Central Laguna Verde

Two GE BWR/5 201 MK II 655 MWe Units

NSSS - GE Turbo Generator - MHI

Unit 1 Commercial Operation since 7/1990
Unit 2 Commercial Operation since 4/1995

TOTAL INSTALLED NUCLEAR CAPACITY 1,310 MWe

50021.2

Central Laguna Verde

1997 Performance Results

Unit 1	Capacity Factor	94.8%	6th cycle
	Availability	98.4%	
	Outage Duration	N/A	
Unit 2			
	Capacity Factor	87.7%	2nd & 3rd cycles
	Availability	90.7%	
	Outage Duration	33 Days	

50021.3

Central Laguna Verde

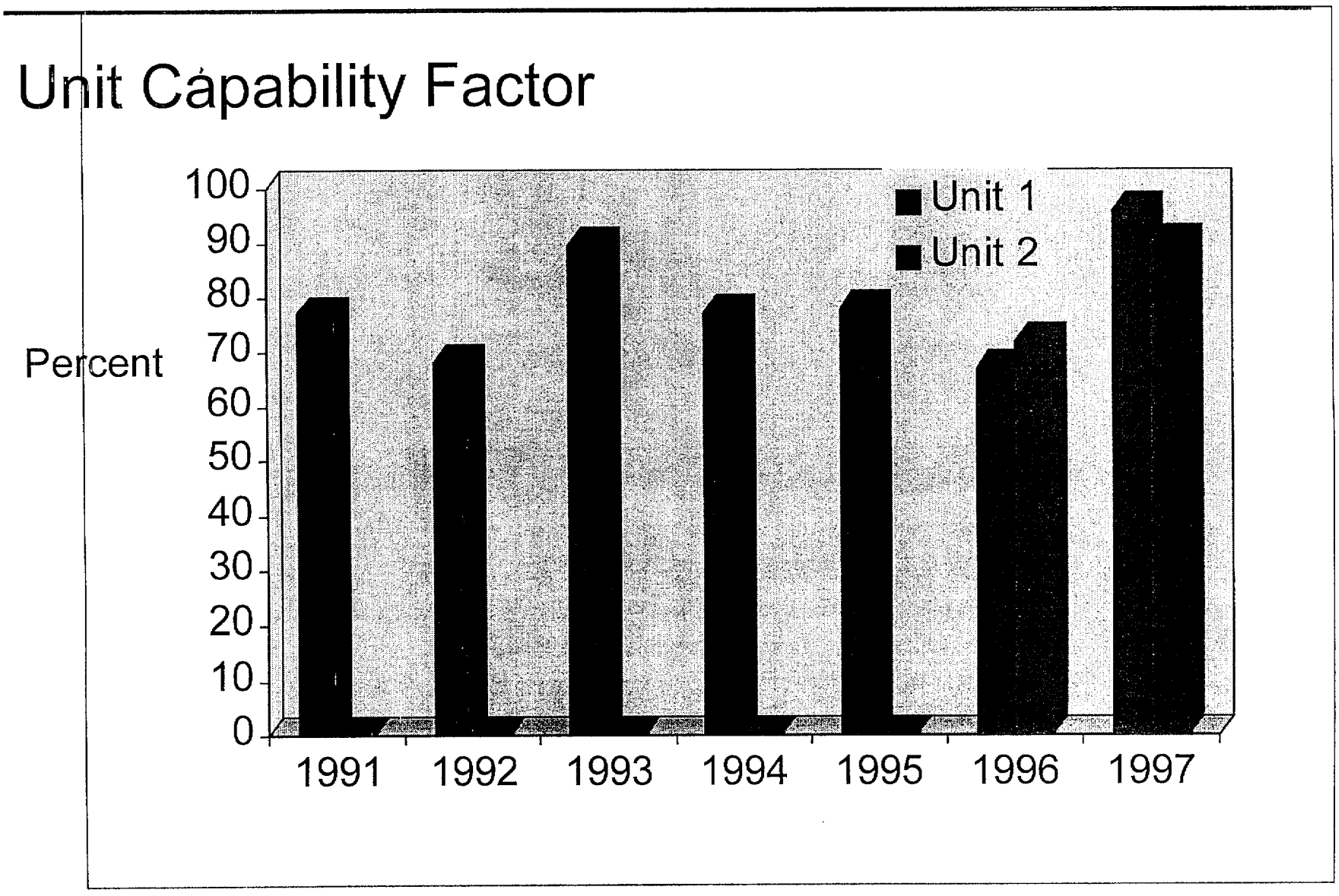
1997 Accomplishments

- Recipient of ISO 9001 accreditation
- Obtained CFE "Award For Quality"
- 358 days Unit 2 continuous operation
- Unit 2 outage in 33 days
- Dual unit capacity factor above 85%

1997 was a very good year!

50021.4

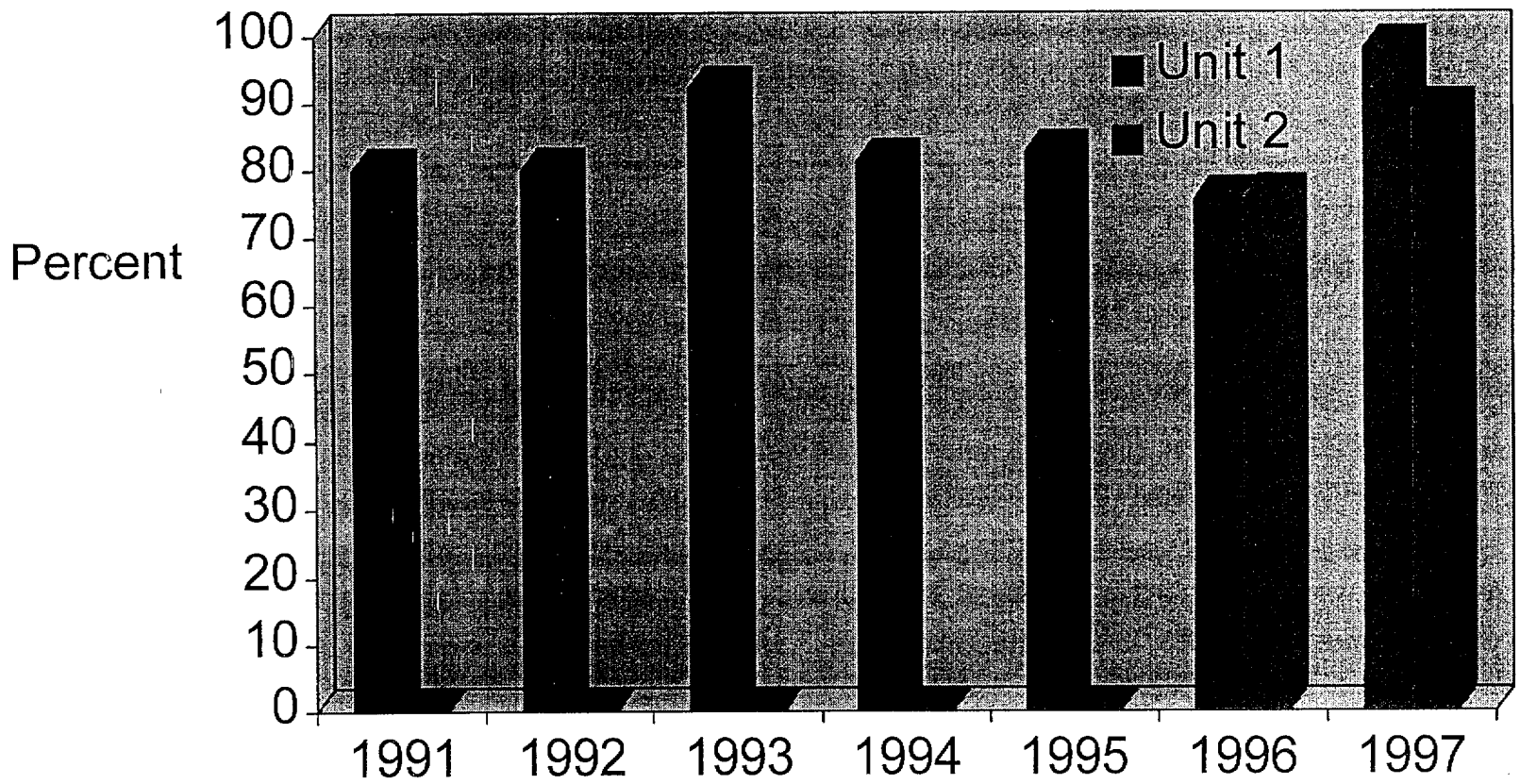
Central Laguna Verde



50021.5

Central Laguna Verde

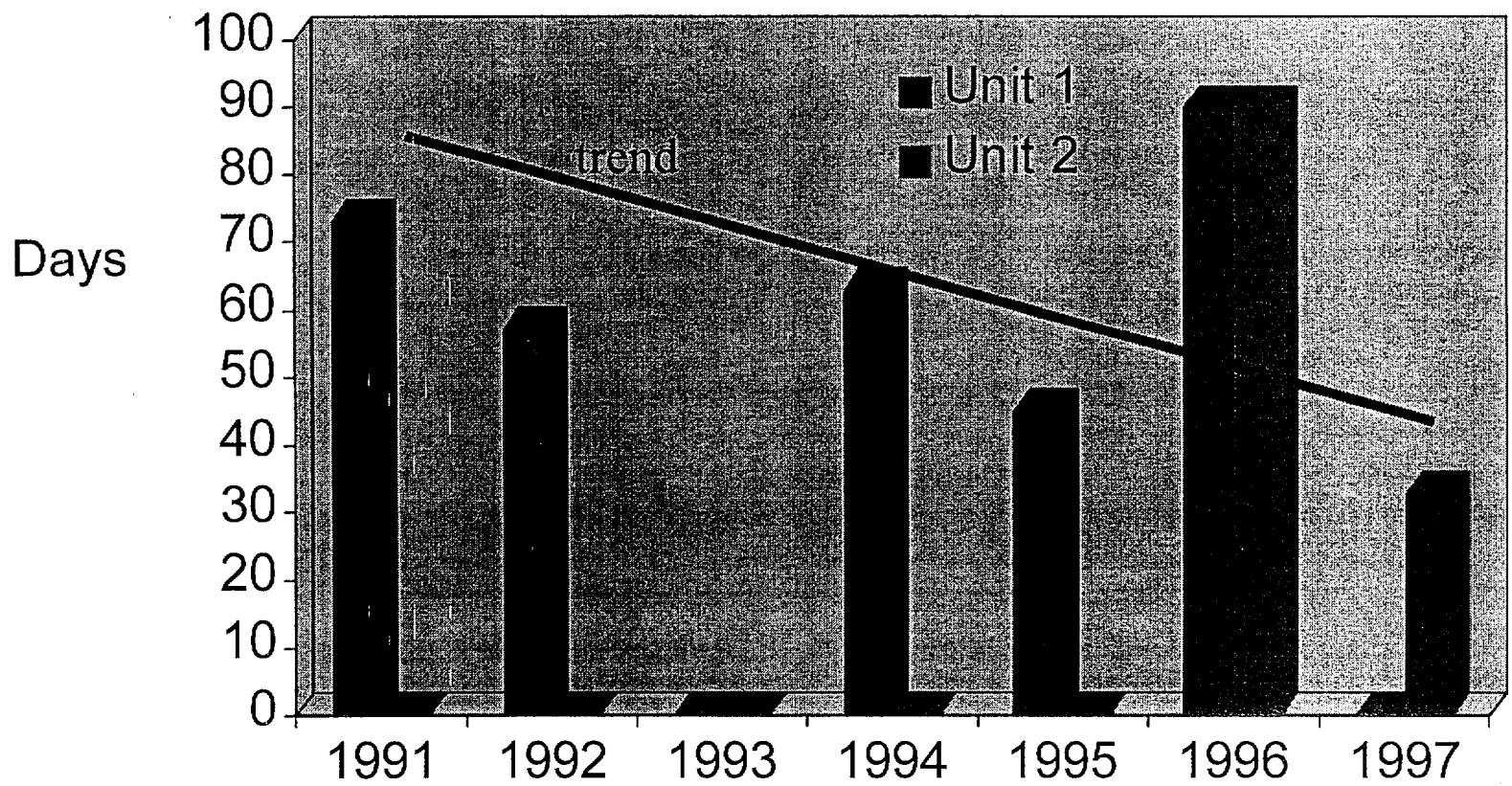
Unit Availability Factor



50021.6

Central Laguna Verde

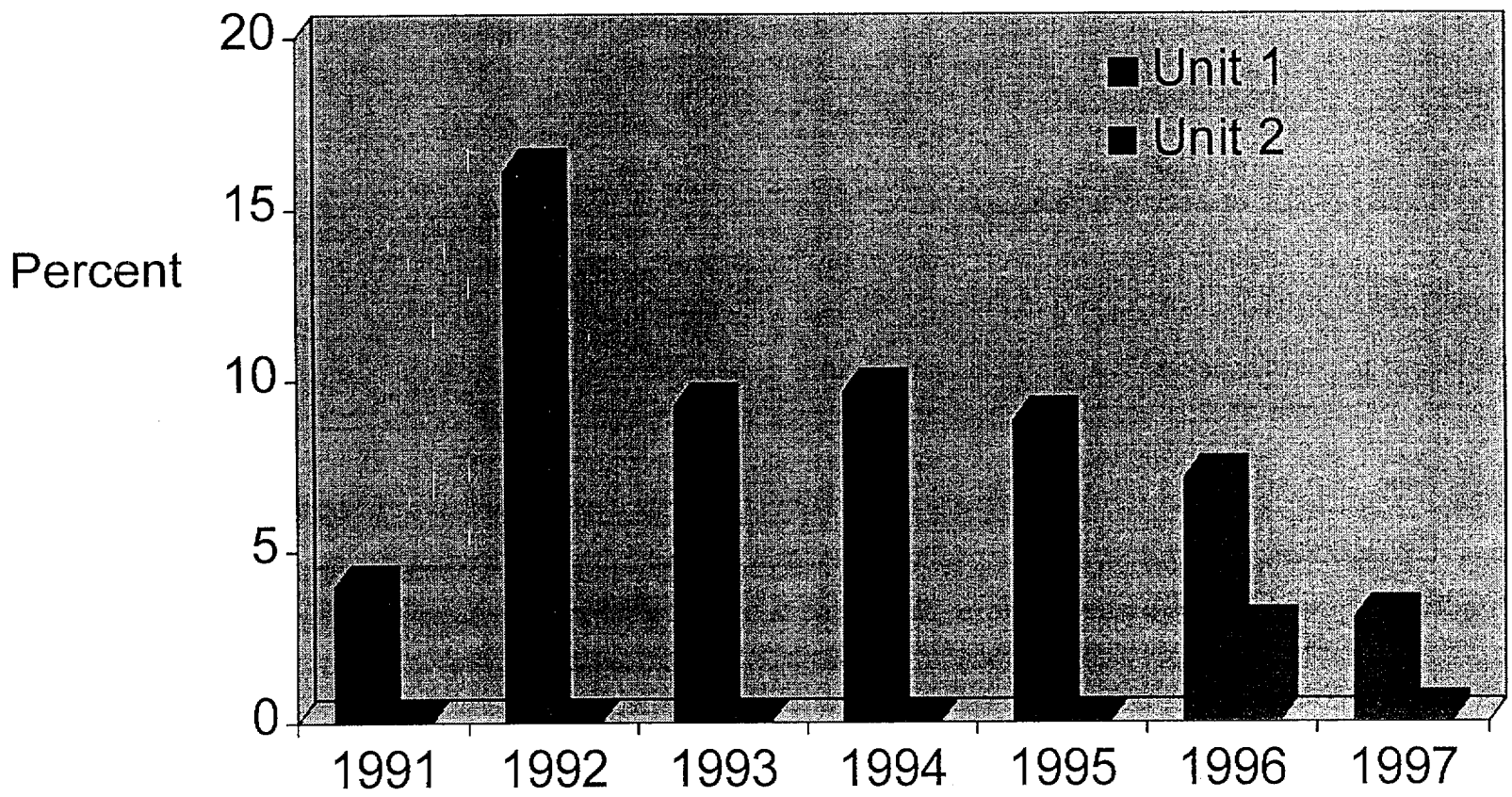
Outage Durations



50021.7

Central Laguna Verde

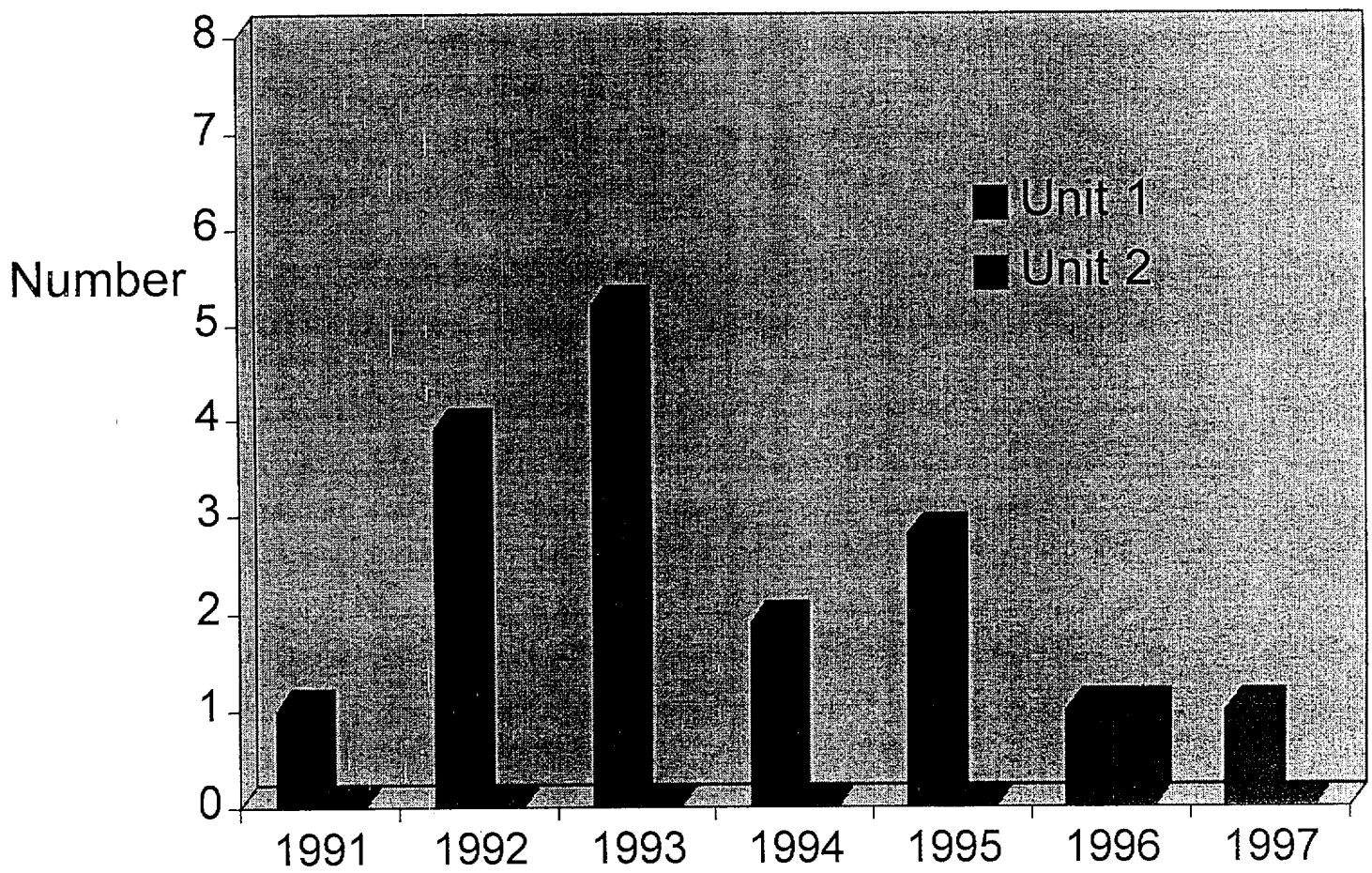
Unplanned Capability Loss



50021.8

Central Laguna Verde

Unit Unplanned Scrams per 7,000 Hrs Critical



50021.9

DATOS DE PRODUCCION

	CAP. INSTAL. MW	% CAP.	GEN. BRUTA GWh	% GEN.	FACTOR DE PLANTA %
CFE	33,943.95	100.000	106,046.65	100.000	53.58
HIDROELECTRICAS	9,761.11	28.757	18,075.43	17.045	31.76
TERMOELECTRICAS	22,122.30	65.173	77,014.96	72.624	59.70
NUCLEOELECTRICAS	*1,309.06*	*3.857*	*7,290.54*	*6.875*	95.51
GEOTERMICAS	749.90	2.209	3,664.03	3.455	83.79
EOLOELECTRICAS	1.58	0.005	1.69	0.002	18.34

NOTA:
Datos al 31 de agosto/97
EL FACTOR DE PLANTA FUE CALCULADO DE MANERA DIFERENTE A COMO SE CALCULA EL FACTOR DE CAPACIDAD EN LAGUNA VERDE, YA QUE NO SE TIENE INFORMACION ACERCA DE LAS PERDIDAS POR CAUSAS AJENAS DE LAS DEMAS PLANTAS, Y NO SE INCLUYERON PARA LAGUNA VERDE PARA PODER COMPARAR EN LOS MISMOS TERMINOS