

WATERPOWER OF THE UNITED STATES

State Alaska Stream Finger Lake Site Finger Lake 2592

County <u>First Judicial Division</u> Mer. _____ T. _____ R. _____ Sec. _____ Lat. <u>56</u> ° <u>36.3</u> ' " Long. <u>134</u> ° <u>40.8</u> ' " Miles above mouth _____ Drainage Area <u>1.5</u> sq. mi. <u>3.89</u> sq. km	Owner _____ Constructed _____ Storage <u>5,000</u> af <u>6,167,450</u> m ³ Installed capacity _____ mw Installable capacity _____ mw
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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	5	0.1	800	243.8			800	243.8	0.34	
50	27	0.8							1.84	
mean	30	0.9							2.04	14,280

Remarks: **Baranof Island - Port Alexander C-3**

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WATERPOWER OF THE UNITED STATES

State Alaska Stream Finger Lake Site Finger Lake

County <u>First Judicial Division</u>				Owner _____			
Mer. _____ T. _____ R. _____ Sec. _____		Constructed <u>6,167,450</u>		Storage <u>5,600</u> af <u>1,167,450</u> m ³		Installed capacity _____ mw	
Lat. <u>56° 36.3'</u> " Long. <u>134° 40.8'</u> "		Miles above mouth _____		Installable capacity _____ mw			
Drainage Area <u>1.5</u> sq.mi. <u>3.89</u> sq. km							

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	5	.1	800	243.8			800	243.8	.340	
50	27	.8							1836.84	
mean	30	.9							2040	14,280

Remarks:

Port Alexander C-3