

WATERPOWER OF THE UNITED STATES

State Alaska Stream Totatlanika Creek Site Totatlanika Creek

County _____	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>64</u> ° <u>13</u> ' <u>30</u> " Long. <u>148</u> ° <u>44</u> ' <u>30</u> "	Storage <u>70,000</u> of <u>86,344,300</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>240</u> sq.mi. <u>622</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		
<u>95</u>	<u>18</u>	<u>0.5</u>	<u>1550</u>	<u>472.4</u>	<u>800</u>	<u>243.8</u>	<u>750</u>	<u>228.6</u>	<u>1.15</u>	
<u>50</u>	<u>110</u>	<u>3.1</u>							<u>7.01</u>	
<u>mean</u>	<u>250</u>	<u>7.1</u>							<u>15.94</u>	<u>111,580</u>

Remarks: Fairbanks A-4 quadrangle