

WATERPOWER OF THE UNITED STATES

State Alaska Stream Eagle River Site Eagle River #1

County _____ Mer. <u>Seward T. 14 N</u> R. <u>2 W</u> Sec. <u>13</u> Lat. <u>61 ° 18 ' 20 " N</u> Long. <u>149 ° 39 ' 30 " W</u> Miles above mouth _____ Drainage Area <u>200</u> sq. mi. <u>590.0</u> sq. km	Owner _____ Constructed _____ Storage <u>150,000</u> af <u>185,023,500</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	38	1.1	450	137.2	260	79.2	190	57.9	0.61	
50	290	8.2							4.68	
mean	455	12.9							7.35	51,450

Remarks:

Under FPC permit - questionable geologic feasibility

Anchorage B-7 quadrangle