

WATERPOWER OF THE UNITED STATES

State Alaska Stream Chandalar River Site East Fork 1592

County _____ Mer. _____ T. _____ R. _____ Sec. _____ Lat. <u>67 ° 14 ' "</u> Long <u>147 ° 09 ' "</u> Miles above mouth _____ Drainage Area <u>5,344</u> sq. mi. <u>13,841</u> sq. km	Owner _____ Constructed _____ Storage <u>3,000,000</u> af <u>3,700,470,000</u> m ³ Installed capacity _____ mw Installable capacity _____ mw
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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	88	2.49	1200		900		300		2.24	
50	1330	37.66							33.92	
mean	3700	104.77							94.35	

Remarks: Chandalar Recon. quadrangle
 Development improbable because of conflict of land use with Indian Reservation
 Total storage 5,839,000 acre-feet