

## WATERPOWER OF THE UNITED STATES

State Alaska Stream Eklutna Lake Site Eklutna 2592

County <u>Third Judicial Div.</u>	Owner <u>Bureau of Reclamation</u>
Mer. <u>T.</u> R. <u></u> Sec. <u></u>	Constructed <u></u>
Lat. <u>61 ° 28 ' "</u> Long. <u>149 ° 08 ' "</u>	Storage <u>160,000</u> af <u>197,358,400</u> m <sup>3</sup>
Miles above mouth <u></u>	Installed capacity <u>30.00</u> mw
Drainage Area <u>119</u> sq. mi. <u>308.2</u> sq. km	Installable capacity <u></u> mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	<u>72</u>	<u>2.04</u>	<u>848</u>	<u>258.5</u>	<u>0</u>	<u>0</u>	<u>848</u>	<u>258.5</u>	<u>5.19</u>	
50	<u>138</u>	<u>3.91</u>							<u>9.95</u>	
mean	<u>346</u>	<u>9.80</u>							<u>24.94</u>	<u>174,580</u>

Remarks: Anchorage B-6