

Holliday, Michael

From: Dala Walton [DWALTON@pn.usbr.gov]
Sent: Friday, December 16, 2005 7:41 AM
To: Michael.Holliday@idwr.idaho.gov
Cc: E. Gail McGarry
Subject: Unit 7 Minidoka Dam 01-4025



Unit 7 CFS.pdf

Michael - Attached is a power curve for Units 1-6 and a table for Unit 7. The powerplant operators did not have a curve for Unit 7.

Units 1-6 at maximum head use 3700 cfs.

Unit 7 at full load, 5.6 megawatts, discharges 1605 cfs.

Hope this helps.

UNIT-7 DISCHARGE @ FULL LOAD

	* 5.6 - 1605	4.5 - 1310	3.4 - 1120
6 STATOR TEMP	5.5 - 1570	4.4 - 1295	3.3 - 1105
	5.4 - 1535	4.3 - 1280	3.2 - 1085
Norm-	5.3 - 1500	4.2 - 1260	3.1 - 1070
Max- 125	5.2 - 1450	4.1 - 1245	3.0 - 1050
	5.1 - 1430	4.0 - 1225	2.9 - 1035
6 BEARING TEMP	5.0 - 1405	3.9 - 1210	2.8 - 1015
	4.9 - 1380	3.8 - 1190	2.9 - 995
Norm-	4.8 - 1360	3.7 - 1175	2.8 - 980
Max- 80	4.7 - 1345	3.6 - 1150	2.7 - 960
	4.6 - 1325	3.5 - 1140	2.6 - 945
7 STATOR TEMP			

Norm-
Max- 100

7 BEARING TEMP

Norm-
Max- 70

OPTIONAL FORM 50 (7-90)

FAX TRANSMITTAL

Page 1 of 1

To: Dave Cotton	From:
Dest/Agency:	Phone #
Fax #	Fax #
RSN 7546-01-317-7100 5005-101 GENERAL SERVICES ADMINISTRATION	

HANDY WATER EQUIVALENTS FOR REFERENCE

The following is a guide for expressing amounts of water in various equivalents:

1 cubic foot.....7.48 gallons.....62.4 lbs. Of water
1 acre-foot.....43,560 cubic feet.....325,900 gallons

An acre-foot covers one acre of land one foot deep.

1 cubic foot per second (cfs).....450 gallons per minute
1 cfs.....646,360 gallons per day

For 24 hours.....1.983 acre-feet
For 30 days.....59.5 acre-feet
For 1 year.....724 acre-feet

1 million gallons.....3.07 acre-feet
1,000 gallons per minute (gpm).....2.23 cfs
1,000 gpm.....4.42 acre-feet per day
10c per 1,000 gallons.....\$32.59 per acre-foot

An acre-foot supplies family of 5 for 1 year

