

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

209
Busin Index 14-KB

WATERPOWER OF THE UNITED STATES

State Alaska

Stream Ptarmigan Creek

Site Ptarmigan Lake

County _____ Owner _____
Mer. _____ T. _____ R. _____ Sec. _____ Constructed _____
Lat. 60 ° 27 ' 50 " Long. 149 ° 21 ' 20 " Storage 37,000 af 45,639,130 m³
Miles above mouth _____ Installed capacity _____ mw
Drainage Area 30 sq.mi. 77.70 sq. km Installable capacity _____ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m³/sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	9	0.3	806	245.7	438	133.5	368	112.2	0.28	
50	53	1.5							1.66	
mean	102	3.1							3.19	22.330

Remarks: Seward B-7 quadrangle

Prepared by G.C.G. Date _____