

WATERPOWER OF THE UNITED STATES

State <u>Alaska</u>	Stream <u>Goulding Lake (Lower)</u>	Site <u>Lower Goulding Lake</u>	2592
County <u>First Judicial Division</u>		Owner _____	
Mer. _____ T. _____ R. <u>6</u> Sec. _____		Constructed _____	
Lat. <u>57 ° 47 ' "</u> Long. <u>130 ° 14 ' "</u>		Storage Pondage of _____ m ³	
Miles above mouth _____		Installed capacity _____ mw	
Drainage Area <u>27.1</u> sq. mi. <u>70.19</u> sq. km		Installable capacity _____ mw	

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m³/sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	43	1.2	97	29.6	32	9.8	65	19.8	0.24	
50	306	8.7							1.69	
mean	340	9.6							1.88	13,160

Remarks: **Chichagof Island - Sitka D-7**

WATERPOWER OF THE UNITED STATES

State Alaska Stream Goulding Lake (Lower) Site Lower Goulding Lake

County First Judicial Division

Mer. _____ T. _____ R. _____ Sec. _____

Lat. 57° 47' " Long. 130° 14' "

Miles above mouth _____

Drainage Area 27.1 sq. mi. 70.19 sq. km

Owner _____

Constructed _____

Storage Pondage — of _____ m³

Installed capacity _____ mw

Installable capacity _____ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m ³ /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	43	1.2	97	29.6	32	9.8	65	19.8	.238 .24	
50	306	8.7							1.691	
mean	340	9.6							1.878 .88	13,160

Remarks:

Set No D-7 - Chickagoy Island