

GUATEMALA

Power Production in kwh

Year	Total
1951	79,000,000

The source of power in Guatemala is primarily hydro-electric. The most important utility is Empresa Electrica de Guatemala, a subsidiary of American & Foreign Power Co., which supplies all power to Guatemala City and the surrounding area. It is building a new 3,000kw hydro-electric plant near Palin which should be in operation in 1954.

The principal public utility, Empresa Hidroelectrica del Estado, is also building a new hydro-electric plant which will supply an additional 1,800kw.

In spite of these additions, there is a serious shortage of facilities, and the authorities anticipate rationing electricity in the Guatemala City area this year. The Minister of Communications and Public Works has prepared a program calling for five new hydro-electric installations with a total capacity of 11,200kw. The program also includes plans for an additional 37,800kw later on.

UTILITY (and its plants)	LOCATION	TOWNS SERVED	CAPACITY (kw)
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EMPRESA ELECTRICA DE GUATEMALA, S.A.	Guat. C.		
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(Privately owned)

Officers

President -

Lee Whitbeck

Gen. Mgr.

Lee Whitbeck

Vice Pres.

Carlos Dorion

Chief Engr.

John D. Carver

Pur. Agent

Rodolfo Mac Donald

Supt. of Plants

Carlos Marroquin

A.C. Transmission

Voltages

66,000 volts

1/3 phase - 60 cycles

Total Number of Meters Served

20,817

GUATEMALA (Cont'd)

UTILITY (and its plants)	LOCATION	TOWNS SERVED	CAPACITY (kw)
<u>Power Plants</u>			
Esquintla	Ciudad Esquintla	Esquintla	680 (hydro)
Zapote	Guate. C.	Guatemala C. & surrounding area	360 (hydro)
El Salto	Esquintla	Guatemala C. & surrounding area	2,500 (hydro)
Palin	Palin	Guatemala C. & surrounding area	1,630 (hydro)
La Guna	Amatitlan	Guatemala C. & surrounding area	7,000 (steam)
San Luis	Esquintla	Guatemala C. & surrounding area	5,000 (hydro)

EMPRESA HIDROELECTRICA DEL ESTADO

Quezaltenango

(National Utility)

Officers
Minister of Comm. & Public Works
Col. Carlos Aladana Sandoval

A.C. Transmission Voltages
22,000 - 50,000 volts

Power Plants
Planta Nacional de Santa Maria

Quezaltenango Quezalteango Region 2,500 (hydro)

MUNICIPALITY OF RETALHULEU

Retalhuleu

(Municipal utility)

Power Plants
Retalhuleu Plang

Retalhulea Retalhuleu 200 (steam)

INTERNATIONAL RAILWAY OF CENTRAL AMER. S.A.

Guatemala C.

GUATEMALA (Cont'd)

UTILITY (and its plants) LOCATION	TOWNS SERVED	Capacity (kw)
(Privately owned)		
<u>Officers</u>		
<u>President</u>		
Thomas Bradshaw		
<u>Gen. Mgr.</u>		
Harold Hasse		

<u>Power Plants</u>			
<u>Power Plant</u>	Pureto Barrios	Puerto Barrios area	1,000 (diesel)

MUNICIPALITY OF ZACAPA	Zacapa		
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(Municipal utility)

<u>Power Plants</u>			
<u>Rio Hondo Plant</u>	Zacapa	Zacapa Area	600 (steam)

UNITED FRUIT CO.	Bananera		
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(Privately owned)

Officers
Gen Mgr.
 W.L. Tiallion

<u>Power Plants</u>			
<u>Power Plant</u>	Bananera	Bananera	1,150 (diesel)

COMPANIA AGRICOLA, S.A.	Tiquisate		
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(Privately owned)

Officers
Gen. Mgr.
 A.L. Bump

<u>Power Plants</u>			
<u>Power Plant</u>	Tiquisate	Tiquisate	900 (steam)

Estimated output per capita in 1951 was 27

POWER PRODUCTION			
Guatemala	Hydro	Thermal	Total
<u>Installed capacity</u>	39		39

Production (millions of Kwh)			
Guatemala	Hydro	Thermal	Total
79			79

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SOURCE:

DIRECTORY OF LATIN-AMERICAN POWER PLANTS
(1953 Edition)

Ingenieria Internacional
INDUSTRIA

Reference:

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915.735
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