NUMBER	NONE
TELEX NUMBER	112 23 MIMURE R

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

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NATION USSR

FIELD OF EXPERTISE	GEOPHYSICS
NAME OF ENTITY	INSTITUTE OF GEOPHYSICS
DEPARTMENT NAME	LABORATORY OF GEOTHERMICS
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	NONE
COUNTY	NONE
CITY	PAYZHESKY Px7
POSTAL CODE	10917
PERSON TO CONTACT	VLADIMIR KONONOV
HIS/HER TITLE	PROFESSOR
PHONE NUMBER	NONE
FAX NUMBER	NONE
TELEX NUMBER	87 141 1848 GIN SU

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NATION USSR

FIELD OF EXPERTISE	GENERAL LOW TEMP. GEOTHERMICS
NAME OF ENTITY	INSTIT. OF GEOTHERMAL PROBLEM
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	C/O GEO-HEAT CENTER, OIT
COUNTY	NONE
CITY	KLAMATH FALLS, OR
POSTAL CODE	97601 (USA)
PERSON TO CONTACT	SARD SARDAROV
HIS/HER TITLE	DR.
PHONE NUMBER	503-882-6371 (USA)
FAX NUMBER	503-882-4136 (USA)
TELEX NUMBER	NONE

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

PAGE 86

DATE February 22, 1991

NATION USSR

FIELD OF EXPERTISE	ACADEMICS
NAME OF ENTITY	ACADEMY OF SCIENCE OF GEORGIA
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	NONE
COUNTY	GEORGIA
CITY	TIBILISI
POSTAL CODE	38008
PERSON TO CONTACT	GURAM BUACHIDZE
HIS/HER TITLE	PROFESSOR
PHONE NUMBER	NONE
FAX NUMBER	NONE
TELEX NUMBER	212 912 PTBSU

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

PAGE 87

DATE February 22, 1991

NATION YUGOSLAVIA

FIELD OF EXPERTISE	GEOTHERMICS
NAME OF ENTITY	UNIVERSITY CYRIL AND METHODIC
DEPARTMENT NAME	MASTNEKI FAHULTET
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	KARPOS II bb
COUNTY	MACEDONIA
CITY	SKOPJE
POSTAL CODE	91000
PERSON TO CONTACT	KONSTANTINE DIMITROV
HIS/HER TITLE	PROFESSOR
PHONE NUMBER	091-259645
FAX NUMBER	503-882-4136 (USA)
TELEX NUMBER	51884 MaFakyw

NGA LIST OF GEOTHERMALLY ACTIVE ENTITIES

PAGE 88

DATE February 22, 1991

NATION YUGOSLAVIA

FIELD OF EXPERTISE	GEOLOGY
NAME OF ENTITY	GEOLOSKI ZAVOD
DEPARTMENT NAME	NONE
FLOOR	NONE
SUITE OR BLDG. NO.	NONE
STREET ADDRESS	GAZI BABABB
COUNTY	MACEDONIA
CITY	SKOPJE
POSTAL CODE	91000
PERSON TO CONTACT	MIRJANA GORGIEVA
HIS/HER TITLE	NONE
PHONE NUMBER	NONE
FAX NUMBER	NONE
TELEX NUMBER	NONE

**MAPS OF GEOTHERMAL
INSTALLATIONS**

GEOTHERMAL MANAGEMENT CO., Inc.

P.O. Box 2980

Evergreen, Co. 80439

27972 Meadow Drive

NGA DATABASE MAP FILES

Comments and Explanations

The maps in the following section of this document were produced by hand scanning redrafted versions of original maps submitted by data base respondents from each nation. The illustrations were redrafted in a uniform style by the National Geothermal Association (NGA) and returned to Geothermal Management Company, Inc. (GMC) for scanning into machine readable files that are available to the geothermal community.

Scanning - Each map was first copy- reduced in size until its minimum dimension was slightly less than 4.0 inches. The reduced image was then positioned in a "Scan:Align" device (made by American Business Concepts, Dallas, Texas) to facilitate use of a single pass with a hand scanner.

A 4.5 inch wide NISCAN/GS hand scanner was then placed in the appropriate Scan:Align template and each image was scanned into "ScanXpress" software (made by NISCA, Dallas, Texas). The files thus generated were saved in the *.PCX and *.TIF formats that are importable by most graphics and word processing programs. File sizes range from 50,335 to 331,930 bytes with an average TIF size of 260,000 bytes and an average PCX size of 55,000 bytes.

The TIF and PCX files comprising the map portion of the NGA database have been copied onto diskettes for distribution to industry users. The contents of the diskettes may be copied onto the user's hard disk and then imported using a graphics or word processing program by following the appropriate instructions in the manual. The maps can then be printed by the user at any scale allowed by his software and printer.

The importation of a graphic map file using Microsoft Word is described as an example.

1. Assume that the the map files are located in the D:\SCANX\ITALY.PCX (or ITALY .TIF) Path and File.
2. In Microsoft Word (MSWORD), choose Library Link Graphics.

3. Type in the Path and File (See 1. above)

4. Type <Return>

5. Choose Printer, Print and wait until print file is loaded, a period of several minutes, before obtaining the final map of Italy from the printer.

Note that the printer must have enough memory to accomodate 350,000 byte graphic files. Laser printers work especially well and can produce maps at virtually any scale within 4-5 minutes per map.

ngadbmap.inf

CENTRAL AMERICA

CHINA AND TAIWAN

FRANCE (Guadeloup)

D:\SCANX\FRANCE.TIF

ITALY

D:\SCANX\ITALY.PCX

ITALY

ITALY

ITALY

D:\SCANX\JAPAN.TIF

D:\SCANX\KENYA.TIF

MEXICO

NEW ZEALAND (North Island)

D:\SCANX\NEWZEAL.TIF

NICARAGUA
D:\SCANX\NICARAG.TIF

D:\SCANX\PHILIPP.TIF

PORTUGAL (Azores Islands)

TAIWAN

TURKEY

USSR (Kamchatka)

D:\SCANX\HAWAII.TIF

D:\SCANX\NEVADA.PCX

D:\SCANX\UTAH.TIF

DATABASE QUESTIONS

NATIONAL GEOTHERMAL ASSOCIATION

P.O. Box 1350
Davis, California 95617-1350 USA
(916) 758-2360 Telex: 882410

ANSWER SHEET

For Use With

THE NGA DATA BASE QUESTIONNAIRE

Instructions:

1. Please use a separate answer sheet for EACH GEOTHERMAL POWER PLANT IN YOUR NATION. Several answer sheets have been supplied for your convenience.
2. Please supply the responses to questions 64a, 64b, and 64c on separate, dedicated sheet(s) of paper.

1. _____	18. _____
2. _____	19. _____. (Gross MWe)
3. - (p,u,o,n,d)	20. _____. (Net MWe)
4. _____. (Mo/Yr)	21. _____. (Klbs/hr or Kg/sec)
5. _____	22. _____. (Mg/L or PPM)
6. _____	23. _____. (years)
7. _____	24. _____. (psig or Kg/Cm ²)
8. _____	25. _____. (Degrees F)
9. _____	26. _____. ((\$US)
10. _____	27. _____. (\$US Millions)
11. _____	28. _____. (Km ²)
12. _____	29. _____. (\$US Millions)
13. _____	30. _____. (\$US Millions)
14. _____	31. _____. (%)
15. _____	32. _____
16. _____	33. _____
17. _____	34. _____. (Degrees F)

35. _____ (Feet or Meters)

36. _____

37. _____

38. _____

39. _____

40. _____. (Tons/Month)

41. _____

42. _____. (\$US/KW hr)

43. _____

44. _____

45. _____

46. _____

47. _____

48. _____

49. _____

50. _____

51. _____

52. _____. (\$US)

53. _____. (years)

54. _____. (Tons/Month)

55. _____. (KW hrs)

56. _____

57. _____. (Wt. %)

58. _____. (Wt. %)

59. _____. (Wt. %)

60. _____. (Wt. %)

61. _____. (Wt. %)

62. _____. (Wt. %)

63. _____

64a,b,c. Use Separate Sheets.

ngaans.sht

NATIONAL GEOTHERMAL ASSOCIATION

P.O. Box 1350
Davis, California 95617-1350 USA
(916) 758-2360 Telex: 882410

INTENT TO RESPOND

NAME _____

ORGANIZATION _____

TELEPHONE _____

FAX _____

TELEX _____

1. WE WILL COMPLETE THE NGA QUESTIONNAIRE
AND SUBMIT SOME TEXT AND OUTLINE MAPS
FOR THE NGA DATA BASE.

Please mark (x)
your intent.

2. WE WILL NOT BE ABLE TO SUBMIT INFORMATION
FOR THE NGA DATA BASE.

3. THE NGA LETTER - REQUEST HAS BEEN GIVEN
TO THE FOLLOWING ORGANIZATION FOR
RESPONSE. Contact Person _____

Organization _____

Phone _____ FAX _____ TWX _____

Signed _____ Date _____

PLEASE FAX THIS TO: 303-674-1971 (Evergreen, Colorado, USA)

or

MAIL TO: GERALD W. HUTTRER
GEOTHERMAL MANAGEMENT COMPANY, INC.
P.O. BOX 2980
27972 MEADOW DRIVE, SUITE 340
EVERGREEN, COLORADO 80439-2980
USA

ngaintto.res

NATIONAL GEOTHERMAL ASSOCIATION

1

P.O. Box 1350
Davis, California 95617-1350 USA
(916) 758-2360 Telex: 882410

A QUESTIONNAIRE

For Use in Obtaining Information to be Documented

by the

NATIONAL GEOTHERMAL ASSOCIATION

in an

"INTERNATIONAL GEOTHERMAL ELECTRIC POWER DATA BASE"

Instructions:

- a. It is likely that a large geothermal field will support several generating units. Please answer **all** questions for **EACH** separate unit on **copies** of this questionnaire.
- b. Please answer all questions; use N/A for questions that are not applicable.
- c. Please provide **explanatory text** whenever it will amplify or clarify your responses to the NGA questions.
- d. Please send **AN OUTLINE MAP** of your nation showing the sites of the generating units operating, planned, or out of service.

QUESTIONS

1. **Plant Name** - The name designating the unique unit organized to produce electricity. If two independent units are located at the same site, they should be listed as unit number 1 and unit number 2. Text, up to 20 characters.
2. **Site** - Name of the site or geothermal field where the unit is located. Text, up to 20 characters.

3. **Status** - (Planned, Under Construction, Operating, Non-Operating, Decommissioned). The plant status is limited to these 5 categories. Text, 1 character (P,U,O,N,or D).

4. **Date of Firm Operation** - Date that the power purchaser accepts power from the unit on a firm basis. (Mo/Yr).

5. **Nation** - The nation within which the unit is located. Text. Should be abbreviated to 4 characters.

6. **Political Subdivision** - The region or state or island or other identifiable district in which the unit is located. Text. Should be abbreviated to 4 characters.

7. **Resource Owner** - The beneficial owner of the geothermal resource. Text, up to 20 characters.

8. **Resource Lessee or Field Developer** - The entity that has leased or has a concession for or who is developing the resource. If it is the resource owner, then reenter the owners name. Text, up to 20 characters.

9. **Architect/Engineer** - The name of the firm that was responsible for design of the power plant unit beginning at the exit of the gathering system and ending at the entrance to the disposal system. Text, up to 20 characters.

10. **Power Plant Owner** - The beneficial owner of the power plant. Text, up to 20 characters.

11. **Turbine Source** - The manufacturer of the turbine or the supplier, if significant modifications were made to it. Text, up to 20 characters.

12. **Power Purchaser** - The utility or industrial firm that purchases the electricity or the steam or the hot water produced by the unit. Text, up to 20 characters.

13. **Plant Contractor** - The name of the firm or other entity acting as the general contractor for the power plant construction. (This entity is responsible for integrating all construction activities and delivering to the owner an operating power plant. Text, up to 20 characters.

14. **Power Plant Contact Person** - The name of the person to be contacted in order to obtain information regarding the power plant. Text, up to 20 characters.

15. **Entity Employing the Power Plant Contact Person** - The name of the firm or other entity for whom the power plant contact person works. Text, up to 20 characters.

16. **Telephone** - The phone number of the power plant contact person. Numerical, up to 13 numbers.

17. **Facsimile (FAX)** - The FAX number of the power plant contact person. Numerical, up to 13 numbers.

18. **TELEX** - The TELEX identification letters of the power plant contact person. Text, up to 14 characters.

19. **Design Capacity (GROSS MWe)** - The GROSS power capacity that the power plant was designed to deliver. Numerical, up to 6 numbers including a decimal point and 2 decimal places.

20. **Design Capacity (NET MWe)** - The NET power capacity that the power plant was designed to deliver. Numerical, up to 6 numbers including a decimal point and 2 decimal places.

21. **Total Well Production (Lbs/hr or Kg/sec)** - The total production, in thousands of pounds per hour, or in kilograms per second, from all wells as measured at the outlet of the gathering system. Numerical, up to 6 numbers including a decimal point and 2 decimal places.

22. **Total Dissolved Solids (PPM or Mg/L)** - The total dissolved solids content of the fluids produced at the outlet of the gathering system as of the date of firm operation. Numerical, up to 6 numbers including a decimal point and 2 decimal places.

23. **Design Lifetime (Years)** - The economic life span over which the power plant was designed to function. Numerical, up to 3 integers.

24. **Inlet pressure (PSI or Kg/Cm²)** - The initial design inlet pressure as measured at the outlet of the gathering system. This is important for flash or dry steam systems but less important for binary systems. Numerical, up to 5 integers.

25. **Initial Reservoir Temperature (Degrees F)** - The initial temperature of the reservoir at depth as measured in degrees Fahrenheit. Numerical, up to 3 integers.

26. **Exploration Costs (\$)** - A reasonable estimate of the exploration costs associated with the availability of the geothermal resources fueling this power plant in millions of US dollars. Numerical, up to 6 numbers including a decimal point and 1 decimal place.

27. **Average Well Cost (\$US Millions)** - The average cost of completed production, injection, and standby wells, including casings, wellhead equipment, but not including pumps in millions of US dollars. Numerical, up to 6 numbers including a decimal point and 1 decimal place.

28. **Subsurface Area of the Geothermal Field (Km²)** - The approximate subsurface area occupied by the geothermal field if directional wells are included. Numerical, up to 6 numbers including a decimal point and 1 decimal place.

29. **Total Cost of the Power Plant (\$US Millions)** - Cost of the power plant from the output of the gathering system, including the "switch yard", but not including the transmission lines in millions of US dollars. Numerical, up to 6 numbers including a decimal point and 1 decimal place.

30. **Total Project Cost (\$US Millions)** - Total cost (equity and debt) of the project, not including the transmission lines, in millions of US dollars. Numerical, up to 6 numbers including a decimal point and 1 decimal place.

31. **Availability (%)** - The number of hours that the power plant was available to produce power during the last calendar year period DIVIDED by 8760 hours TIMES 100. Numerical, up to 4 numbers including a decimal point and 1 decimal place.

32. **Availability Year** - The year for which the Availability % was calculated. Numerical, 4 integers.

33. **Type of Power Cycle Used** - The power plant generation system type. Respond only as follows: Binary, S Flash, D Flash, or D Steam. Text, up to 8 characters.

34. **Inlet Temperature (Degrees F)** - The resource temperature as measured at the outlet of the gathering system in degrees Fahrenheit. Numerical, up to 5 numbers including a decimal point and 1 decimal place.

35. **Average Well Depth (Feet or Meters)** - The average depth of all production, injection and standby wells used for power production. Numerical, up to 5 numbers including a decimal point and 1 decimal place.

36. **Number of Production Wells** - The number of producing wells needed to fully supply resource to the power plant. This does not include standby wells. Numerical, up to 3 integers.

37. **Injection Wells** - The number of injection wells needed to dispose of fluids resulting from full power plant operation. This does not include standby wells. Numerical, up to 3 integers.

38. **Failed or Abandoned Wells** - In reference to this power plant: includes non-producible exploration wells as well as production, injection, and standby wells unsuccessfully drilled or abandoned. Numerical, up to 3 integers.

39. **Total Number of Wells** - This includes all wells on the site that are functioning or are capable of functioning properly as production, injection, or standby wells for this power plant. Numerical, up to 3 integers.

40. **Reactor/Clarifier Sludge Produces (Tons/Month)** - If a Reactor/Clarifier is in use, please enter the tons per month of sludge that are produced. Numerical, up to 5 numbers including a decimal point and 1 decimal place.

41. **Financing Organization** - The name of the financing organization that took the lead in providing funds for the power plant. The lead lending organization/syndicator. Text, up to 25 characters.

42. **Electricity Sales Price per KWhr.** - The average price, preferably converted to \$US/KWhr, received for electricity generated at the geothermal power plant during 1989. Numerical, up to 4 numbers including a decimal point and 1 decimal place.

43. Year Power Plant Was Completed - Numerical, 4 integers.
44. Year Power Plant Stopped Operating - Numerical, 4 integers.
45. Generator Source - The manufacturer of the generator or the supplier, if the generator was significantly modified. Text, up to 20 characters.
46. Resource Owner/Lessee Contact Person - The name of the person to contact in order to obtain information regarding the resource on behalf of the owner or lessee. Text, up to 20 characters.
47. Entity Employing the Resource Contact Person - The name of the firm or other entity for which the resource contact person works. Text, up to 20 characters.
48. Telephone - The phone number of the person to contact regarding the resource on behalf of the owner or lessee. Numerical, up to 13 integers.
49. Facsimile (FAX) - The FAX number of the resource contact person. Numerical, up to 13 integers.
50. TELEX - The TELEX identification letters of the resource contact person. Text, up to 14 characters.
51. Power Plant Operator - The name of the power plant operator in case that it is not the same as the power plant owner. Text, up to 20 characters.
52. Cost of the Gathering Systems (\$US) - The cost of the fluid gathering and disposal systems for both production and injection in millions of US dollars. This includes the cost of pumps (lineshaft or downhole) if used. Numerical, up to 6 numbers including a decimal point and 1 decimal place.
53. Average Well Life (years) - The average number of years that wells function properly with normal maintenance. Numerical, up to 4 numbers including a decimal point and 1 decimal place.
54. H₂S Scrubber Sludge Produced (Tons/Month) - If an H₂S scrubber is used, then the sludge produced should be entered

in tons per month. Numerical, up to 5 numbers including a decimal point and 1 decimal place.

55. **Electricity Sales per Year(KWhr)** - The local electricity sales from the power plant for a designated year (1989) in KWhrs. Numerical, up to 6 numbers including a decimal point and one decimal place.

56. **Year of Electricity Sales** - The year for which the sale information requested in question number 55 was provided, (if not for 1989). Numerical, 4 integers.

57. **Initial Total Non-Condensable Gas Production (Weight %)** - The weight percent of the total amount of non-condensable gases extracted from the produced resource upstream of the power production units when the power plant was first operated, i.e. H_2S , CO_2 , etc. Numerical, up to 4 integers.

58. **CO_2 Produced initially (Weight %)** - The total amount of carbon dioxide produced initially in weight percent. Numerical, up to 4 numbers including a decimal point and 1 decimal place.

59. **H_2S Produced Initially (Weight %)** - The total amount of hydrogen sulfide produced initially in weight percent. Numerical, up to 4 numbers including a decimal point and 1 decimal place.

60. **Current Total Non-Condensable Gas Production (Weight %)** - The weight percent of the total amount of non-condensable gases extracted from the produced resource upstream of the power production units in 1989. Numerical, up to 4 numbers including a decimal point and 1 decimal place.

61. **CO_2 Currently Being Produced (Weight %)** - The amount of carbon dioxide produced in 1989 in weight percent. Numerical, up to 4 numbers including a decimal point and 1 decimal place.

62. **H_2S Currently Being Produced (Weight %)** - The amount of hydrogen sulfide produced in 1989 in weight percent. Numerical, up to 4 numbers including a decimal point and 1 decimal place.

63. **Non-Condensable Gas Treatment System Used** - The name of the system used to remove non-condensable gases from the

produced resource or from power plant emissions. Text, up to 20 characters.

In order to facilitate contacts within the international geothermal community, the NGA wishes to obtain the names addresses and phone/FAX/TELEX numbers for the major geothermally-involved entities in each nation. Please supply the information requested in questions 64a, 64b, and 64c in as much detail as possible. Please use separate sheets of paper for this purpose.

64a. Please supply the names, addresses and numbers for the Federal, District and/or local agencies responsible for :

1. Geothermal Exploration and Development
2. Power Plant Construction
3. Electricity Purchases and Sales
4. Granting of Geothermal Concessions or Leases
5. Environmental Matters

The names of current department managers are also requested.

64b. Please supply the names, addresses, and numbers for the geothermally active major lending agencies in your nation including, but not limited to:

1. Federal Agencies
2. International Banks or their local branches
3. Regional Funding Sources

The names of current department managers are also requested.

64c. Please supply the names, addresses, and numbers for the major companies currently engaged in geothermally-related activities on a commercial basis in your nation and/or in countries outside your nation. This list might include:

1. Consultants (Local, Regional, and/or International)
2. Trading Companies
3. Explorationists
4. Drilling Companies
5. Plant or Field Operators
6. Plant or Field Construction

The names of the current managers of these companies are also requested.

THE NGA THANKS YOU FOR YOUR TIME AND EFFORT IN PROVIDING THIS INFORMATION. HOPEFULLY, THE DATA BASE WILL SOME DAY BE USEFUL TO YOU IN YOUR GEOTHERMAL ACTIVITIES, SAVING YOU AND YOUR PERSONNEL TIME AND EFFORT.

ngaques1.doc

MAILING LISTS

NATIONAL GEOTHERMAL ASSOCIATION

P.O. Box 1350
Davis, California 95617-1350 USA
(916) 758-2360 Telex: 882410

MAILING LIST FOR NGA/DOE GEOTHERMAL POWER PLANT DATA BASE
DEVELOPMENT 12/13/89 - G.W. HUTTNER

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Chairman, Geothermal Research Council
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Academia Sinica
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THE PEOPLES REPUBLIC OF CHINA
2.
Dr. Alfredo Mainieri
Instituto Costarricense
de Electricidad
Apartado 10
032-1000 San Jose
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3.
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CEL (GEOCEL)
P.O. Box 01-478
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EL SALVADOR
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et Minieres
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6.
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Unidad de Desarrollo Geotermico
Guatemala Sur
San Jose Villa Nueva
GUATEMALA
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Geothermal Division
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Grensasvegur 9
108 Reykjavik
ICELAND
8.
B.R. Moon
Central Electricity Authority
Sewa Bhawan
New Delhi 110 066
INDIA
9.
Ing. Vincent Radja
Perusahaan Listrik Negara (PLN)
Trunojoyo MI/135
Kebayoran Baru
Jakarta, 10450
INDONESIA
10.
Ing. Guido Civis Palmerini
Deputy General Director
ENEL/DPT
Via Andrea Pisano 120
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ITALY
11.
Moto Higo
Japan Geothermal Energy Association
Yurakucho Denki Building
1-7-1 Yurakucho, Chiyoda-ku
Tokyo 100
JAPAN

12.
Mr. Sebastian Bwire-Ojiambo
Kenya Power and Lighting Co. Ltd.
Geothermal Project
Electricity House, Harambee Ave.
P.O. Box 30099
Nairobi
KENYA
13.
Ing. Miguel Ramirez Gutierrez
Gerente de Estudios Geotermicos
Comision Federal de Electricidad
APDO 31-C
Morelia, Michocan
MEXICO
14.
Prof. Derek Freeston
Geothermal Institute
University of Auckland
Private Bag
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Diliman
Quezon City
PHILIPPINES
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Dr. Antonio M. Rodrigues da Silva
Laboratorio de Geosciencias
e Tecnologia
Rua de Sao Miguel, 41
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Acores
PORTUGAL

18. Mr. Alaxandru Butac, Manager
Ministry of Geology
Str. Mendeleev nr. 36
Bucharest
ROMANIA
19. Weng-Tse Cheng
Energy and Mining
Research/Service Organization
Industrial Technology Research Inst.
1 Tun-Hwa South Road
Tapei 105
Taiwan
REPUBLIC OF CHINA
20. Prof. Ender Okandan
Middle East Technical University
Petroleum Engineering Dept.
Ionu Bulvari
Ankara
TURKEY
21. Prof. Vladimir Kononov
Chairman of the Scientific Council
on Geothermal Investigations
USSR Academy of Sciences
Staromonetny Per. 35, Room 414
Moscow 109017
USSR
22. Dr. James Rannels
U.S. Department of Energy
1000 Independence Avenue SW
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Washington, DC 20589
USA

23.

Mr. David Anderson
Executive Director
National Geothermal Association
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Davis California 95617-1350
USA

24.

Gerald W. Huttner
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P.O. Box 2980
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Evergreen, Colorado 80439
USA

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