

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

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Basin Index 13 C D

WATERPOWER OF THE UNITED STATES

State	Alaska	Stream	Neck Island Lake	Site	Neck Island Lake	2592
County	First Judicial Division			Owner		
Mer.	T.	R.	Sec.	Constructed		
Lat.	56 ° 06 ' "	Long.	133 ° 08.1 ' "	Storage	60,000	af 74,009,400 m ³
Miles above mouth				Installed capacity	mw	
Drainage Area	18	sq. mi.	4.66 46.66	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	22	0.6	145	44.2	25	7.6	120	36.6	0.22	
50	153	4.3							1.56	
mean	170	4.8							1.73	12,110

Remarks: Prince of Wales Island - Petersburg A-4

Prepared by GCG Date

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GEOLOGICAL SURVEY

Basin Index 13 CD

WATERPOWER OF THE UNITED STATES

State Alaska Stream Neck Island Lake Site Neck Island Lake

County First Judicial Division Owner _____

Mer. _____ T. _____ R. _____ Sec. _____ Constructed 74009 400

Lat. 56 ° 06 ' " Long. 133 ° 08.1 ' " Storage 60,000 af 27,009.40 m³

Miles above mouth _____ Installed capacity _____ mw

Drainage Area 18 sq. mi. 46.66 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	22	0.6	145	44.2	25	7.6	120	36.6	.224	
50	153	4.3							1560	
mean	170	4.8							1734	12,110

Remarks:

Prepared by _____ Date _____

Petersburg A. 4