

WATERPOWER OF THE UNITED STATES

State Alaska-Tanana Stream Chena River Site Chena River 1592

County _____	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>64</u> ° <u>54</u> ' <u>146</u> " Long. <u>22</u> ° <u>00</u> ' "	Storage <u>320,000</u> af <u>394,716,800</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>950</u> sq.mi. <u>2460.5</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	105	3.0	900	274.3	746	227.4	154	46.9	1.37	
50	416	11.8							5.45	
mean	905	25.6							11.85	82,950

Remarks: Total storage 595,000 acre-feet

Big Delta D-5 quadrangle