

## WATERPOWER OF THE UNITED STATES

State <u>Alaska</u>	Stream <u>Slide Lake</u>	Site <u>Slide Lake</u>	2592
County <u>First Judicial Division</u>		Owner _____	
Mer. <u>T.</u>	R. _____	Constructed _____	
Lat. <u>57° 59.5'</u>	Long. <u>134° 21.2'</u>	Storage <u>15,000</u> of <u>18,502,350</u> m <sup>3</sup>	
Miles above mouth <u>30 00</u>		Installed capacity _____ mw	
Drainage Area <u>13.9</u> sq. mi.	<u>36.00</u> sq. km	Installable capacity _____ 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	10	0.3	550	167.6			550	167.6	0.47	
50	72	2.0							3.37	
mean	85	2.4							3.97	27,790

Remarks: Admiralty Island - Sitka D-2

Juneau A-2

*admiralty 90*

*13 B0*

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State Alaska Stream Slide Lake Site Slide Lake 2592

County <u>First Judicial Division</u>				Owner _____	
Mer. _____ T. _____ R. _____ Sec. _____	Constructed <u>18,502,350</u>				
Lat. <u>57° 59.5'</u> " Long. <u>134° 21'</u> "	Storage <u>15,000</u> of <u>3,502.35</u> m <sup>3</sup>				
Miles above mouth _____	Installed capacity _____ mw				
Drainage Area <u>13.9</u> sq. mi. <u>36.00</u> sq. km	Installable capacity _____ 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>10</u>	<u>.3</u>	<u>550</u>	<u>167.6</u>			<u>550</u>	<u>167.6</u>	<u>.467</u>	<u>.47</u>
50	<u>72</u>	<u>2.0</u>							<u>3366</u>	<u>.37</u>
mean	<u>85</u>	<u>2.4</u>							<u>3974</u>	<u>87,790</u>

Remarks:

Suba D-2