

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Site No 19050002-36 ²¹⁹ 2/3 ✓
Basin Index 14 KB

WATERPOWER OF THE UNITED STATES

State Alaska Stream Kenai River Site Stelter 2592

County _____ Owner _____

Mer. UTM 7-5 T. _____ R. _____ Sec. _____ Constructed _____

Lat. 60 ° 28 ' " Long. 150 ° 08 ' " Storage 1,120,000 of 1,381,508,800 m³

Miles above mouth _____ Installed capacity _____ mw

Drainage Area 848 sq.mi. 2,196.32 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	370	10.5	440	134.1	182	55.5	258	78.6	8.11	
50	2200	63.3			?				48.25	
mean	3700	105.1							81.14	567,980

Remarks: **Kenai B-1**

? = us at Skilok Lake (downstream) = Elev 195-205

Prepared by GCG Date _____

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U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

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14-KB

WATERPOWER OF THE UNITED STATES

State Alaska Stream Kenai River Site Stelter 2592

County _____	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed <u>1,381,508,800.</u>
Lat. <u>60° 28'</u> " Long. <u>150° 08'</u> "	Storage <u>1,120,000</u> af <u>138,150,880.</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>848</u> sq.mi. <u>2,196.32</u> 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	370	10.5	440	134.1	182	55.5	258	78.6	8,114	
50	2200	63.3							48,246	
mean	3700	105.1							81,141	567,987.

Remarks:

567,987

Prepared by _____ Date _____

Kerai β -1