

**Buford Major Rehabilitation Study (1996) and 11th Circuit Hydropower Report (June 2012) Comparison**

The rehab study is compared to the 11th Circuit Hydropower Report for capacity and energy values along with other pertinent project information.

	Original Project Data	1996 Rehab Study		11th Circuit Hydropower Report	
<i>Buford:</i>		No Action Alternative	Proposed Alternative	"Current" Operations	Proposed Alternative
Marketable Capacity (MW)				105	105
Installed Capacity (MW)	110/99/86 <sup>a</sup>			125	125
Number of Units	2+1			2+1	2+1
Energy Benefits					
Dependable Capacity (MW)		99.27	123.53		
<i>Buford:</i>					
Energy (MWh)	199,970 <sup>b</sup>	148,000 <sup>c</sup> / 140,505 <sup>d</sup>	160,494 <sup>e</sup>	122,500 <sup>f</sup>	
Dependable Capacity (MW)					
Energy Benefits					

<sup>a</sup> Installed capacity at unity power factor/at rated power factor (0.9) / at rated net head

<sup>b</sup> Page xiii Reab Study

<sup>c</sup> Rehab Study Page 5 para. 2.3

<sup>d</sup> Table 5-5 Rehab Study Base Condition

<sup>e</sup> Recommended Alternative 10, 15, 20 New turbines, new generators and replace shafts

<sup>f</sup> Hydropower Study 11th Circuit Report, Page 12