

WATERPOWER OF THE UNITED STATES

State <u>Alaska</u>	Stream <u>Sheep River</u>	Site <u>Sheep River</u>
County _____		Owner _____
Mer. _____ T. _____ R. _____ Sec. _____		Constructed _____
Lat. <u>62</u> ° <u>18</u> ' <u>40</u> " Long. <u>149</u> ° <u>28</u> ' _____ "		Storage <u>520,000</u> af <u>641,414,800</u> m ³
Miles above mouth _____		Installed capacity _____ mw
Drainage Area <u>368</u> sq.mi. <u>1085.6</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	65	1.8	1450	442.0	690	210.3	760	231.6	4.21	
50	260	7.4							16.78	
mean	750	21.2							48.40	338,800

Remarks:

Heavy silt load reported by U.S. Corps of Engrs.

Talkeetna Mtns. B-5 quadrangle