

## WATERPOWER OF THE UNITED STATES

State <b>Alaska</b>	Stream <b>Leduc Lake</b>	Site <b>Leduc Lake</b>	2592
County <b>First Judicial Division</b>		Owner _____	
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____		
Lat. <b>55</b> ° <b>56</b> ' " Long. <b>130</b> ° <del><b>51</b></del> ' "	Storage <b>10,000</b> of <b>12,334,900</b> m <sup>3</sup>		
Miles above mouth _____ 48	Installed capacity _____ mw		
Drainage Area <b>7.26</b> sq. mi. <b>18.80</b> sq. km	Installable capacity _____ mw		

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	<b>6</b>	<b>0.2</b>	<b>1400</b>	<b>427.0</b>	<b>95</b>	<b>29.1</b>	<b>1305</b>	<b>398.0</b>	<b>0.67</b>	
50	<b>58</b>	<b>1.6</b>							<b>6.43</b>	
mean	<b>65</b>	<b>1.8</b>							<b>7.21</b>	<b>50,470</b>

Remarks: **Ketchikan D-3 Quad.**

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State Alaska Stream Leduc Lake Site Leduc Lake 2592

County First Judicial Division Owner \_\_\_\_\_  
 Mer. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ Sec. \_\_\_\_\_ Constructed \_\_\_\_\_  
 Lat. 55° 56' " Long. 130° 48' " Storage 10,000 af 12,334,900 m<sup>3</sup>  
 Miles above mouth \_\_\_\_\_ Installed capacity \_\_\_\_\_ mw  
 Drainage Area 7.26 sq.mi. 1880.3 sq.km Installable capacity \_\_\_\_\_ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	6	.2	1400	427.0	95	29.1	1305	398.0	.67	.666
50	58	1.6 <sup>30</sup>								64.34
mean	65	1.8 <sup>2.0</sup>								7210

Remarks:

Ketchikan D-3