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Revillagigeda Isl. - TONGASS NATL FOREST

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Form 9-1503

U.S. DEPARTMENT OF INTERIOR

Basin Index

(Feb. 1962)

GEOLOGICAL SURVEY

WATERPOWER OF THE UNITED STATES

State Alaska Stream Manzanita Creek Site Manzanita Lake No. 2 2552County First Judicial Division

Owner _____

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

Constructed _____

Lat. 55 ° 35.8 ' N " Long. 130 ° 58.6 ' W "Storage Pondage of 326,874,850 m³

Miles above mouth _____

Installed capacity _____ mw

Drainage Area 72.6 sq. mi. 188.03 sq. km

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	98	2.8	130	39.6	6	1.8	124	37.8	1.03	
50	455	12.9							4.80	
mean	500	14.2							5.27	36,890

Remarks:

Revillagigeda Island - Ketchikan C-3*See Water Power of SE Alaska" USFS, Dept, 1929, pg 57*Prepared by GCG Date _____

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Percent duration	cfs	m ³ /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	98	2.8	130	39.6	6	1.8	124	37.8	1.030	
50	455	12.9							4.780	4.80
mean	500	14.2							5.260	36,820

Remarks:

5.27
36,890

Ketchikan C-3