FILE

STATEMENT OF CLAIM

*76L *

94408

00

Box Bar Code _____

File Bar Code _____

Date/Initials _____

Form No. 76-O R2/80

Kerr

RECEIVED

MAY 22 1982

DEPT. OF NATURAL RESOURCES AND CONSERVATION

STATEMENT OF CLAIM FOR EXISTING WATER RIGHTS

76L

OTHER USES

For the Water Courts of the State of Montana

LA-C 94408

05-021-01-01

40.00

1. **Owner of Water Right** THE MONTANA POWER / COMPANY / (Last / First / Middle Initial)

Co-Owner or Other Interest Owner NOT APPLICABLE / / (Last / First / Middle Initial)

Address 40 East Broadway

City Butte State Montana Zip Code 59701

Home Phone No. NOT APPLICABLE Business Phone No. 723-5421

2. **Person completing form** Zimmerman / Michael / E. (Last / First / Middle Initial)

Address 40 East Broadway

City Butte State Montana Zip Code 59701

Home Phone No. 723-7738 Business Phone No. 723-5421, Ext. 2404

3. **Use:** (Check Only One)

FR ☐ Fish Raceways	GE ☐ Geothermal	MN ☐ Mining
FW ☐ Fish & Wildlife	NV ☐ Navigation	PG ☒ Power Generation
CM ☐ Commercial	FP ☐ Fire Protection	RC ☐ Recreation
IN ☐ Industrial	AS ☐ Agricultural Spraying	OT ☐ Other
MC ☐ Municipal	OF ☐ Oil Well Flooding	Explain

4. **Source of Water:** (Check Only One)

☐ Spring Name

☐ Well Name

☒ Stream Name Flathead River Tributary of

☐ Lake Name Stream

Tributary of

☐ Reservoir Name Stream

Tributary of

5. **Point of Diversion:** County Lake County

¼ SE ¼ SW ¼, Section 12, T 22 N/S, R 21 E/W

Lot , Block , Subdivision

6. **Means of Diversion:**

☐ Well

☐ Pump Capacity gpm

☐ Headgate with ditch or pipeline

☐ Instream use

☒ Other Explain Kerr Dam

DM

7. **Means of Conveyance:**

☐ Ditch ☐ Instream

☐ Pipeline ☒ Other: Penstocks

8. **Place of Use:** County Lake County

☐ Instream ☐ City or Town ☐ Other Explain _____

Lot, _____ Block, _____ ¼ SW ¼ SW ¼, Section 12, T 22 N/S, R 21 E/W

Lot, _____ Block, _____ ¼ _____ ¼ _____ ¼, Section _____, T _____ N/S, R _____ E/W

Lot, _____ Block, _____ ¼ _____ ¼ _____ ¼, Section _____, T _____ N/S, R _____ E/W

Lot, _____ Block, _____ ¼ _____ ¼ _____ ¼, Section _____, T _____ N/S, R _____ E/W

Lot, _____ Block, _____ ¼ _____ ¼ _____ ¼, Section _____, T _____ N/S, R _____ E/W

Subdivision _____

9. **Flow rate claimed:** 14,540

☒ cubic feet per second
☐ gallons per minute
☐ miner's inches

10. **Volume claimed:** 614,200 acre-feet per year *Non-consumptive

11. **Period(s) of use:** Jan. / 1 (Month / Day) to Dec. / 31 (Month / Day)

12. **Check one:**

☐ Decreed Water Right
☒ Filed Appropriation Right
☐ Use Water Right

Priority date or date of first use: Hour / April (Month) / 3 (Day) / 1920 (Year)

13. **Attach** copies of the Decree, Record of Filing or Proof of Use Right

14. **Attach** copies of aerial photographs, U.S Geological Survey maps or such other documents necessary to show point of diversion, place of use, place of storage, and conveyance facilities

*See attached Exhibits ____ through ____.

15. **Notarized Statement signed by claimant.** See attached continuation sheet.

STATE OF MONTANA)
ss.
County of _____)

I, _____, having been duly sworn, depose and say that I, being of legal age and being the claimant of this claim of existing water right, and the person whose name is signed to it as the claimant, know the contents of this claim and the matters and things stated there are true and correct

_____

_____

Subscribed and sworn before me, this _____ day of _____ 19____

_____
Notary Public for the State of Montana

Residing at _____

My Commission expires _____

76L-C (4)

94408

IN THE CLARK FORK RIVER BASIN
WATER COURT OF THE STATE OF MONTANA

STATEMENT OF CLAIM FOR EXISTING
WATER RIGHTS

Place: Kerr Dam
Filed by: The Montana Power Company

CONTENTS OF THE CLAIM

STATEMENT OF CLAIM FOR
EXISTING WATER RIGHTS

94408

INTRODUCTION

KERR DAM

In 1930, the Federal Power Commission issued a license to the Rocky Mountain Power Company, a subsidiary of The Montana Power Company, for the construction of Kerr Dam. Construction started in 1931 and was completed in 1938.

The dam is a concrete arch dam 204 feet high and 800 feet long. It provides usable storage of 614,700 second foot days. The powerhouse at Kerr Dam contains three generators rated at a total of 180 MW capacity.

Two appropriations for water use at Kerr Dam were filed:

(1) J. E. Bell
April 3, 1920
50,000 cfs/Flathead River
Filed at Vol. 129, of Water Rights, Page 469
Records of Flathead County

(2) Rocky Mountain Power Company
March 10, 1928
50,000 cfs/Flathead River
Filed at Vol. 3, Misc., Page 50
Records of Lake County

The attached claim forms and supporting exhibits detail The Montana Power Company's existing water rights claimed for the Kerr Development.

94408 Exhibit_____

KERR APPROPRIATION EXHIBIT

Table of Contents

TAB A: Appropriation. Filed by J. E. Bell; April 3, 1920. Vol. 129, of Water Rights, Page 469, Records of Flathead County.

TAB B: Appropriation. Filed by Rocky Mountain Power Company; March 10, 1928. Vol. 3, Misc., Page 50, Records of Lake County.

MEZ11C

94408

AFFIDAVIT

I, Ray C. Campana, being first duly sworn, depose and say that I was employed by The Montana Power Company, 40 E. Broadway, Butte, Montana 59701 to research the title records of the following water appropriation:

Date of Appropriation: April 3, 1920

Date of Recording : April 9, 1920

Recorded at: Book : 129, Water Rights

Page : 469

County: Flathead

Quantity of Water Appropriated: 50,000 cfs

Appropriator: J. E. Bell

Place of Appropriation: Flathead River

Purpose: Power Generation

My research reveals that the following records trace the chain of title for this appropriation from the above noted appropriator to The Montana Power Company through the following records:

GRANTOR	GRANTEE	DATE	RECORDING BOOK	RECORDING PAGE
J. E. Bell	Rocky Mountain Power Co.	April 19, 1920	92	22
Rocky Mountain Power Co.	The Montana Power Co.	August 31, 1938	229	485

Ray C. Campana

Ray C. Campana

94408

STATE OF MONTANA)
) ss.
County of Silver Bow)

On this 24th day of Nov., 1981, before me, the undersigned, a Notary Public in and for the State of Montana, personally appeared RAY C. CAMPANA, known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same.

Mari M. Stosich
Notary Public in and for the
State of Montana
Residing at Butte
My Commission expires 6/9/84

MEZ11E

#1 NOTICE OF APPROPPIATION.

94408

State of Montana, } SS.
County of Flathead.)

TO ALL WHOM THESE PRESENTS MAY CONCERN, BE IT KNOWN that J. E. Bell of Silver Bow County in said State, does hereby publish and declare, as a legal notice to all the world as follows, to-wit;

I. That he has a legal right to use, possession and control of and claim all of the waters of Flathead river, or 2,000,000 miners' inches (50,000 cubic feet per second) in said County and State for irrigation, generation of power, and other useful and beneficial purposes.

II. That the purpose for which said water is claimed and appropriated are to use, sell and dispose of the same for all useful and beneficial purposes, including irrigation and the supply of water for domestic, private and public uses, and the manufacturing, producing, storing, transmitting, conveying, selling and supplying electric energy for light, heat and power for use, distribution and application to industrial, municipal, domestic and any and all other purposes, public and private, to which the same can be applied, including railways, mines, smelters and mills, manufacturing plants, and telegraph and telephone lines in the State of Montana and elsewhere, whenever and wherever the said water or energy derived therefrom can be made applicable for any useful or beneficial purpose.

That the place of use and intended use of said water is in Section 12, Township 22 North, Range 24 West of the Principal Meridian of Montana.

III. That the means of diversion of said water for the purposes aforesaid will be a dam dams, flumes and pipes capable of carrying all of the waters of Flathead river as above stated, and with all the appurtenances, machinery, appliances, and works in connection therewith, or which may hereafter be constructed and used in connection therewith.

IV. J. E. Bell appropriated and took said water on the 3rd day of April, A. D. 1920.

V. That the name of the appropriator of said water is J. E. Bell of Silver Bow County, State of Montana.

VI. That J. E. Bell also claims the right to keep in repair and enlarge said means of water appropriation at any time and the right to exercise all lawful rights of use, ownership and disposition of said water right and appropriation.

VII. The name of the stream from which said appropriation and diversion is made is the Flathead River.

VIII. An accurate description of the point of diversion on said Flathead river is as follows;

Said point of diversion is located in S.W. Quarter of Section 12, Township 22 North, Range 24 West of the Montana Meridian, and a distance of 2300 feet in a N.30° E. direction from the Southwest Corner of Section 12, Twp. 22 North, Range 24 West, M.P.M.

(A natural object or permanent monument.)

(1)

470

CLAIMING THE SAME, all and singular, under any and all acts, National and State and all rulings and decisions thereunder, in the matter of water rights.

TOGETHER WITH all and singular, the hereditaments and appurtenances thereto belonging and appertaining, or to accrue to the same.

Witness my hand at Polson, Montana, this 3rd day of April, Nineteen Hundred and Twenty (1920).

Signed J. E. Bell

State of Montana)
) SS.
County of Flathead)

J. E. Bell, being first duly sworn, deposes and says that he is a citizen of the United States, a resident of the State of Montana, and over the age of twenty-one years; that he is the locator, appropriator, and claimant of the water and water rights claimed by the foregoing notice of appropriation, and that he had read said notice and knows the contents thereof, and that the matters and facts contained in said notice are true.

94408

J. E. Sell

Subscribed and sworn to before me this 9day of April, A. D. 1920.

(The Seal of Flathead County)
(State of Montana.)

S. C. Bibee, County Clerk for Flathead County , residing at Kalispell, Flathead County, Montana.
A. C. Hanson, Deputy.

Filed for record April 9, 1920 at 9.00 A. M.

S. C. Bibee, County Recorder. BY A. C. Hanson, Deputy. Recpt. No. 1372.

STATE OF MONTANA, } SS.
County of Flathead

I, [signature] County Clerk and Recorder, in and for the said County of Flathead, State of Montana hereby certify the annexed and following to be a full, true and correct copy of a certain Notice of Appropriation together with the endorsement thereon, as the same appears of record in this office.

Witness my hand and seal of said Flathead County, Montana, affixed this 29 day of July A. D. 19 81

[signature]
County Clerk and Recorder

[signature] Deputy

94408

AFFIDAVIT

I, Ray C. Campana, being first duly sworn, depose and say that I was employed by The Montana Power Company, 40 E. Broadway, Butte, Montana 59701 to research the title records of the following water appropriation:

Date of Appropriation: March 10, 1928

Date of Recording : March 10, 1928

Recorded at: Book : 3, Misc.

Page : 50

County: Lake

Quantity of Water Appropriated: 50,000 cfs

Appropriator: Rocky Mountain Power Co.

Place of Appropriation: Flathead River

Purpose: Power Generation

My research reveals that the following records trace the chain of title for this appropriation from the above noted appropriator to The Montana Power Company through the following records:

GRANTOR	GRANTEE	DATE	RECORDING BOOK	RECORDING PAGE
Rocky Mountain Power Co.	The Montana Power Co.	August 31, 1928	229	485

Ray C. Campana

Ray C. Campana

94408

STATE OF MONTANA)
) ss.
County of Silver Bow)

On this 24th day of Nov., 1981, before me, the undersigned, a Notary Public in and for the State of Montana, personally appeared RAY C. CAMPANA, known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same.

Marie M. Stosich
Notary Public in and for the
State of Montana
Residing at Butte
My Commission expires 6/9/84

MEZ11E-3

LFH #6

Sec. 12

M. M. Kline,

Subscribed and sworn to before me this 28th day of February, 1928.

(SEAL OF DISTRICT COURT LAKE COUNTY) (JUDICIAL DISTRICT, LAKE COUNTY MONTANA.)

D. A. Cubbage, Clerk District Court

By Stella M. Uoham, Deputy.

Recorded March 5th, A. D. 1928, at 2:05 o'clock P. M.

C. T. Lyman, County Clerk and Recorder, By B. L. Kerns, Deputy.

Water Right. 3/10/28 Book 3 Page 50

14145

NOTICE OF APPROPRIATION.

State of Montana, } SS:
County of Lake }

TO ALL WHOM THESE PRESENTS MAY CONCERN. BE IT KNOWN that ROCKY MOUNTAIN POWER COMPANY, a Delaware Corporation, of Silver Bow County, in said State, does hereby publish and declare as a legal notice to all the world as follows; to-wit:

I.

That it has a legal right to use, possession and control of and claim all of the waters of Flathead river, or 2,000,000 miners' inches (50,000 cubic feet per second) in said County and State for irrigation, generation of power, and other useful and beneficial purposes.

94408

II.

That the purpose for which said water is claimed and appropriated are to use, sell and dispose of the same for all useful and beneficial purposes, including irrigation and the supply of water for domestic, private and public uses, and the manufacturing, producing, storing, transmitting, conveying, selling and supplying electric energy for light, heat and power for use, distribution and application to industrial, municipal, domestic and any and all other purposes, public and private, to which the same can be applied, including railways, mines, smelters and mills, manufacturing plants, and telegraph and telephone lines in the State of Montana, whenever and wherever the said water or energy derived therefrom can be made applicable for any useful or beneficial purpose.

That the place of use and intended use of said water is in Section 12, Township 22 North, Range 21 West of the Principal Meridian of Montana.

III.

That the means of diversion of said water for the purposes aforesaid will be a dam, canals, flumes and pipes capable of carrying all of the waters of Flathead river as above stated, and with all the appurtenances, machinery, appliances, and works in connection therewith, or which may hereafter be constructed and used in connection therewith.

IV.

That Rocky Mountain Power Company appropriated and took said water on the 10th day of March, A. D. 1921.

94408

V.

That the name of the appropriator of said water is Rocky Mountain Power Company of Silver Bow County, State of Montana.

14145 - Continued.

Book 3
Page 1

VI.

That Rocky Mountain Power Company also claims the right to keep in repair and enlarge said means of water appropriation at any time, and the right to exercise all lawful rights of use, ownership and disposition of said water right and appropriation.

VII.

The name is the stream from which said appropriation and diversion is made is the Flathead River.

VIII.

An accurate description of the point of diversion on said Flathead River is as follows:

Said point of diversion is located in S. E. Quarter of Section 12, Township 22 North, Range 21 West of the Montana Meridian, and a distance of 1979.5 feet N. 54°50' E. from the Southwest Corner of Section 12, Township 22 North, Range 21 West, M.P.M.

CLAIMING THE SAME, all and singular, under any and all laws, National and State, and all rulings and decisions thereunder, in the matter of water rights.

TOGETHER WITH ALL AND SINGULAR, the hereditaments and appurtenances thereto belonging and appertaining, or to accrue to the same.

94408

IN WITNESS WHEREOF, The Rocky Mountain Power Company has caused these presents to be executed by its Assistant Secretary and Assistant Treasurer thereunto duly authorized, this 10th day of March, A. D. 1928.

ROCKY MOUNTAIN POWER COMPANY,

By: S. P. Hogan,
Assistant Secretary.

STATE OF MONTANA)
) ss:
COUNTY OF LAKE)

S. P. Hogan, being first duly sworn, on his oath deposes and says: That he is a citizen of the United States, a resident of the State of Montana, and over the age of twenty-one years: that he is the Assistant Secretary and Assistant Treasurer of the Rocky Mountain Power Company, a Delaware corporation; that he makes this affidavit for and on behalf of said corporation; that the Rocky Mountain Power Company is the locator and claimant of the waters and water rights claimed by the foregoing notice of appropriation; that he has read said notice and knows the contents thereof, and that the matters and facts contained therein are true.

S. P. Hogan

Subscribed and sworn to before me this 10th day of March, A. D. 1928.

Grover C. Johnson

(NOTARIAL SEAL
(Grover C. Johnson
(State of Montana.)

Notary Public for the State of Montana.
Residing at Polson, Montana.
My commission expires Sept. 10, 1929.

94408

Recorded March 10th, A. D. 1928, at 10:40 o'clock A.M.

C. H. Lyman, County Clerk and Recorder, by C. H. Peltier, Deputy.

94408

Exhibit_____

KERR TRANSFERS EXHIBIT

Table of Contents

TAB A: Deed. From J. E. Bell to the Rocky Mountain Power Company; dated April 19, 1920. Vol. 92, of Deeds, Page 22, Records of Missoula County.

TAB B: Deed. From Rocky Mountain Power Company to The Montana Power Company; dated August 31, 1938. Vol. 229, of Deeds, Page 485, Records of Flathead County.

MEZ11B

LFH Inst. No. 1

4/19/20

for the year 1920, amount not now known.

IN WITNESS WHEREOF, the said parties of the first part have hereunto set their hands and seal the day and year first above written.

Signed, Sealed and Delivered in the Presence of ( ) Peter Hitelberg (Seal) Mary Hitelberg (Seal)

DEED

94408

STATE OF MONTANA, ( ) ss. County of Missoula ( )

On this second day of June nineteen hundred and twenty before me Leon L. Bulen a Notary Public for the State of Montana, personally appeared Peter Hitelberg and Mary Hitelberg husband and wife known to me to be the persons whose names are subscribed to the within instrument, and acknowledged to me that they executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

Leon L. Bulen
Notary Public for the State of Montana.
Residing at Missoula My Commission expires Nov. 26, 1921.

(((S E A L)))

Filed for record on the 2nd day of June, 1920 at 2:05 o'clock P.M. M. J. Babington, County Clerk. By E. J. Cyr, Deputy

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—37304—

THIS INDENTURE, made and entered into this 19th day of April, A.D. 1920, by and between J. E. BELL and BERTL P. BELL, his wife, of Butte, Montana, parties of the first part, and the ROCKY MOUNTAIN POWER COMPANY, a Delaware corporation, party of the second part, WITNESSETH:

That the said parties of the first part, for and in consideration of the sum of One Dollar ($1.00), and other valuable considerations, to them in hand paid, do by these presents grant, bargain, sell and convey unto the party of the second part the following described property, to-wit:

All of their right, title and interest in and to two million (2,000,000) miners' inches, or fifty thousand (50,000) cubic feet per second, of the waters of Flathead River, and the right to the use of the same, the point of diversion of said water being in the Southwest quarter (SW¼) of Section Twelve (12), Township Twenty-two (22) North, Range Twenty-one (21) West, Montana Meridian, in Flathead County, Montana; notice of appropriation of which water is recorded in volume 129, records of Flathead County, State of Montana, on page 469, reference to which record is hereby made for a more specific description of said water-right.

Also, all of their right, title and interest in and to two million (2,000,000) miners' inches, or fifty thousand (50,000) cubic feet per second, of the waters of Flathead River, and the right to the use of the same, the point of diversion of said water being in the Southwest Quarter (SW¼) of Section Twenty-two (22), Township Twenty-two (22) North, Range Twenty-one (21) West, Montana Meridian, in Flathead County, Montana; notice of appropriation of which water is recorded in Volume 129, records of Flathead County, State of Montana, on page 470, reference to which record is hereby made for a more specific description of said water-right.

BOOK 92 PAGE 23

Also, all of their right, title and interest in and to two million (2,000,000) miner's inches, or fifty thousand (50,000) cubic feet per second, of the waters of Flathead River, and the right to the use of the same, the point of diversion of said water being in the Southeast quarter (SE¼) of Section One (1), Township Twenty-one (21) North, Range Twenty-two (22) West, Montana Meridian, in Flathead County, Montana; notice of appropriation of which water is recorded in Volume 129, records of Flathead County, State of Montana, on page 472, reference to which record is hereby made for a more specific description of said water-right.

Also, all of their right, title and interest in and to two million (2,000,000) miners' inches, or fifty thousand (50,000) cubic feet per second, of the waters of Flathead River, and the right to the use of the same, the point of diversion of said water being in the Southwest quarter (SW¼) of Section one (1), Township Nineteen (19) North, Range Twenty-two (22) West, Montana Meridian, in Sanders County, Montana; notice of appropriation of which water is recorded in Volume 3 of water-rights Records of Sanders County, Montana, on page 75, reference to which record is hereby made for a more specific description of said water-right.

Also, all of their right, title and interest in and to two million (2,000,000) miners' inches, or fifty thousand (50,000) cubic feet per second, of the waters of Flathead River, and the right to the use of the same, the point of diversion of said water being in the Southwest quarter (SW¼) of Section Thirty-one (31), Township Nineteen (19) North, Range Twenty-one (21) West, Montana Meridian, in Sanders County, Montana; notice of appropriation of which water is recorded in Volume 3, water Rights Records of Sanders County, State of Montana, on page 75, reference to which record is hereby made for a more specific description of said water-right.

Also, all of their right, title and interest in and to two million (2,000,000) miners' inches, or fifty thousand (50,000) cubic feet per second, of the waters of Flathead River, and the right to the use of the same, the point of diversion of said water being in the Southwest Quarter (SW¼) of Section One (1), Township Nineteen (19) North, Range Twenty-two (22) West, Montana Meridian, in Missoula County, Montana; notice of appropriation of which water is recorded in Volume J of the water rights records of Missoula County, State of Montana, on page 150, reference to which record is hereby made for a more specific description of said water-right.

94408

Also, all of their right, title and interest in and to two million (2,000,000) miners inches, or fifty thousand (50,000) cubic feet per second, of the waters of Flathead River, and the right to the use of the same, the point of diversion of said water being in the Southwest Quarter (SW¼) of Section Thirty-one (31), Township Nineteen (19) North, Range Twenty-one (21) West, Montana Meridian, in Missoula County, Montana, notice of appropriation of which water is recorded in Volume J of water rights records of Missoula County, State of Montana, on page 146, reference to which record is hereby made for a more specific description of said water-right.

TO HAVE AND TO HOLD, all and singular, the said property, water and water-rights, together with the appurtenances, and the right to the use of the same, unto the said party of the second part, and its successors and assigns forever.

IN WITNESS WHEREOF, the parties of the first part have hereunto set their hands, the day and year first above written.

J. K. BELL
BERYL P. BELL

STATE OF MONTANA
ss.
County of SILVER BOW.

On this 15th day of April, in the year 1920, before me F. S. Bird, a Notary Public within and for said county and state, personally appeared J. K. Bell, known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Notarial Seal the day and year in this certificate first above written.

F. S. Bird
Notary Public for the State of Montana,
Residing at Butte, Montana.
My commission expires Nov. 3-1922

((SEAL))

STATE OF WASHINGTON,
ss.
County of Spokane

On this 22 day of April, in the year 1920, before me, J.G. Batchford, a Notary Public within and for said county and state, personally appeared Beryl P. Bell, known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that she executed the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Notarial Seal the day and year in this certificate first above written.

J. G. Batchford
Notary Public for the State of Washington, Residing at Spokane, Washington. My Commission expires Aug 14,1922.

BOOK 92 PAGE 24

Filed for Record on the 18th day of June, 1920 at 4:45 o'clock P.M.
M. J. Babington, County Clerk. By R. J. Cyr, Deputy.

same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

Wm D. Keeton
Notary Public for the State of Idaho
Residing at ST. Maries, Idaho
My Commission expires July 8th 1940.

(Wm. D. Keeton)
(Notary Public)
(State of Idaho)

Filed for record September 14, 1938, at 1:05 o'clock P. M.

A. J. Shaw, County Recorder. By Lucille G. Mee, Deputy. Reception No. 2699.

8/21/38

DEED
229/485

D E E D

ROCKY MOUNTAIN POWER COMPANY

TO

THE MONTANA POWER COMPANY

DATED: AUGUST 31, 1938

APPROVED AS TO FORM
J. E. Corette, Jr. ATTORNEY
DATE Aug. 4. 1938

DESCRIPTION APPROVED
S. E. Avery
DATE August 4, 1938.
T B O'Connor

D E E D

THIS INDENTURE, Made and entered into this 31st day of August, A. D., 1938, by and between ROCKY MOUNTAIN POWER COMPANY, a corporation, organized and existing under and by virtue of the laws of the State of Delaware and authorized to engage in and engaging in business in the State of Montana, as party of the first part, herein called GRANTOR, and THE MONTANA POWER COMPANY, a corporation, organized and existing under and by virtue of the laws of the State of New Jersey and authorized to engage in and engaging in business in the State of Montana, with its principal place of business and postoffice address in the State of Montana at 40 East Broadway, Butte, Montana, party of the second part, herein called GRANTEE.

W I T N E S S E T H

That the said Grantor for and in consideration of the sum of One Dollar ($1.00), lawful money of the United States of America, and other good and valuable considerations, to it in hand paid, the receipt of which is hereby acknowledged, does hereby grant, bargain, sell, transfer, convey, assign and confirm unto Grantee, its successors and assigns, forever, that certain hydro-electric power development located and situated on the Flathead River below Flathead Lake, in Lake County, Montana, particularly described in Schedule "A", hereto attached, hereby referred to and made a part hereof.

TOGETHER WITH all the tenements, hereditaments and appurtenances thereunto belonging, or in anywise appertaining, and all reversions, remainders, rents, issues and profits thereof,

and also all the estate, right, title, interest, possession, claim and demand, whatsoever, as well in law as in equity, of the Grantor of, in or to said property, and every part and parcel thereof.

TO HAVE AND TO HOLD the same unto Grantee, its successors and assigns, forever.

AND FOR A LIKE CONSIDERATION, the Grantor does hereby grant, bargain, sell, transfer, convey, and confirm unto Grantee, its successors and assigns forever all of those certain lots, parcels or tracts of land situate, lying and being in the State of Montana, particularly described in Schedule "B", hereto attached, hereby referred to and made a part hereof.

TOGETHER WITH all the tenements, hereditaments and appurtenances thereunto belonging, or in anywise appertaining, and all reversions, remainders, rents, issues and profits thereof, and also all the estate, right, title, interest, possession, claim and demand, whatsoever, as well in law as in equity, of the Grantor of, in or to said property, and every part and parcel thereof.

TO HAVE AND TO HOLD the same unto the Grantee, its successors and assigns, forever.

AND FOR A LIKE CONSIDERATION, the Grantor does hereby grant, bargain, sell, convey, assign, transfer, and confirm unto Grantee, its successors and assigns, all of those certain easements enumerated and described in Schedule "C", hereto attached, hereby referred to and made a part hereof.

TOGETHER WITH all the tenements, hereditaments, and appurtenances thereunto belonging, or in anywise appertaining, and all reversions, remainders, rents, issues and profits thereof, and also all the estate, right, title, interest, possession, claim and demand whatsoever, as well in law as in equity, of the Grantor, of, in or to said property and every part and parcel thereof.

TO HAVE AND TO HOLD the same unto Grantee, its successors and assigns forever.

AND FOR A LIKE CONSIDERATION, the Grantor does hereby grant, bargain, sell, convey, confirm, assign, transfer and set over unto Grantee, its successors and assigns, any and all property, real and personal, of every kind and character whatsoever, of the Grantor, wherever the same may be situated or located, and whether included in the attached Schedules or not.

TOGETHER WITH all the tenements, hereditaments and appurtenances thereunto belonging, or in anywise appertaining, and all reversions, remainders, rents, issues and profits thereof and also all the estate, right, title, interest, possession, claim and demand, whatsoever, as well in law as in equity, of the Grantor of, in or to said property, and every part and parcel thereof.

TO HAVE AND TO HOLD the same and all thereof unto Grantee, its successors and assigns, forever.

And Grantor, for itself and its successors, does hereby covenant and agree with Grantee, its successors and assigns, that Grantor will execute and deliver such further assurance of title and such other and further instruments and documents as may be necessary or required to fully vest in Grantee, its successors and assigns, all right, title and interest of Grantor in and to the property and property rights, hereinabove mentioned, and described; and that Grantor will, and its successors and assigns shall, forever warrant and defend the title to and the quiet and peaceable possession of the property and property rights hereinabove described unto Grantee, its successors and assigns, against the acts and deeds of Grantor and persons claiming under Grantor.

THIS INSTRUMENT is executed in quadruplicate, each executed copy being deemed an original.

IN WITNESS WHEREOF, the Grantor has caused this instrument to be executed and its corporate seal to be hereunto affixed by its officers thereunto duly authorized the day and year in this instrument first above written.

ROCKY MOUNTAIN POWER COMPANY

By F M Kerr
President

ATTEST:
S P Hogan
Secretary

(Rocky Mountain Power Company)
(Corporate Seal 1920)
(Delaware)

STATE OF MONTANA)
: SS
COUNTY OF SILVER BOW)

On this 31st day of August, A. D., 1938, before me, the undersigned, a Notary Public in and for the State of Montana, personally appeared F. M. KERR, known to me to be the President of ROCKY MOUNTAIN POWER COMPANY, the corporation that executed the within and foregoing instrument and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Notarial Seal the day and year first above written.

Margaret Sullivan
Notary Public for the State of Montana
Residing at Butte, Montana
My commission expires Oct 15-1938

(Margaret Sullivan)
(Notarial Seal)
(State of Montana)

SCHEDULE "A"

HYDROELECTRIC DEVELOPMENT

That certain hydroelectric development known as the "KERR HYDROELECTRIC PROJECT" (now under construction), situated on the Flathead River below Flathead Lake in Lake County, State of Montana, together with the dam, power plant, buildings, structures, houses, penstocks, turbines, generators, engines, motors, transformers, electric lines and conductors, machinery, equipment, tools, implements, materials, supplies, parts and all other property, real, personal and mixed, connected therewith or incident thereto.

Also all right, title and interest of Rocky Mountain Power Company in and to that certain Reservoir lying above the said dam in the Flathead River, and being in Lake and Flathead Counties, State of Montana.

Also all of that certain construction camp, railroad spur, buildings, houses, shops, structures, power lines, machinery, vehicles, construction equipment, tools, implements, materials, supplies, parts and all other property, real, personal and mixed, used or useful in connection with the construction, installation and utilization of said Kerr Hydroelectric Project, situated and located in Lake County, State of Montana.

Also all right, title and interest of Rocky Mountain Power Company in and to the waters of Flathead River, including those certain water rights or appropriations specifically described as follows, to-wit:

That certain appropriation of all of the waters of Flathead River, or 2,000,000 miner's inches (50,000 cubic feet per second), made by J. E. Bell on April 3rd, 1920, with point of diversion in the SW¼ of Section 12, Township 22 North, Range 21 West, M.P.M., which appropriation is more specifically described in the Notice of Appropriation, recorded in Volume 129 at page 469, records of Flathead County, Montana, and which water right or appropriation was conveyed by J. E. Bell and Beryl P. Bell, his wife, to Rocky Mountain Power Company by a Deed, dated April 19th, 1920, and recorded in Volume 92 of Deeds at page 22, records of Missoula County, Montana, and recorded in Volume 23 of Deeds at page 593, records of Sanders County, Montana, and recorded in Volume 165 at page 135, records of Flathead County, Montana.

That certain appropriation of all of the waters of Flathead River, or 2,000,000 miner's inches (50,000 cubic feet per second), made by Rocky Mountain Power Company on March 10, 1928, with point of diversion in the SW¼ of Section 12, Township 22 North, Range 21 West, M.P.M., which appropriation is more specifically described in the Notice of Appropriation

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recorded in Volume 3, at page 10 Miscellaneous Records of Lake County, Montana.

SCHEDULE "B"

LANDS

FLATHEAD COUNTY

All those certain lots, pieces, or parcels of land situate, lying and be' ; in the County of Flathead, State of Montana, particularly described as follows, to-wit:

Beginning at the quarter corner between Section 25 and 36, T27N., R20W., MPM., thence East along the section line 994.6 feet; thence South 2° 56' West, 235.6 feet; thence South 1° 46' East, 660 feet; thence South 0° 15' East, 201 feet; thence North 42° 44' West, 55 feet; thence running North 55° 10' West, 69.8 feet; thence South 450.8 feet; thence South 36° 05' West, 345 feet; thence North 35° 32' West, 615 feet; thence North 63° 40' West, 383 feet to the North and South center line of said Section 36; thence North 0° 16' East, 1072 feet to the point of beginning, containing 30.81 acres, more or less, except the portion thereof lying North of Present State Highway and County Road.

Also, beginning at the Southwest corner of the NE¼ of said section, township and range; thence North along the subdivision line 1568 feet; thence South 63° 40' East, 383 feet; thence South 35° 32' East, 615 feet, thence South 54° 05' West, 145 feet; thence South 17° 55' West, 443 feet; thence South 30° 35' West, 270 feet; thence South 8° 50' West, 164 feet to the South boundary line of the SW¼NE¼ of said section; thence West along said subdivision line 281 feet to place of beginning.

Also, Government Lots numbered 1 and 2 of said section 36, all of said lands being in and a part of T27N., R20W., MPM., containing 130 acres, more or less.

Also, beginning at the Southeast corner of the NE¼NW¼ of said section, township, and range; running thence North along said subdivision line 248 feet; thence North 63° 40' West, 1472 feet to the West line of said subdivision; thence South along said subdivision line 919 feet to the Southwest corner thereof; thence running East along said subdivision line 1320 feet to the place of beginning.

Also, beginning at a point East 281 feet from the southwest corner of the SW¼NE¼ of Section 36, T27N., R20W., MPM., thence North 8° 50' East, 164 feet; thence North 30° 35' East, 270 feet; thence North 17° 55' East, 443 feet; thence North 54° 05' East, 145 feet, thence North along high water mark of the banks of Swan River to a point of inter-section with the West line of a tract of land deeded by Caroline E. Lakin to Ella R. Webber; thence East 132 feet; thence North 7.3 feet; thence East 280.5 feet to a point of intersection with the subdivisional line of said section; thence South along said subdivisional line 665 feet across the Swan River; thence North 76° West, 101 feet; thence North 87° West, 101 feet; thence North 88° 30' West, 60 feet; thence North 62° 30' West, 47.5 feet; thence North 33° 30' West, 57 feet; thence South 67° West, 71.3 feet; thence South 44° West, 140 feet; thence

80 feet;

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Exhibit_____

ANNUAL REPORTS OF THE MONTANA POWER COMPANY

This Exhibit presents copies of pertinent pages from annual reports submitted to shareholders by The Montana Power Company. These pages provide historical detail regarding the construction of this project.

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The Montana Power Company

Annual Report
1934

growth of the gas business was provided by the Company's intensive efforts in co-operation with local dealers to promote the wider use of gas consuming equipment. There were placed in service on the Company's system in 1934 more than 5.000 gas appliances, including 439 ranges, 1,904 water heaters, 30 furnaces and boilers, 135 central heating conversions, 549 range conversion burners and over 1,900 miscellaneous other appliances.

Rocky Mountain Power Company, one of the Company's subsidiaries, holds a license under the Federal Water Power Act covering the so-called Flathead Project on the Flathead River in Montana. The Federal Power Commission on April 2, 1935, denied Rocky Mountain Power Company's application for an extension to May 24, 1938, of the time within which the Flathead Project is required to be completed and referred the Company's license to the Attorney General of the United States for such action as may seem to him appropriate. The extension was requested principally on the ground that large amounts of surplus power are now available in the territory served. The amount of The Montana Power Company's investment in Rocky Mountain Power Company as of December 31, 1934 was $2,078,050, all of which was invested by Rocky Mountain Power Company in the Flathead Project.

The Company would be seriously and adversely affected by the enactment of the so-called Wheeler-Rayburn Public Utility Bill now under consideration by the Congress.

No new financing was undertaken by the Company during the year. For such property additions as were made the cash required, in excess of cash available for the purpose from the Company's operations, was provided by American Power & Light Company, which owns practically all outstanding Common Stock of the Company.

Grateful appreciation is extended by directors to employees for their continued loyalty and co-operation during the year.

Balance sheet and statement of income and surplus accounts of the Company and consolidated balance sheet and statement of income and surplus accounts of the Company and subsidiaries, together with certificate of certified public accountants, appear on pages 5 to 11 of this report.

Respectfully submitted,

By Order of the Board of Directors,

Frank M. Kerr,

President and General Manager.

Butte, Montana,
May 31, 1935.

The Montana Power Company

Annual Report
1936

erty of Idaho Transmission Company, a wholly owned subsidiary, which supplied electric service in a small area in northern Idaho.

Major construction undertaken during the year included about 57 miles of 100,000-volt line interconnecting the Thompson Falls Station with the Flathead Hydro-electric Development of the Rocky Mountain Power Company now under construction, and 145 miles of 154,000-volt line to interconnect the Flathead Development with Anaconda by way of Missoula. The lines from Thompson Falls to Flathead, and from Polson to Missoula, were completed and placed in operation early in December, 1936. The balance of the work is under way and nearing completion.

Rocky Mountain Power Company, a wholly owned subsidiary, in the summer of 1936 resumed construction of its hydro-electric project on the Flathead River upon which construction was suspended in 1931. The recovery of your Company's business in 1935 made apparent the desirability of resuming construction, and an application was made for an amendment to the Federal Power Commission license covering this project. This application was approved in 1936 and construction was promptly resumed. Full performance of Rocky Mountain Power Company's obligations under the license has been guaranteed by your Company. The initial installation is to be a 56,000 kilowatt-unit which, it is expected, will be completed and placed in service in the summer of 1938

Accompanying this report is a map showing the location of the properties in the Company's system as existing in January, 1937.

Public Utility Holding Company Act Ruling

The question of the constitutionality of the Public Utility Act of 1935 has been raised in pending legal proceedings which affect a number of utility companies. In the case brought by the Securities and Exchange Commission against Electric Bond and Share Company, American Power & Light Company and certain other companies to compel them to register under the Act, Judge Mack of the United States District Court for the Southern District of New York rendered on January 29, 1937, an opinion to the effect that the registration provisions of the Act are constitutional and are separable from the regulatory provisions of the Act, including the "death sentence" contemplated by Section 11. In his decision, Judge Mack considered only the registration provisions of the Act and did not rule on the constitutionality of its regulatory and other provisions. By the terms of the decree entered on March 8, 1937, in conformity with his opinion, the defendant holding companies are enjoined from continuing business operations prohibited to unregistered holding companies, but the injunction is suspended for thirty days to permit the defendants to effect an appeal and will be automatically stayed pending the disposition of such appeal by the higher courts. If registration is required by the final decision in this proceeding, The Montana Power Company will be a subsidiary of a registered holding company within the provisions of the Act relating to subsidiaries of registered holding companies. Your Company intervened in this proceeding, but it ceased to be a holding company by reason of its acquisition of the properties of Idaho Transmission Company, and no relief was sought against it by the Securities and Exchange Commission. However, your Company will again become a holding company when the Rocky Mountain Power Company has completed its Flathead development and, as such, will then be subject to the provisions of the Act relating to holding companies.

Directors and Officers are appreciative of the continued efforts exerted by all employes to promote the Company's interests and develop its business.

Balance sheet and statement of income and surplus accounts of the Company and consolidated balance sheet and statement of income and surplus accounts of the Company and subsidiaries, together with certificate of certified public accountants, appear on pages 5 to 11 of this report.

Respectfully submitted,

By Order of the Board of Directors,
F. M. KERR.
President and General Manager.

Butte, Montana.
March 25th, 1937.

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The Montana Power Company

Annual Report
1937

Property Additions

Construction was continued on the hydroelectric development of Rocky Mountain Power Company, a wholly owned subsidiary. This development, located on the Flathead River near Polson, will have an initial installed generating capacity of one 56,000-kilowatt unit, which is expected to be placed in service in 1938. At the date of this letter the project was about 90% complete. Almost $4,000,000 was spent on the Flathead development during the year. It is believed that the completion of this plant will safeguard The Montana Power Company's system against such a power shortage as resulted from the unprecedented drought conditions existing during 1936 and 1937.

Other major additions included 198 miles of electric lines. Most important construction completed included that portion of the 145-mile 154,000-volt transmission line which extends from Missoula to Anaconda. The completion of this line effected the interconnection of the Thompson Falls plant and the Flathead development in far western Montana with the Company's main transmission system.

Funds for construction undertaken during the year were obtained from part of the proceeds of the Company's bond financing in November, 1936, and from earnings.

Electric and Gas Sales Activities

Continued efforts to stimulate sales, particularly among residential, farm and commercial customers are bringing encouraging results.

Recognizing that throughout the territory served by the Company there now exists a relatively large number of progressive electric and gas appliance dealers, the Company has prepared a carefully planned sales program for 1938 under which it will continue to coordinate its selling activities with those of dealers on an expanded basis.

This program has already resulted in more sales outlets and increased activity by dealers in the area served by the Company.

Public Utility Act of 1935

In the suit brought by the Securities and Exchange Commission against Electric Bond and Share Company, American Power & Light Company and certain other companies to compel them to register under the Public Utility Holding Company Act of 1935, the United States Supreme Court held, on March 28, 1938, that the defendant holding companies are engaged in interstate activities, that the registration provisions of the Act are constitutional and may be separately sustained and enforced "without prejudice to future challenge of the validity" of any other provision of the Act, and that the defendant holding companies may not presently obtain a determination of the constitutionality of the Act as a whole. The decree of the lower court requiring the defendant companies to register was thus affirmed. Your Company intervened in this proceeding, but it ceased to be a holding company by reason of its acquisition of the properties of Idaho Transmission Company and no relief was sought against it by the Securities and Exchange Commission. Your Company will again become a holding company when the Rocky Mountain Power Company's Flathead development is completed and will be required to register as such under the Act unless in the meanwhile it shall have been enabled to acquire the properties of the Rocky Mountain Power Company. However, your Company will be a subsidiary of a registered holding company within the provisions of the Holding Company Act relating to subsidiaries of registered holding companies.

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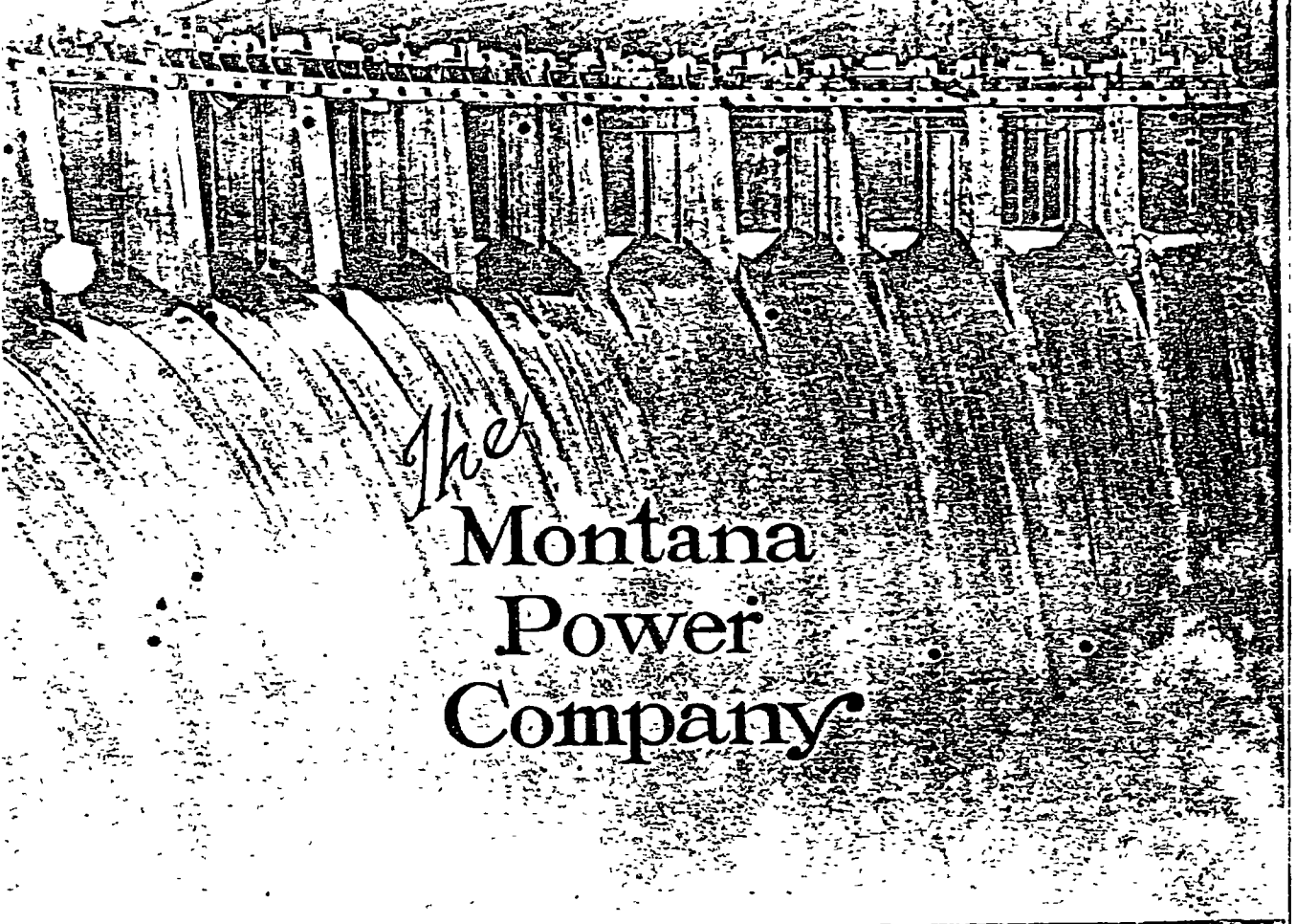
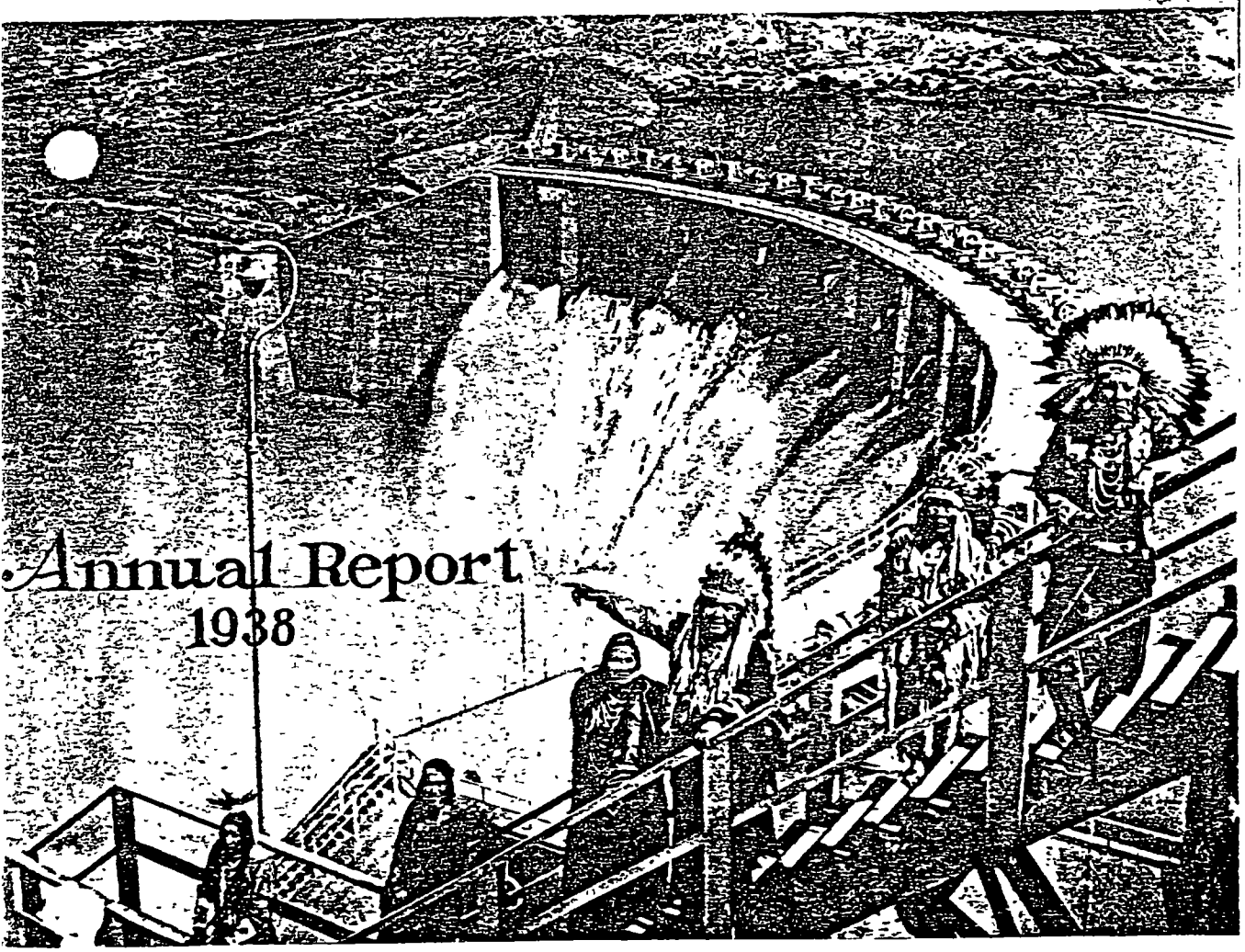


The Montana Power Company



Annual Report
1938

To the Stockholders of
The Montana Power Company:

Presented herewith is the annual report of your Company for 1938. The most important features of the year's operations of the Company and subsidiaries were as follows:

(1) Gross operating revenues were down $2,346,836, or 15%, and net operating revenues were down $1,143,903, or 18%, compared with last year.

(2) Sales of electric energy were 14% and gas sales 20% lower than 1937, while electric customers increased 2,958, or 4%, and gas customers 1,468, or 8%.

(3) Taxes were up $212,007, or 10%.

(4) Corporate structure was further simplified by acquiring the property and assets of Rocky Mountain Power Company, a wholly-owned subsidiary.

(5) Completion of the new 56,000 kilowatt Kerr hydroelectric project at Polson, Montana.

(6) Development of new markets for oil and gasoline for Glacier Production Company.

Decreased electric operating revenues in 1938 were due principally to a marked reduction in mining and smelting operations which curtailed the sale of power to industrial customers and electrified railroads. Revenue from government and municipal sources also decreased, due to lower power sales for the construction of the government's Fort Peck project, now nearing completion. Also, marked reductions in natural gas revenues were due to milder weather and the curtailed industrial conditions mentioned above.

Operating expenses were 25% less than in the preceding year. The principal contributing factor was a reduction of approximately $1,374,000 in cost of purchased power, since decreased demand for power and a more plentiful supply of water for the hydroelectric plants made it unnecessary to purchase power on a scale comparable with 1937 when unprecedented low water conditions prevailed. Eliminating the item of purchased power, the regular operating expenses of the Companies were approximately the same as for last year. A total of $647,463 was spent during the year in maintaining the properties in good operating condition.

Taxes went up $212,007, or 10%, due in large part to a non-recurring deduction in 1937 on account of the calling of some of the Company's bonds in January of that year. The total tax bill of the Company and its subsidiaries, including taxes charged to operations and other accounts, was $2,434,568. This was $12,293 in excess of total revenues received from electric residential customers This tax bill was equal to an average of $22.15 for each customer (electric, gas, water and steam heat) served at the end of the year.

Taxes were equivalent to $15.26 for each share of preferred stock outstanding at the end of the year. They were equal to approximately 2½ times the amount of dividends paid to common stockholders. Additional taxes were due principally to increased federal income, social security, real estate and personal property taxes.

Completion of Kerr Hydroelectric Project and Other Property Additions

The year was especially noteworthy in that it marked completion of a production unit which will add materially to the Company's generating capacity. This unit, the Kerr Hydroelectric Project, is located on the Flathead River near Polson and has a generating capacity of 56,000 kilowatts. Some of the unusual construction conditions involved in this project can be appreciated when it is realized that the height of the dam is 204 feet, or 54 feet higher than Niagara Falls. From the power-house foundation to the top of the cliff is 602 feet, or four times the height of Niagara Falls. A total of 140,000 barrels of Montana cement was used in the construction of the dam. A photograph of the project and other details appear on page 8.

Total construction expenditures of the Company and its subsidiaries amounted to $3,252,000, of which $2,124,000 represented expenditures during the year on the Kerr Project. The remainder of the power company's own expenditures amounted to about $745,232 and were mainly for transformers, meters, copper wire, poles and other items used for distributing electric service. and for meters, regulators, pipe and other equipment for distributing natural gas. Expenditures of Glacier Production Company amounted to about $363.000. and those of Great Falls Townsite Company to approximately $20.000

Natural Gas and Oil Operations

Glacier Production Company, a wholly-owned subsidiary, is engaged in the production and sale of natural gas, crude oil, natural gasoline and butane. Its producing property is located in the Cut Bank field, Glacier County, Montana. The Company controls through ownership or lease approximately 97,000 acres of proven, semi-proven and potential gas and oil bearing lands, located in practically one block 30 miles long, varying in width from 2 to 8 miles. The main portion of the gas production acreage is operated under consolidated leases comprising units of 800 to 2,200 acres. Approximately 90% of the oil acreage and 72% of the gas acreage is validated.

At the end of the year Glacier Production Company had 55 gas wells and a pipe line gathering system of 56 miles. The gas wells are capable of producing in excess of 150,000,000 cubic feet per day, or about three times the present market requirements. It is estimated by geologists that Company gas reserves amount to not less than 450,000,000,000 cubic feet. Glacier sells its entire gas output to The Montana Power Company, which in turn makes retail distribution. About 91% of the natural gas requirements of The Montana Power Company comes from Glacier and the remainder from The Ohio Oil Company.

Incidental to its natural gas producing operations in the Cut Bank field, Glacier has 55 producing oil wells, 24 miles of oil gathering lines, and a natural gasoline extraction plant of 16,000 gallons per day capacity. It is estimated by geologists that the Company's reserves of recoverable crude oil, at the end of the year, amounted to 30,000,000 barrels.

Construction expenditures for the year amounted to approximately $363,000, represented principally by the cost of drilling and equipping 6 oil wells, 5 gas wells, and the construction of two 80.000-barrel crude oil storage tanks.

From the inception of the oil development in 1934, to September, 1937, Glacier sold 1,181,000 barrels of crude oil in the Canadian market at prices ranging from $1.30 to $1.55 per barrel. When the Turner Valley field in Canada came into production in the summer of 1937, the Company's Canadian market was lost. Sales to this market in 1937 amounted to approximately $515.000. Since then no important amounts of crude oil have been sold. To protect against direct drainage from the Company's oil wells into producing wells of others, Glacier produced and stored during 1938 approximately 177,000 barrels of oil, and at the end of the year had 227,000 barrels of oil in storage.

In June, 1938, Glacier entered into a ten-year contract with Inland Empire Refineries, Inc., for supplying crude oil to Inland's refinery in Spokane, Wash-

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ANNUAL REPORT
TO
STOCKHOLDERS

1939

The Montana Power Company

40 East Broadway
Butte, Montana

To the Stockholders of
The Montana Power Company:

The Annual Report of your Company for the year 1939 is presented herewith:

Operating conditions throughout the year were generally favorable, the water supply being adequate to meet operating requirements.

Demand for Service Increases

The total energy output of the Company, including a comparatively small amount of power purchased, was 1,526,184,000 KWH, the average load being 175,800 KW. These figures compare with the 1938 output of 1,295,597,000 KWH and average load of 149,572 KW. Natural gas sales totaled 10,216,978,000 cubic feet, an increase of 1,111,200,000 cubic feet, or 12%.

Additions to System

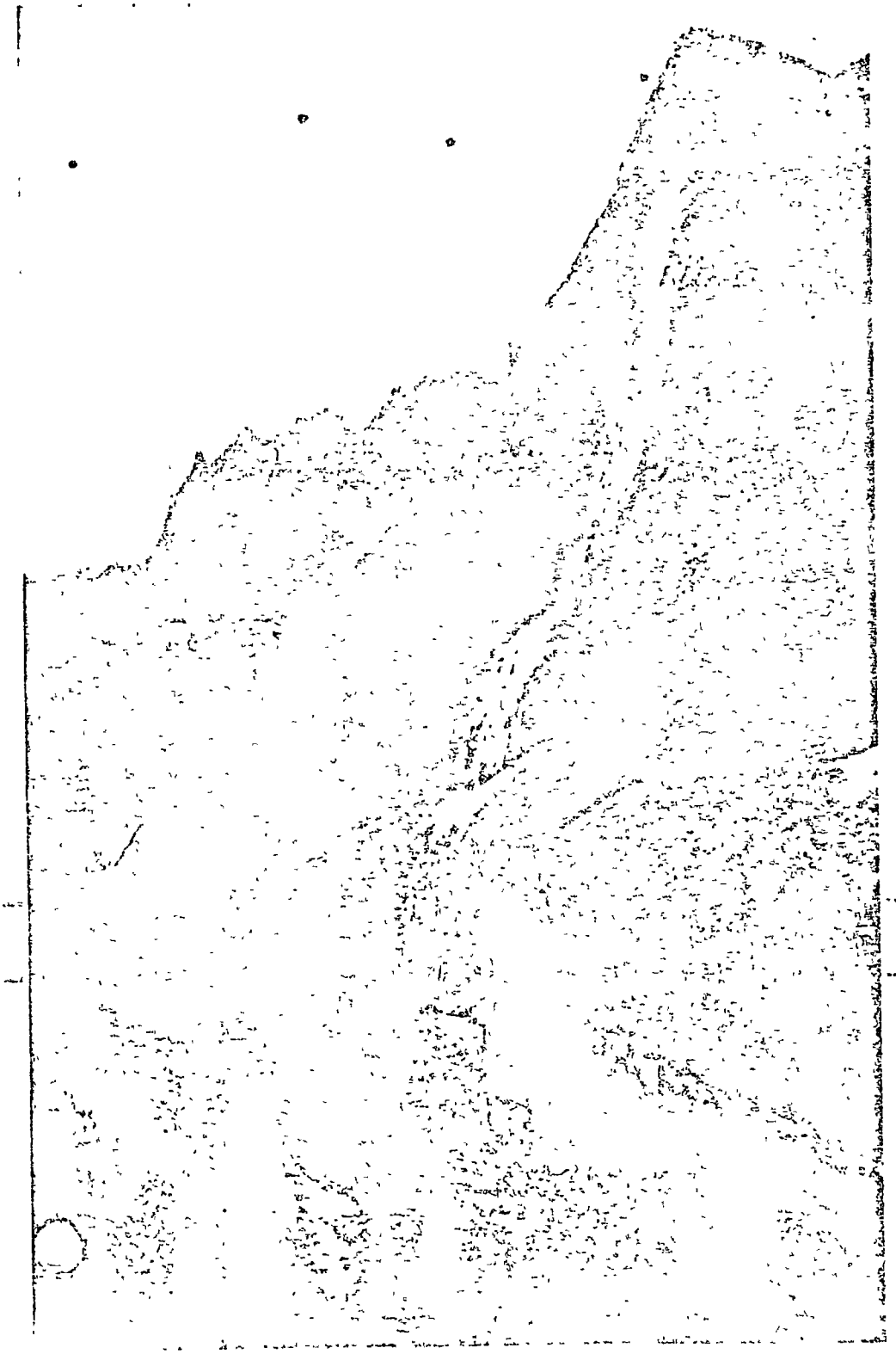
In July, 1939, your Company acquired the distribution system of the Union Electric Company at Dillon, Montana, whereby 1,080 additional electric customers were secured. Your Company formerly supplied the Union Electric Company at wholesale. This also resulted in the acquisition of the town of Bannack with 38 customers.

Kerr Development Begins Operation

The Kerr Hydroelectric Development on the Flathead River was placed in commercial production in May, 1939, and resulted in more flexible operation of the entire system. This adds a 56,000 KW generating unit to the Company's system. Interest payments and rentals to the government for the use of this site amounted to $54,400 for 1939. The Federal Power Commission license covering this power development carries annual payments as follows:

	Per Year
For the year 1940	$110,000
For the year 1941	150,000
For the years 1942 to 1945, inclusive	180,000
For the years 1946 to 1953, inclusive	200,000
For the year 1954	205,000
Thereafter, until adjustment of the annual charges pursuant to the provisions of the license	175,000

ANNUAL REPORT
TO STOCKHOLDERS
THE MONTANA POWER COMPANY



1940

"Where bounding down
through the canyons
With pennants of mist
unfurled,
A thousand bold streams
come leaping
Off the eaves of the
roof of the world"

TO OUR STOCKHOLDERS

94408

Because the year 1940 ends a decade and marks the fiftieth year since the first hydro-electric installation in Montana we are presenting a brief history of The Montana Power Company and its predecessors and also comparisons with the year 1930.

While some stockholders prefer an annual report that gives a strictly formal and technical account of operations, there are many who desire an easily understandable account of the Company's progress freed as far as possible from technical terms We are therefore departing from our previous format.

Because of its new form, we believe that this report will prove interesting to many customers as well as to your Company's employees. Copies will be made available to them.

HYDROELECTRIC POWER DEVELOPMENT IN MONTANA

FROM THE TIME that the last continental ice sheet began receding from northern Montana until 1891, a mere fifty years ago, the Missouri River swept over its falls and through its canyons unmolested. Some 20,000 years of boisterous, uncurbed violence and then men with vision turned a little of that wild energy to useful purpose by building Montana's first hydroelectric power plant at Black Eagle Falls, in the heart of a cattle range

In retrospection it was a pretty primitive layout, although at the time it was considered the acme of modernity. For didn't it develop 8,000 horsepower and transmit 3,000 horsepower from the power house to a concentrator and smelter on the bank above by means of a two-inch rope drive? That was quite a rope in any cow country Five hundred volt direct current generators were used for auxiliary power for cranes, shops, elevators, electric trams and ventilator fans. Lighting was furnished by an alternating current single phase system

Montana's first electric generator had appeared in Butte eleven years before, but it was steam driven and this hydroelectric idea was the last word, providing you had a falls handy within a rope's length Those were the days when sputtering arc lights at alternate street intersections intrigued bats, beetles and small boys and in the dark of the moon these erratic luminaries offered vicarious inspiration to barbershop quartettes.

In 1885 Butte was also experimenting with a few samples of Thomas Edison's incandescent lamp, a red hot hairpin in a bottle that probably suggested the theme for "Shine little glow worm, glimmer, glimmer" You had to strike a match to find it

Other progressive Montana communities were not going to be shown or out-shone by Butte City and it wasn't long before a traveller with good eyesight could locate these other cities after dark.

It didn't take mathematical genius to see that a lot of unused energy was going to waste in Montana rivers. It did require initiative, capital and engineering ability to bridle those streams. A broncho can be a very entertaining and spectacular piece of dynamic action in a rodeo arena, but until he is gentled and broke to saddle you can't get much useful work out of him.

Little electric plants mushroomed around the state and found tough going. To provide power at reasonable rates for limited domestic use necessitated production on a large scale with an industrial market to absorb the big end of the load. The little plants didn't have it because cheap hydroelectric power wasn't always available at the point of industrial use and the direct current generated could not be transmitted far without prohibitive loss of energy.

As a result many of the small plants conceived in optimism and a desire to keep up with the Joneses led a precarious financial existence. Each was a local entity unconnected with power resources elsewhere. Let generating power fail, whether steam or water, and while the neighbors might be sympathetic they couldn't pack electrical energy to the rescue in a bucket.

Nevertheless the production of any electrical energy for commercial use in Montana was a milestone regardless of crude methods employed. The next significant step was overcoming the long-distance transmission obstacle Alternating current at high voltage was the answer. The Helena Water and Electric Power Company was the pioneer

Its Canyon Ferry plant, which commenced operations in October, 1898, was not only the first hydroelectric development on the upper Missouri River, but it was a revolutionary venture built primarily to transmit power some 15 to 20 miles. This was considered quite an accomplishment and did its part in convincing skeptics that long distance transmission was feasible

With this demonstration that the Missouri River could assure an adequate and dependable supply of electrical energy, little more than a cursory examination of costs was necessary for the Butte mine and smelter operators to abandon steam in favor of electricity Contracts for power delivery were made in 1901 that gave promise of greater possibilities to all of the parties thereto, with resultant prosperity to Montana business and citizens at large

Other developments followed and now that power could be carried from one system to another the third progressive move was made—the process of integration so that the hydroelectric power supply eggs were not all being carried in one basket Small concerns consolidated, reorganized and refinanced until on December 12, 1912 Butte Electric and Power Company, Missouri River Electric and Power Company, Madison River Power Company and Billings and Eastern Montana Power Company merged and The Montana Power Company came into existence The names denote their widely separated territories

Since 1912, thirty-four other small companies have been acquired and new developments constructed, thereby increasing the stability and availability of electric power supply in Montana

The following condensed chronology of The Montana Power Company suggests the progress accomplished.

1913

Thirty-seven communities were being served at the end of the year. Electrification of the Butte, Anaconda & Pacific Railway, operating between Butte and Anaconda, Montana, was completed and service commenced Work was started on hydroelectric developments at Volta on the Missouri River and at Thompson Falls on the Clark Fork of the Columbia River to develop a combined capacity of 95 000 kilowatts. The construction of a pumping plant on the shores of Hauser Lake near Helena, placed under irrigation 6,500 acres of nonproductive land too high above stream beds to permit irrigation by gravity This was the first unit of the Prickly Pear irrigation project

1914

A 4,300-kilowatt unit was added at the Hauser Lake hydroelectric plant, and the Black Eagle hydroelectric plant was rebuilt with a capacity of 3,000 kilowatts. The capacity of the system was increased by 5,100 kilowatts during the year, and 67 miles of transmission lines were built Construction work on the electrification of the Chicago, Milwaukee & St Paul Railway in Montana was started in December, 1914

1915

The second unit of the Prickly Pear irrigation project was put in operation, and as a result 3,500 acres of additional nonproductive land were reclaimed The Hebgen Dam, located at the headwaters of the Madison River, was completed The erection of this dam conserved the flood waters, thus providing storage for irrigation and regulation of the flows of the Madison and Missouri Rivers and improving operating conditions at the hydroelectric plants along these streams During the year, 350 miles of high tension transmission lines were built. Operations of electrified trains on the Chicago, Milwaukee & St Paul Railway were begun on the section between Deer Lodge and Three Forks, Montana, in December of this year. Three additional towns were served during the year, two of which had not previously had service Two electrical generating units were placed in operation at Volta hydroelectric station on the Missouri River and two generating units were placed in operation at Thompson Falls

1916

Construction work on the Holter hydroelectric development on the Missouri River near Wolf Creek, Montana, was started in the spring of 1916 to develop 40,000 kilowatts Work was started in this year to increase the capacity of the Rainbow hydroelectric plant on the Missouri River by 10,000 kilowatts During the year 114 miles of transmission lines were constructed The Volta hydroelectric development on the Missouri River at Great Falls, Montana, was completed and four of the six units at Thompson Falls hydroelectric plant on the Clark Fork of the Columbia River were put in operation Four communities were connected to the system A total of 413 miles of main line and 127 miles of side

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Polson Dam Site

Flathead River Falls 80 Feet at One Swoop

Engineers Estimate That 100,000 Horsepower of Electricity Can Be Created There

By MRS. L. L. MARSH

On the Flathead river, also called the Pend d'Oreille, a short distance below Polson, is one of the largest water power sites in America. It has rightly been called the Muscle Shoals of the west. Montanans have realized for many years the vast possibilities of hydroelectrical development there but they were little known to the people of the United States until attention was directed to them by a hearing held last October in Washington, D. C., in connection with application for leases filed by private interests with the federal water power commission.

There are five potential power sites on the Flathead river, the outlet of Flathead lake. The largest and most important of these is known as No. 1, four miles below Polson, where the river falls about 80 feet in a short distance. The other sites are below this one and range in fall from 14 to 40 feet. It is estimated that 100,000 horsepower of electricity can be produced at the site of No. 1 and that from 80,000 to 100,000 additional horsepower can be developed at the other sites, making the total potential power output about 200,000 horsepower, which almost equals the amount which can be produced at Muscle Shoals.

The vast storage capacity of Flathead lake will insure a continual flow of 6,000 second feet over the dam, whereas the maximum without the lake would be but 1,500 second feet under unregulated flow, according to engineering estimates.

The first investigation of the power possibilities on the Flathead river was made in 1909, one year before the opening of the Flathead Indian reservation. It was conducted by Robert Stockton of the United States reclamation service to devise some plan whereby more water could be secured for use in irrigating the 124,900 acres of land of the 1,500,000 acres on the Flathead reservation which was to be opened to settlement in 1910.

As a result of this first survey, the reclamation service in 1910 expended $100,000 in building Nowell tunnel at the first power site, which was to be used to raise water from the river to the land. Lack of sufficient appropriation the next year made it impossible to continue the work on the tunnel and it was later abandoned as part of the Flathead irrigation project.

However, the hundreds of settlers who came in 1910 to Flathead valley, with the vision and faith of all pioneers, pictured from that time until the present what the development of even the first power site would mean to this section not only in supplying cheap power to large industrial plants but in pumping water on their lands in lean water years and giving the farm homes all the modern electrical conveniences.

As the work progressed on the Flathead reclamation project thousands of dollars were wasted as the result of congress failing to appropriate sufficient funds to continue the work from year to year. There were constant changes in engineering plans, oftentimes resulting in abandoning portions of the system on which large sums of money had been already spent. Soon the Flathead settlers realized that government development of the Flathead river sites was not feasible. However, when the federal water power act was passed in 1916 granting the right to lease governmnt owned power sites to private interests the people of this newly settled country saw a chance for power development, and that hope has never left them.

Shortly after the passage of the federal power act the Rocky Mountain Power company, a subsidiary of the Montana Power company, applied to the federal water power commission for a permit to survey the Flathead river power sites. This was granted but before work had started the United States had entered the World war and all further expansion by the power company was halted.

As the years went by the Flathead reclamation project was not completed and many of the settlers who had been promised water on their lands by the government in 1910 were still waiting for the promise to be fulfilled or had died or moved away.

In 1925 congress ordered an investigation of federal irrigation projects and the Flathead project was visited. A committee of congressmen led by Louis Cramton of Michigan of the house committee on appropriations spent several days on the Flathead project. The settlers presented their case to this committee in such a convincing manner that Cramton became a champion of their cause. He wrote a bill which was passed by congress in 1928 whereby the settlers were given better repayment contracts to the government, and an appropriation was made for the work on the Flathead irrigation project with the promise of its ultimate completion and an additional appropriation to build a small power plant at the falls of the Flathead river to supply cheap power to pump more water on the land.

The Rocky Mountain Power company, at this time not wishing to see a small development which would prevent the larger and in need of more electricity to supply the company's needs in other parts of Montana, offered to develop the first site on the Flathead river, to sell power to the settlers at a smaller cost than it could be furnished by a government owned plant and to give $1 to the Flathead Indians for every horsepower developed yearly. Again it seemed that the dream of a vast power development on the Flathead river was to be realized.

But conflicting interests have caused delay in granting a lease to develop the site. Indians, realizing t one of their last big

GREAT FALLS TRIBUNE
January 12, 1930
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94408

Long Delayed Development Drawing Near

Total Power Possibilities of Several Locations More Than 200,000 H. P.

gard to the power development at Polson and to learn the plans of the two applicants, the federal water power commission conducted a hearing in Washington, D. C., beginning Oct. 28, last, which continued for two weeks. At the suggestion of Senator T. J. Walsh of Montana the department of the interior, the Indian bureau and the war department had representatives at the hearing. The Rocky Mountain Power company and Mr. Wheeler, Minneapolis engineer, presented their proposals.

Mr. Wheeler stated that he had made no preliminary survey of the power site but proposed to develop the first site if a market could be obtained for the power. He also unfolded plans for producing commercial fertilizer extensively, but these also depended on market conditions.

The Rocky Mountain Power company made the preliminary survey of the site here in 1927 and, according to statements of Frank Kerr, vice president and general manager of the Montana Power company, will begin development of the site at once if the lease is granted to the Rocky Mountain Power company, a subsidiary of the Montana Power company. They have an immediate market for the electrical energy in Butte and Anaconda, and so great is the need that unless a decision is given them soon they must look elsewhere for the power.

Mr Kerr stated that his company plans an expenditure of between $8,000,000 and $10,000,000. It will take almost three years to complete the work, as it can not progress rapidly during extreme high water. The company expects to rush 500 men on to the work as early as weather conditions permit if the lease is granted to them in the next few weeks.

Unless changes have been made recently, the plans of the company call for a dam 448 feet long, 138 feet wide at the base and 16 feet wide at the top. The foundation of the dam will extend 30 or 40 feet below the river bed. It would be built about 500 feet below the upper entrance of the Newell tunnel and almost straight across the river. The company would pay $100,000 to the Flathead project for Newell tunnel, which would be enlarged to 18 feet in diameter and used to convey the water around the dam during construction work. The water for power purposes would be taken from the dam in twin

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sets, have been anxious to obtain as much rental as possible. The people of the upper valley, around Kalispell, some of whose lands will be damaged to some extent by raising the level of the lake, have protested the development at all times and this has caused more investigations and more delay.

Walter Wheeler, Minneapolis engineer, applied to the federal water power commission for a permit to survey the land and, if given the lease, to develop the site, and proposed to pay larger revenues to the Indians than had

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April 14, 1938

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Work of Stopping Diversion Tunnel Completed Just 36 Hours Before

The turbulent waters of the mighty Flathead river, which for many ages have raced unimpeded on their long journey to the Pacific ocean, were harnessed for the first time last Monday morning as a huge 25-ton steel gate swung into place at the head of the diversion tunnel and the waters were impounded behind the newly-completed dam of the Rocky Mountain Power company.

The dam, located only a few miles below Polson, represents one of the largest hydro-electric projects of its kind in the United States and is a development which has long been looked forward to by the residents of the lower Flathead valley.

Constructed at a cost approximating somewhere between $8,000,000 to $10,000,000, the present power project, when completed will generate 56,000 killowats of electrical energy which will be used to supply additional power along the far-flung transmission systems of the Montana Power company. Not only will the dam supply additional electrical energy but it will form a storage reservoir from which much-needed water will be taken for irrigation purposes on the Flathead project.

Constructed in Two Years

This mammoth man-made barrier was constructed in less than two years' time. Work on the project was started in July, 1936 and while the Rocky Mountain Power company was allowed three years by the federal government in which to complete the construction, it is expected that the entire project will be completed on or before July 1, of this year.

As many as 1,200 men have been employed at a time during the past eighteen months, in an effort to rush the job to completion before the spring flood waters began to rise this year.

82,000 Cubic Yards of Concrete

An approximate 82,000 cubic yards of concrete have gone into the construction of the dam and intake. The dam proper is nearly twice as high as the tallest building in Montana, it being 200 feet in height. It is 450 feet in length at the top and 100 feet in length at the base.

Almost Completed

Only a small amount of work remains yet to be done before the project is complete. Some concrete work is to be done on the buttresses and some filling is to be completed under the hoists for the big gates at the top of the dam. There is also a small amount of painting to be completed.

The [illegible] gates atop the dam are now open and 4,300 second feet of water, or water in the depth of about 5 feet is flowing over the dam at the present time.

Penstock tunnel No. 1 is open and running full in order to supply water for the camp, but the generator in the power house is not yet in operation.

Diversion Tunnel Closed

The diversion tunnel, which has been carrying the flow of the river since construction was resumed on the dam in 1936, was closed a few minutes after 10 o'clock Monday morning and the waters of the Flathead river began to fill in the river bed. Within ten minutes after the big gate had dropped into place, the waters had gone over the upper coffer dam and splashed for the first time against the upstream side of the dam. Less than one-half hour after the closing of the tunnel, the roaring, churning waters of the Flathead were transformed into a peaceful and serene lake as they slowly began to back up along the river banks. As the first rush slackened, the only sound to break the stillness was that of the water splashing as the dirt fills along the bank gradually softened and fell into the river.

Many residents were along the river bank to watch the water slowly rise during the day, Monday.

By Tuesday afternoon, the old road along the west side of the river bank was completely inundated and at 9:59 that evening the river again regained a part of its freedom when the water reached the open gates and started through the spillway, hurling itself to the river bed 200 feet below.

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As a result of this survey, the reclamation service in 1910 expended $100,000 in building the Newell tunnel which was to be used to raise water from the river to the land. Lack of sufficient appropriation the following year made it impossible to continue the work and it was later abandoned as a part of the Flathead irrigation project.

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(Continued on Page 6)

Waters of Flathead River Pour Over Huge Dam

(Continued from page 1)

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In 1925

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Conflicting interests in Washington, D. C., however, caused delay in granting a lease to develop the site and during that time the Rocky Mountain Power company, in need of additional electrical energy, went ahead with the construction of Moroney dam.

The permit was finally granted May 23, 1930, and the following year, to July 1, 1931, work was suspended and an extension of time was granted the company. Work was resumed, however, in July 1936, and the past few weeks have seen the completion of the long hoped-for project.

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(Kalispell)
April 14, 1938
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94408

Dam At Polson Completed For Power Purposes

Water Begins Going Over 2869-Foot Level Yesterday

Far down in the gorge of the Flathead river four miles below Polson a trim, semi-circular wall of concrete yesterday harnessed the waters of the Flathead for generation of electric power. Monday the 25-ton steel gate was lowered to seal the diversion tunnel through which the river has been flowing for a year and a half. Slowly the water began to rise on the concrete face of the dam. Yesterday it began spilling over the crest at an elevation of 2869 feet.

For the present the water is not being used for power purposes, but is being permitted to flow through the 11 gates in a horseshoe shaped cascade 400 feet wide to plunge 200 feet into the old riverbed below. Generation of power will be delayed until the 56,000 kilowat generator has been installed. This installation, it is planned, will be accomplished this summer. Thereafter the level of the water will be raised, but executives of the Montana Power company have given assurance that lake levels will not be forced above 2890, which is three feet under their maximum allowance.

Save for a short connecting line which will necessitate only one tower, the transmission lines are in and ready for use. Crews have been reduced. Day crews are busy removing construction machinery, trestles and scaffolding. Only a skeleton night crew is being maintained.

Water available for all the power plants of The Montana Power company this year is greater than for the past several years in contrast to the record low water conditions of 1936 and 1937, officials of the company announced. With the additional generating capacity which will be made available at Flathead this summer, a repetition of the power shortage which was felt throughout the territory served by the company during the dry seasons of 1936 and 1937 will be averted, they stated.

Approximately 1,100,000 acre feet of water will be stored in the reservoir and will insure a constant flow through the generator, even in the dry season, without greatly affecting the level of the lake, Supt. C. H. Torrquist said.

The Flathead Courier

POLSON ON THE SHORES OF BEAUTIFUL FLATHEAD LAKE

Polson—the Power City, the Commercial, Recreation and Scenic Center of the Garden of the Rockies!

VOL. 29. No. 15. POLSON, LAKE COUNTY, MONTANA, THURSDAY, JULY 14, 1938 Price 5c Copy; $2 Year

Mammoth Celebration Is Planned Here

Dedication Power Project, Regatta Planned at Polson

Indian Tribes, Whites to Be Guests of Montana Power Company at Mammoth Barbecue.

EXPECT DIGNITARIES

"Showboat", Boxing Card, Women's Golf Tourney Are Part of Program

Plans for the largest celebration ever [illegible] in Polson got underway last Friday when more than 20 representatives from the Polson Chamber of Commerce, Polson Progressive Club, Flathead Irrigation district Indian department, Confederated Salish and Kootenai tribal council, Polson Regatta association, Polson Country club, Polson Civic League and the Montana Power company, met and voted to merge their efforts towards a monster two-day affair to be held here August 6-7 in celebration of the completion of the Flathead Hydroelectric project, popularly known as the Polson dam.

In cooperation with this plan commissioners of the Flathead Irrigation district voted to postpone their annual picnic which was scheduled for July 17, and make it a part of the general celebration

The program will include dedicatory ceremonies at the dam, at which time state and national notables will speak, and bronze tablets commemorating the project's completion will be unveiled

Dedication of this project, which is one of the largest of its kind in the United States, as well as the added attraction of the annual Regatta is expected to attract several thousand visitors from all parts of Western Montana

Executive Committee Named

Those appointed as members of the executive committee to take charge of the affair, are Dr. J L. Richards, chairman, E E MacGilvra and C. W. Towne, representing the Montana Power company; L. W. Shoffner of the Flathead Indian Agency, Louis Lemery, representing the Indian tribal council, D. A. Delivo and Stanley Scearce of the Flathead Irrigation commission, L. E Brooks of the Polson Chamber of Commerce, Carlton Boettcher of the Polson Progressive club, Mrs. W C Vincent of the Polson Civic League, Charles O Connor of the Polson Country club, and Ernest Retz of the Polson Regatta association

At a meeting held this Tuesday evening by the executive committee, various arrangements for the two-day

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DAM AT POLSON COMPLETED FOR POWER PURPOSES

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track of the Chicago, Milwaukee & St Paul Railway had been electrified and put into successful operation up to the end of 1916

Construction of an electrolytic zinc refinery at Great Falls requiring 30,000 kilowatts, was completed by the Anaconda Copper Mining Company.

1917

Two towns were connected, neither of which previously had electric service. Construction expenditures were in excess of $3,600,000 and included expenditures on the Holter hydroelectric development, completion of the extension of the Rainbow hydroelectric development, completion of the Thompson Falls hydroelectric development and construction of a transmission line from Holter to East Helena, Montana. The Milwaukee Railway electrification was completed.

1918

The Holter-East Helena transmission line (31 miles) was completed. A 30-mile transmission line was constructed from Choteau to Conrad The transmission lines in service at the end of this year amounted to 1,922 miles

1919

Three new towns were connected to the system, two of which had not previously received electric service. The steam-electric plant at Roundup, Montana, and distributing system at this location were purchased.

1920

Five towns were connected to the system, four of which had not previously received electric service Several large coal mines near Roundup, Montana, began to receive electric service. There were built in this year 106 miles of transmission lines in the southern part of Montana The last large industrial steam plant in the territory of the Company was discontinued and electric service was furnished from The Montana Power Company system

1921

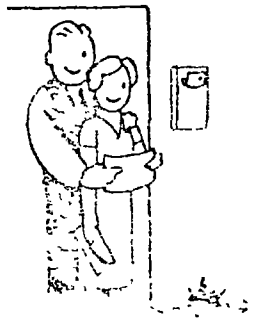
Five small communities began to take service in this year Several large coal mining operations bought electric service from the Company and shut down their own isolated steam plants The steam-electric plant, supplying service to Red Lodge, Montana, was shut down and service was purchased from the Company's high tension network.

1922

The Company added, by purchase and construction, distribution systems in six communities, some of which had not previously received electric service At the end of the year 45,803 customers were served and 2,063 miles of transmission lines were in use

1923

Construction work on a new hydroelectric development on West Rosebud Creek, at Mystic Lake, was commenced to add 11,500 kilowatts of capacity. A transmission line was built from Red Lodge to Mystic Lake to furnish power for construction operations at that site and later to transmit power from the new plant Construction of a 24-mile transmission line was started from Havre to Chinook, Montana, and the City Council at Chinook deeded to the Company, without cost, the municipal distribution system. The Company's domestic and commercial rates were reduced approximately 25% for average customers throughout its entire territory.



1924

Service was started at Chinook, Montana, early in the year The application of the Company's standard rates reduced the cost of electric service at Chinook approximately 65% At the end of the year, the Company served 72 communities and a total of 44,919 customers, a gain of 1,559 over the previous year There were constructed 136 miles of transmission line, increasing the total miles of line to 2,223

1925

The Mystic Lake hydroelectric development was completed. This plant was constructed to provide better service and to meet an increasing demand for power in the eastern part of The Montana Power Company's intercon-

nected system The small obsolete hydroelectric plants at Billings, Lewistown and Madison were abandoned, together with the uneconomical steam plants at Billings and Butte. The saving in operation resulting from the abandonment of these plants was made possible because of the integration policy pursued by the Company in earlier years. Distribution systems were built in four communities, three of which had not previously received electric service. A total of 76 towns with 46,109 customers were served.

1926

Reconstruction of the Black Eagle hydroelectric plant on the Missouri River near Great Falls was begun, to supply the growing needs for power. Eight additional towns were served. The Anaconda Copper Mining Company added to its electrolytic zinc plant at Great Falls, requiring about 10,000 kilowatts of additional power.

1927

Transmission lines were extended to connect seven towns to the system, increasing the communities served to 91. The Black Eagle hydroelectric plant capacity was increased to 18,000 kilowatts.

1928

An electrolytic zinc plant at Anaconda, requiring 20,000 kilowatts, was placed in operation in February.

By the end of the year 94 communities and 51,432 customers were served and 32 miles of high tension network had been added to the system.

1929

The Company acquired by purchase the small hydroelectric station on the Missoula River and the distribution systems in Missoula and the Bitter Root Valley The Company acquired by purchase the manufactured gas and electric distribution systems at Helena, Montana During the year, 22 communities were added to the system, making the total number served at the end of the year 116. Electric customers increased during the year by 10,029. Because of the added demand made upon the Company for mining and other industries, it was necessary to increase the Company's power generating capacity, and construction was started on the Morony hydroelectric plant, 45,000 kilowatt capacity, on the Missouri River below Great Falls, Montana.

1930

The Morony hydroelectric plant, 45,000 kilowatts capacity, was placed in operation in this year. Interconnecting transmission lines were built from the Morony hydroelectric plant to the Rainbow hydroelectric station on the Missouri River; from Plains to Polson, Montana, and from Hardin to Crow Agency, Montana, a total of 115 miles During the year the Federal Power Commission granted a license to the Rocky Mountain Power Company, a subsidiary, for the construction of a 112,000-kilowatt hydroelectric plant on the Flathead River in northwestern Montana.

1931

The distribution systems in three small communities were purchased and connected, and distribution systems in six other communities were added to the Company's lines The customers served at the end of the year totaled 64,523. A transmission line was built from Hamilton to Darby and a transmission line was constructed from Great Falls to Fort Benton, Montana. During the year natural gas was brought from the Cut Bank and Dry Creek fields to many of the towns served by the Company. During this year, because of the reduction of power load, due primarily to cessation of mining of copper ores on account of low prices of the metal, construction work on the Flathead hydroelectric development was discontinued.

1932

There was a loss of 1,359 customers in this year, due to the depression, and there was a severe curtailment in the use of power, particularly for mining and industrial purposes, as well as in other classes of service.

1933

The distribution system at Red Lodge was acquired by purchase and two other small com-

munities were connected to the high tension network. During this year a contract was entered into between the Company and the United States Government for 60,000 kilowatts of power to be transmitted from the Rainbow hydroelectric station to Fort Peck over a line constructed by the government, the power to be used for dredging operations in the building of the Fort Peck dam on the Missouri River.

1934

The government began, in this year, to receive service for the construction of the Fort Peck dam, over the 154,000-volt line constructed by the War Department from the Rainbow hydroelectric station to the Fort Peck project. Four small communities were connected during the year, none of which previously had been served.

1935

Six additional communities, including Anaconda, were added during the year. The distribution systems serving Anaconda and Opportunity, together with the 1,100-kilowatt Flint Creek generating station and transmission lines, were purchased from the Anaconda Copper Mining Company. Seventy-five miles of rural lines were constructed and 230 rural customers were added.

1936

The Company took over the operations and the property of its wholly-owned subsidiary, the Idaho Transmission Company, which supplied electric service in a small area of northern Idaho. Construction of fifty-seven miles of 100,000-volt line was begun to interconnect the Thompson Falls station with the Flathead hydroelectric development site, also 145 miles of 154,000-volt line to interconnect the Flathead development with Anaconda, by way of Missoula. Electric service was supplied to 155 communities at the end of the year, including 32 towns of less than 100 population.

1937

Construction was continued on the hydroelectric project located on the Flathead River near Polson; 198 miles of electric lines were built. The 154,000-volt line between Missoula and Anaconda was completed. An employee group insurance plan was inaugurated. 80,554 customers were served in 159 communities.

1938

The first 56,000 KW unit of the Kerr Hydroelectric project at Polson, Montana, was completed. All property, rights and assets of Rocky Mountain Power Company were acquired.

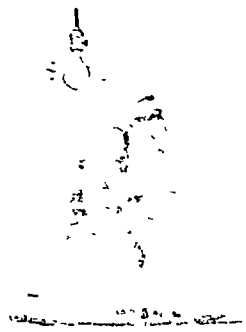
1939

The distribution system of the Union Electric Company at Dillon, Montana, was acquired. Reduction in Commercial and Residential rates was made with an estimated saving of $310,000 per annum to customers. The Kerr hydroelectric development near Polson was placed in commercial operation.

1940

Follows in detail in this report.

Here is the story in brief, three phase in development, (a) introduction of the hydroelectric plant, (b) solution of the long distance transmission problem, (c) integration to render efficient, low-cost service



Montana residents, rural as well as urban, now command conveniences and energy unheard of fifty years ago. Availability! Mobility! Connect with a nearby power line, carry a lead to the job, plug in an extension cord, flip a switch or press a button. Why, Aladdin with his magic lamp was a piker!

From the 1912 collection of small out-moded plants with a combined capacity of 76,152 KW and 1,200 miles of high tension transmission lines serving 23,409 customers in 26 communities to today's modern equipment with a generating capacity of 349,750 KW and 5,358 miles of electric lines (all voltages) serving 91,505 electric customers in 161 communities is a record worth recording.

And it didn't all just happen.

This highly desirable situation is due to the happy combination of Montana's natural mineral and hydraulic resources supplemented by the initiative and ingenuity of Montana people in bringing them together.

Exhibit _____

NEWSPAPER ACCOUNTS OF KERR DEVELOPMENT

94408

Great Falls Tribune, January 12, 1930

The Flathead Courier, April 14, 1938

The Flathead Monitor, April 14, 1938

The Flathead Courier, July 14, 1938

 Exhibit_____

COMPUTER SUMMARY OF WATER USE RECORDS

The information shown on the attached computer summary was taken from daily water use records maintained by The Montana Power Company. The column headings are self-explanatory.

The summary for Kerr Dam provides information for the years 1938-1980.

MEZ10BK-13

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1980 WATER USE SUMMARY

94408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	11738	-5686	2543	9870	6660	8242	1839	-15898	-5454	9870	6660	8242
February	6224	-696	2864	8000	2260	6083	1195	-7223	-3284	8000	2260	6083
March	11923	-1764	3088	3180	1700	2435	8954	-4178	173	3180	1700	2435
April	56137	-1693	16933	10860	2840	5131	27919	-5969	5822	10860	2840	5131
May	60654	20865	42141	48370	8440	17477	30771	-7536	11687	12810	6890	10457
June	41357	15815	26738	32864	11700	21342	15825	-5697	2046	13170	10130	11581
July	20014	2547	9976	14340	6500	10474	6963	-8230	-795	13260	6500	10401
August	9922	-800	4914	12750	3280	5678	5064	-6963	347	12750	3280	5678
September	8654	-2141	4962	11732	3350	7945	5697	-8230	-252	11732	3350	7945
October	11001	-3086	3790	11660	4460	9002	3164	-12660	-3712	11660	4460	9002
November	14515	-465	5312	11950	6450	8882	8071	-7475	-1473	11950	6450	8882
December	30830	-3969	8449	13660	4875	11484	14856	-16713	-379	13660	4875	11484
YEAR	60654	-5686	10993	48370	1700	9519	30771	-16713	401	13660	1700	8118

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

94408

1979 WATER USE SUMMARY

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	6419	-1018	2243	12290	10450	11610	1213	-12200	-5092	12290	10450	11610
February	6215	455	3272	12150	3970	7241	1792	-9043	-4351	12150	3970	7241
March	12695	-16	4660	6870	1880	4587	5374	-2985	886	6870	1880	4587
April	25590	519	9717	8030	5310	6619	9551	-7165	1438	8030	5310	6619
May	78078	22699	42944	31730	8430	19712	28979	1848	12792	13730	8430	10821
June	52856	17230	33128	28820	11960	20679	20724	-11395	4091	14530	10480	12242
July	22186	1549	10050	20704	7860	12017	10128	-8230	-428	12969	7860	10972
August	12678	-4565	3663	10050	5920	7959	9494	-6963	715	10050	5920	7959
September	9876	-2267	2797	9020	3670	6574	4432	-8862	-1960	9020	3670	6574
October	10121	-7228	1779	11970	4244	8015	4430	-13188	-1113	11970	4244	8015
November	7103	-5226	1703	12360	7530	11148	4395	-11215	-2498	12360	7530	11148
December	16425	-6421	3062	12470	7748	10590	4953	-12974	-5393	12470	7748	10590
YEAR	78078	-7228	9952	31730	1880	10582	28979	-13188	-44	14530	1880	9045

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1978 WATER USE SUMMARY

94408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	10862	-6988	3778	12830	7440	11097	3678	-12866	-4342	12830	7440	11097
February	8417	-132	3430	12910	8130	10637	0	-10907	-4506	12910	8130	10637
March	30071	-1889	6114	8100	5750	6446	14352	-6567	251	8100	5750	6446
April	30879	7956	17774	11430	7150	9837	11438	-6019	2189	11430	7150	9837
May	56975	22482	34398	17850	9320	13760	23511	0	10334	12880	9320	11644
June	64849	22630	40264	30420	18220	23535	16956	-4432	5132	12100	9290	10953
July	35778	8415	19345	24250	10580	16549	10128	-5065	-81	11840	4690	10836
August	16079	697	7091	11620	3600	7068	7595	-11393	163	11620	3600	7068
September	10840	2950	6333	8150	6050	7571	2531	-5697	-1265	8150	6050	7571
October	8954	-1474	3969	14210	7030	9849	622	-11213	-4123	14210	7030	9849
November	14034	-2885	4370	14790	12120	13239	5587	-11143	-1962	14790	12120	13239
December	8887	-3839	2023	12940	11130	12218	3094	-11704	-2980	12940	11130	12218
YEAR	64849	-6988	12429	30420	3600	11808	23511	-12866	-74	14790	3600	10109

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1977 WATER USE SUMMARY

94408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	7720	-6257	2882	14150	9080	12642	615	-12726	-6157	14150	9080	12642
February	9849	-1672	3319	13580	5460	8605	6059	-9696	-3448	13580	5460	8605
March	13530	-6440	2672	8760	4720	6551	7762	-10747	-1597	8760	4720	6551
April	26112	-1754	10267	5690	1930	4285	12120	-1193	4628	5690	1930	4285
May	37245	11670	22289	9210	4390	7580	19521	-3080	7069	9210	4390	7580
June	29042	4966	14813	8760	3000	5899	13187	1237	6532	8760	3000	5899
July	9716	-915	4853	9700	3150	6683	8862	-6329	878	9700	3150	6683
August	13311	-9862	2953	10230	4000	7244	10129	-10128	61	10230	4000	7244
September	9376	-491	4091	7730	3970	6009	6331	-5064	-611	7730	3970	6009
October	15848	-1199	3963	12690	5800	9772	8228	-11303	-1828	12690	5800	9772
November	13978	-7407	3604	12890	6830	10624	7537	-19937	-3431	12890	6830	10624
December	12674	-2897	5565	9340	6570	7706	4312	-11704	-3206	9340	6570	7706
YEAR	37245	-9862	6785	14150	1930	7805	19521	-19937	-84	14150	1930	7805

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1976 WATER USE SUMMARY

94408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	10671	1139	5918	14770	11190	12472	1857	-11837	-3554	10310	6730	8012
February	16671	-8747	5505	15700	13250	14423	9239	-14167	-5470	13530	11240	12535
March	11346	-5675	4760	14620	10350	12792	6622	-15150	-2750	13920	10350	12402
April	34658	-127	16682	20270	7850	15250	19999	-5517	5040	13780	5310	11453
May	75321	20235	50516	35385	19580	29694	25872	-5500	6024	13550	8110	11549
June	48326	23426	34264	36400	16790	21778	15575	-6813	5229	12950	11200	12073
July	32668	7903	19349	28760	10650	17711	9494	-7597	490	11910	7270	10379
August	14453	712	9269	11330	6320	9342	6331	-8862	-60	11330	6320	9342
September	8374	-160	4439	8940	3070	6329	3165	-5064	-2022	8940	3070	6329
October	14495	-8291	2629	8470	4780	7264	13292	-8862	835	8470	4780	7264
November	16394	-5683	3298	13950	6220	10154	6191	-11303	-5152	13950	6220	10154
December	15778	-4598	3111	13400	5970	11183	12320	-9286	-2173	13400	5970	11183
YEAR	75321	-8747	13339	36400	3070	14038	25872	-15150	-279	13950	3070	10213

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1975 WATER USE SUMMARY

94408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	13408	-5641	2689	12480	10760	11938	3715	-16095	-6451	12480	10760	11938
February	12003	-8510	2197	11780	4020	8663	3030	-20130	-5061	11780	4020	8663
March	8811	-4641	2523	8950	5030	6939	4776	-10234	-2479	8950	5030	6939
April	11180	-8234	3830	6910	4940	5934	10747	-8954	-357	6910	4940	5934
May	56723	8204	28706	22530	5490	11777	26900	597	10074	11240	5490	8425
June	100331	30439	61158	56148	23030	36524	27004	-11932	6343	11280	9740	10602
July	49211	8433	24511	33471	8530	17846	24004	-3798	2608	11850	8530	10840
August	14543	896	7363	12000	3140	8072	5064	-10761	-489	12000	3140	8072
September	13259	-2363	5061	10600	2480	7200	10128	-6963	-632	10600	2480	7200
October	10766	46	5368	12070	5310	10020	3164	-10048	-2234	12070	5310	10020
November	14038	1872	7305	13405	6902	10640	7536	-8793	167	13405	6932	10632
December	28544	3269	9829	14180	9740	12425	13169	-10676	-2015	13180	6793	9961
YEAR	100331	-8510	13405	56148	2480	12332	27004	-20130	-17	13405	2480	9111

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1974 WATER USE SUMMARY

9408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	30322	-2168	9792	12330	7035	11226	9285	-9285	120	12330	7035	11226
February	9741	-685	4945	15197	11650	13513	2464	-7429	-3219	12510	8960	11946
March	11408	-1814	5304	18260	14000	16131	3636	-15292	-4678	12260	8940	11093
April	56776	4480	20100	30190	15560	20474	15334	-1830	4855	11290	9600	10735
May	59530	16414	39760	36660	14780	28970	26540	-15400	2430	11820	10170	10867
June	112363	31038	74476	56910	20640	45719	26586	-6330	6998	12640	10570	11465
July	50021	10968	26930	54390	11220	25140	12027	-15825	-101	12870	10690	11744
August	14331	89	7067	11770	5280	9389	6329	-5696	-673	11350	5280	8331
September	10341	-1211	3541	11121	2249	6261	10129	-4432	506	11121	2249	6261
October	8359	-2715	2463	11460	4040	7736	6330	-6331	102	11460	4040	7736
November	10724	-3621	2927	12320	6266	11108	8862	-8862	-1033	12320	6266	11108
December	11731	-1868	2820	12560	7950	11364	4395	-9420	-3703	12560	7950	11364
YEAR	112363	-3621	16679	56910	2249	17159	26586	-15825	132	12870	2249	10314

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1973 WATER USE SUMMARY

94408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	8163	-857	3071	12660	6650	10504	3715	-7429	-2888	12660	6650	10504
February	6826	-2038	3240	13534	11180	12448	1231	-10472	-3809	13534	11180	12448
March	7532	260	3865	12970	7010	9916	3582	-9759	-5521	12970	7010	9916
April	18731	-928	7276	7700	5000	6907	7762	-10745	-39	7700	5000	6907
May	58684	8385	28560	12240	6940	8791	28061	-1194	10993	12240	6940	8791
June	47003	17575	28952	14260	11643	12917	21182	-1899	7349	13950	11643	12868
July	18068	1958	8280	13260	6710	10416	5697	-4432	-469	12760	6710	10400
August	8151	-3224	2590	7870	3500	5947	7597	-4432	490	7870	3500	5947
September	7989	-2666	1821	5560	1600	2619	4430	-5697	-801	5560	1600	2619
October	9486	-4462	2025	10550	2190	6571	5064	-10078	-1142	10550	2190	6571
November	17791	-7069	6547	9960	2320	7434	10049	-10048	-732	9960	2320	7434
December	15828	-1101	5730	11980	3180	8745	7536	-13618	-3844	11980	3180	8745
YEAR	58684	-7069	8511	14260	1600	8582	28061	-13618	-19	13950	1600	8577

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1972 WATER USE SUMMARY

9408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	10967	-5182	3319	14130	7640	13018	5543	-13552	-3633	14130	7640	13018
February	10577	-1933	3475	13500	6090	10282	4270	-10421	-3889	13500	6080	10282
March	20779	3717	11772	18300	7000	12742	10302	-5454	2395	13990	7000	11263
April	23950	6088	13021	19660	16270	18166	6101	-6710	-1117	13090	8100	10928
May	79545	19445	45484	37860	17120	26240	27104	-6743	7860	12830	7200	11343
June	99639	32020	60623	51610	22300	37484	23050	-8862	5338	12610	10700	11968
July	39025	10034	21312	25160	7170	15585	8230	-7596	327	14300	7170	12126
August	12949	2962	7633	10990	3300	6004	4430	-5697	82	10990	3300	5951
September	8168	-3502	3675	9290	2500	5660	6331	-5697	-126	7580	2500	5485
October	10411	-2417	4003	12320	7060	8313	7645	-7597	82	10879	7060	7843
November	8389	-2733	3350	12103	6550	9704	5045	-11305	-3343	12103	6550	9355
December	10576	-3511	3291	12610	4913	10269	3115	-9968	-3057	12610	4913	10269
YEAR	99639	-5182	15088	51610	2500	14442	27104	-13552	97	14300	2500	9990

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

94408

1971 WATER USE SUMMARY

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	21279	-678	4936	14100	5800	11946	4928	-8603	-2282	14100	5800	11946
February	26178	3305	11763	14430	9740	13132	10439	-11033	-3732	14430	9740	13132
March	10902	-2477	4610	13700	8290	10253	4214	-13348	-3508	13700	8290	10253
April	32268	2490	14259	20900	9040	13827	17691	-1830	6028	12600	9040	11304
May	84998	24719	53654	41380	18180	30682	26463	-13082	7174	13900	8100	11861
June	67544	27808	48862	43950	19950	33389	10761	-7511	4092	13880	11850	13019
July	27869	9612	20010	27760	10500	17202	6963	-5064	265	13700	10500	12495
August	12221	1177	6905	10950	4760	7919	6963	-6331	-673	10950	4760	7919
September	8618	-3222	3379	11330	4310	7167	9496	-6963	-590	11330	4310	7167
October	10558	-3241	3077	11630	5860	8995	6279	-8722	-2999	11630	5860	8995
November	11126	-2575	3362	12190	7590	10097	7475	-8164	-290	12190	7590	10097
December	12034	-7611	2868	13930	10350	12753	4360	-11761	-2803	13930	10350	12753
YEAR	84998	-7611	14803	43950	4310	14779	26463	-13348	63	14430	4310	10899

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1970 WATER USE SUMMARY

94408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESERVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	6824	-548	3219	12100	3930	7571	0	-11089	-4583	12100	3930	7571
February	8509	-155	3479	8550	4270	5913	2439	-7931	-2655	8550	4270	5913
March	10050	-1668	3458	9370	5750	7480	4213	-7224	-3292	9370	5750	7480
April	12307	-5188	5045	10000	7170	8578	8408	-7224	522	10000	7170	8578
May	70378	6445	39607	33310	5720	17825	29257	-3011	10789	13600	5720	11792
June	79327	26530	49462	41660	17520	28407	15700	-3164	6527	13560	12510	13340
July	25170	4806	12839	19120	6700	10652	4431	-5065	-346	14650	6700	10198
August	9539	-1553	4550	9720	4700	7848	7597	-6329	-244	9720	4700	7848
September	11667	-3623	2573	11350	7680	9164	7596	-7597	-1054	11350	7680	9164
October	9510	-1464	3664	13150	6570	10549	6329	-9419	-2008	13150	6570	10549
November	11472	-1872	3469	10660	4690	6536	3738	-7485	-2618	10660	4690	6536
December	8221	-5012	3560	14000	4600	11088	4929	-11101	-2095	14000	4600	11088
YEAR	79327	-5188	11265	41660	3930	10985	29257	-11101	-76	14650	3930	9196

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1965 WATER USE SUMMARY

94408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESERVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	12245	1565	5417	14300	10500	12824	2477	-10515	-3424	14300	10500	12824
February	5521	1445	3824	14550	13940	14158	-610	-9808	-3236	12620	5530	8198
March	9785	367	4052	14290	10170	13086	611	-9720	-4047	10000	4320	7942
April	47684	4868	23939	29240	5450	19058	19644	-2407	8518	8500	4780	7303
May	65530	23507	41458	31600	16540	26825	17863	-8624	3196	12110	4280	9096
June	52449	18782	32544	27640	7350	18278	17584	-2531	5594	11600	6850	9892
July	35081	5612	15140	26200	7430	13052	2531	-2531	-203	13360	7370	9776
August	9784	-1405	4035	13490	6430	9632	3758	-5454	-571	13490	6430	9304
September	8722	-1274	3047	14630	4370	10600	5697	-6963	-948	14630	4370	10600
October	9937	-3182	4151	13200	7300	10336	5652	-11305	-2753	13200	7300	10336
November	7662	-1668	3117	13310	3590	7918	4332	-13706	-1887	13310	3590	7918
December	9481	-2855	3229	14270	4250	9638	8666	-9903	-1037	14270	4250	9638
YEAR	65530	-3182	12056	31600	3590	13657	19644	-13706	-71	14630	3590	9417

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1988 WATER USE SUMMARY

94408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESERVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	8267	-2726	3201	13900	12160	13275	3737	-12381	-3155	13500	12160	13275
February	10625	1252	4850	12870	3200	6965	1839	-8009	-3177	12870	3200	6965
March	11416	3185	7223	15210	2580	8716	4880	-12763	-3399	8060	2580	5809
April	13064	1523	6549	9800	6470	8204	3612	-6622	-3155	9800	6470	8204
May	56558	12648	31464	13810	6750	11387	29382	0	11741	13810	6750	11387
June	62538	25727	40945	40200	13000	26207	19936	-6330	6465	13700	8470	12116
July	22109	5719	13519	22110	4100	11909	3165	-3758	-203	13870	4100	10592
August	15129	731	6116	15000	2630	5841	5064	-4430	143	9380	2630	5614
September	20598	1276	9259	17810	4890	9821	12659	-7556	-105	10640	4890	7387
October	14256	2341	9155	12900	4720	9911	13292	-7557	-714	12700	4720	9627
November	11559	2035	7669	13170	5850	10820	2513	-11532	-3106	13170	5850	10820
December	10287	-1284	4830	13830	4510	11908	4361	-8722	-2570	13830	4510	11908
YEAR	62538	-2726	12102	40200	2630	11244	29383	-12763	-90	13900	2630	9487

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1967 WATER USE SUMMARY

94408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESERVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	13569	-3706	4403	13690	5720	10545	7537	-11838	-3112	13690	5720	10545
February	7245	-2927	4389	14000	6670	11815	3096	-12259	-5999	14000	6670	11815
March	9481	-1562	3741	14070	9450	12110	607	-12200	-5201	14070	9450	12110
April	15056	-1852	7316	12300	7050	9613	10148	-8452	1365	12300	7050	9440
May	90504	4835	40193	37430	5830	18301	34940	-7225	5820	13750	5670	11495
June	77381	43402	61169	45350	21610	37009	13132	-11214	5642	13680	8460	12446
July	43231	6946	19056	34770	5660	14115	6962	-14559	755	14550	5660	11095
August	9370	-2218	4569	8600	1730	4832	2533	-3165	-60	8600	1730	4832
September	8255	-2310	2133	13750	2000	6819	5697	-7595	-527	13750	2000	6819
October	9211	-2010	3713	12360	1980	7990	5064	-7557	-591	12360	1980	7990
November	5147	936	4851	11730	3070	7655	6329	-4432	-948	11730	3070	7655
December	8578	-2353	3089	14200	10170	12599	5023	-12460	-3250	14200	10170	12599
YEAR	90504	-3706	13224	45350	1730	12764	34940	-14559	-144	14550	1730	9897

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1966 WATER USE SUMMARY

94408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESERVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	8640	315	4264	15300	7480	12725	8099	-10591	-1003	15300	7480	12725
February	6562	-1834	3161	14850	12000	14308	-3079	-14167	-9187	14850	12000	14308
March	13942	-2265	4350	13670	5950	9590	4180	-13332	-4293	13670	5950	9590
April	22322	7522	14619	10250	6580	8453	7822	-4816	2381	10250	6580	8453
May	69148	11225	37030	34680	6880	15459	31019	-612	11696	14240	6880	11565
June	68022	21557	40401	38770	23150	29107	12002	-4431	4762	13720	11070	13270
July	26859	6171	14510	27130	5200	14577	5064	-5063	-19	14880	5200	11206
August	7193	641	3967	8330	1160	4439	8228	-4432	163	8330	1160	4439
September	7882	-3599	3277	12130	3930	8819	8230	-8228	-1265	12130	3930	8819
October	8371	-2595	2846	14200	9310	12806	2531	-8230	-1869	14200	9310	12806
November	11287	-911	4147	14160	6830	11452	7475	-10676	-501	14160	6830	11452
December	9248	774	4586	12520	4980	8363	8862	-8792	-121	12520	4980	8363
YEAR	69148	-3599	11452	38770	1160	12472	31019	-14167	124	15300	1160	10553

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1965 WATER USE SUMMARY

94408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	8413	2371	5092	15790	7230	12124	4952	-6809	-338	14650	5020	11165
February	8630	-941	4833	21140	12650	17101	0	-11089	-4337	14560	7090	10941
March	10219	-2904	5465	23330	18300	21585	4290	-18306	-3056	13480	7670	12159
April	48383	4180	18827	23810	12120	15927	19003	-9696	2954	14740	11410	13406
May	68958	24755	43365	39570	15290	26896	20842	-8001	5397	15290	10760	13505
June	77441	29073	55708	50660	17120	32822	11313	-5607	5362	14490	11980	13492
July	32023	8423	19747	26420	9050	17064	5698	-5064	204	13990	8710	12257
August	11130	3114	7831	11130	3490	7893	3165	-3798	-60	10170	3490	7724
September	11603	3002	7030	9670	2830	7347	3166	-3165	-147	9670	2830	7347
October	8820	1566	5382	10470	4150	7900	5064	-6330	-1081	10470	4150	7900
November	8721	455	4577	10880	4890	8247	2532	-8792	-2663	10880	4890	8247
December	7083	104	4186	15180	6700	12589	3738	-6908	-1206	15180	6700	12589
YEAR	77441	-2904	15185	50660	2830	15607	20842	-18306	108	15290	2830	10897

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1964 WATER USE SUMMARY

94408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	8019	-6826	2612	13010	6260	10650	6230	-9992	828	13010	6260	10650
February	6139	-1261	2562	14370	10220	12793	1257	-12380	-7582	14370	10220	12793
March	9395	-7985	2873	16900	8100	13065	609	-13486	-6977	14450	2420	11463
April	13531	1584	6569	9380	5370	7542	6622	-6019	642	9380	4200	7076
May	74037	16641	37059	33130	6600	15105	35219	-1238	13106	13650	5820	10871
June	149544	34751	66661	61830	27340	48109	56692	-12760	3741	12760	7900	11313
July	36442	6885	20039	39260	8190	19813	5064	-6331	82	12430	7460	10760
August	10823	967	5754	8850	1280	5584	8863	-3798	143	8850	1280	5584
September	13482	2670	5498	13240	3620	5896	2533	-3799	-421	9290	3620	5693
October	9308	1422	5908	10000	2190	6574	5064	-5698	-673	10000	2190	6574
November	9597	400	4860	12540	4030	9310	1247	-10049	-3852	12540	4030	9310
December	12797	1679	6350	14630	6260	10915	4952	-7476	-1584	14630	6260	10915
YEAR	149544	-7985	13881	61830	1280	13742	56692	-13486	-174	14630	1280	9410

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1963 WATER USE SUMMARY

94408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	8300	678	3962	14660	9080	13653	1884	-8682	-3499	14660	9080	13653
February	38039	-3528	6754	14280	6150	11602	29093	-11761	-4798	14120	6150	9867
March	17513	404	5306	13220	5910	9874	6622	-12673	-5708	13220	5910	9808
April	20022	3774	10536	16600	9160	12671	8484	-6020	3027	13770	8020	11126
May	46499	18576	29720	19980	2480	10786	25121	-2439	12218	13800	2480	7931
June	47870	17340	32350	30240	13850	22487	11393	-6330	1604	9990	4040	6675
July	29803	5924	14278	33700	4640	14340	4431	-3799	-60	10320	3690	7143
August	6898	1451	4082	6590	1270	4111	2531	-3798	-40	6590	1270	4111
September	6312	154	3154	5050	1100	3248	5696	-2533	-20	5050	1100	3248
October	10818	-1514	2346	9930	880	5730	5064	-7596	-2506	9930	880	5730
November	7743	-272	2618	8370	1500	4639	3739	-8165	-2420	8370	1500	4639
December	8151	-3508	2450	12220	1300	8507	9346	-8098	623	12220	1300	8507
YEAR	47870	-3528	9795	33700	880	10118	29093	-12673	-100	14660	880	7699

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1962 WATER USE SUMMARY

94408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	7888	3	2900	20120	6500	13798	4332	-8008	-2706	14750	6500	13423
February	7320	1247	4242	21940	8440	17318	-4269	-11515	-7377	13920	8440	12361
March	7869	1067	3618	10170	2940	6321	598	-6622	-3170	10170	2940	6321
April	49582	5062	21601	23020	2840	10661	22423	-597	8915	13720	2840	9010
May	52041	18925	38735	33380	22670	26054	9254	-5518	3935	13650	6660	12738
June	46515	22339	37106	33790	13530	20391	17952	-7427	7017	13960	7740	10968
July	27734	3188	11941	20637	5888	12116	12660	-6329	-244	13336	5888	10308
August	13626	-783	4672	9100	1020	4537	7597	-7596	143	9100	1020	4537
September	6612	-489	3032	5440	1050	3129	5065	-3798	-83	5440	1050	3129
October	10306	-3662	4754	9400	1550	4848	7596	-5697	-81	9400	1550	4848
November	10778	1151	5307	10160	2990	6435	4430	-5696	-1160	10160	2990	6435
December	8852	686	5303	13740	8350	11456	3139	-6908	-1522	13740	8350	11456
YEAR	52041	-3662	11945	33790	1020	11387	22423	-11515	332	14750	1020	8781

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1961 WATER USE SUMMARY

94408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	9573	-1496	2953	10870	3680	7167	3079	-10409	-4094	10870	3680	7167
February	12066	416	4977	12370	2940	8139	7356	-4271	1177	12370	2940	8139
March	11561	1348	5727	14510	9460	12914	6101	-4880	-492	14510	9460	12914
April	19434	3167	12129	25000	11880	17390	13552	-2464	3991	14720	11880	14021
May	94458	16966	45578	46050	15470	28908	25542	-4928	5640	15590	7050	13239
June	83184	14463	48857	50830	15720	37304	11393	-5065	2357	14610	7525	12942
July	20331	1652	10151	17540	5450	10318	6963	-5697	-162	14640	5450	10056
August	9842	260	3492	6510	1070	4065	4430	-4430	-612	6510	1070	4065
September	9378	-2059	3179	13570	1050	4918	8228	-9496	-421	13570	1050	4918
October	8979	-1668	4933	14240	2500	7177	4396	-8164	-1318	14240	2500	6960
November	7857	342	3791	7950	2740	5661	3115	-7475	-2396	7950	2740	5661
December	6001	-2352	3135	13900	3650	10427	4952	-8054	-1681	13900	3650	10427
YEAR	94458	-2352	12419	50830	1050	12867	25542	-10409	150	15590	1050	9216

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1960 WATER USE SUMMARY

9408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	7449	-1403	4158	13180	3310	9511	8047	-12958	-3727	13180	3310	9511
February	13631	-7835	3736	14220	7090	11107	11761	-15400	-1828	14220	7090	11107
March	22932	1551	6629	20795	5690	14455	10302	-15210	-5851	14550	5850	11768
April	37114	8243	20569	25770	13810	21835	17123	-7355	4348	11670	5820	8464
May	61619	14178	29967	35150	6325	20436	24135	-9874	3155	9620	5220	7996
June	81173	27154	45733	49930	14880	28547	32307	-5697	8115	13600	6190	8810
July	32537	4056	16083	31250	8220	16717	3798	-8230	-652	14580	8220	11954
August	17604	407	5745	10350	2120	5446	13294	-6329	306	10350	2120	5427
September	6544	-3169	3333	6360	2560	4266	3166	-6963	-927	6360	2560	4266
October	8256	-555	2965	6300	2380	4935	3769	-6331	-1970	6300	2380	4935
November	11394	-2484	3869	6870	2500	5184	5616	-9354	-1314	6870	2500	5184
December	8365	-4971	2819	10260	4200	7336	1247	-9345	-4258	10260	4200	7336
YEAR	81173	-7835	12112	49930	2120	12462	32307	-15400	-407	14580	2120	8362

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1959 WATER USE SUMMARY

94408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	15109	-1342	7376	21970	7710	16538	11837	-13000	-4307	13550	3070	6586
February	13814	444	5126	20150	9670	16533	1219	-11072	-5410	12120	4045	8585
March	9155	25	4391	13490	6440	10276	11438	-9633	-390	12510	2700	8447
April	36936	6550	19283	26690	5780	20615	18390	-1839	5086	10380	4860	7370
May	53568	23731	38611	31210	25370	27801	12919	-9195	1669	12560	6540	8936
June	91152	39415	65587	50760	31180	41747	25435	-4360	7530	12600	6240	10210
July	37371	8808	23447	37150	11170	22458	13926	-5698	735	14350	5430	10905
August	10511	402	6475	10610	2680	6274	4432	-7596	225	10610	2680	6274
September	18066	1307	8338	17835	3900	8161	7597	-8229	169	9320	3900	7303
October	23611	4858	14041	27825	5410	14237	5697	-5697	-285	11895	4660	6533
November	24032	1598	10540	16360	5610	11768	12661	-12027	-1033	13040	4720	6930
December	13596	2178	7412	16940	6280	11072	4397	-10047	-2618	8000	5290	6211
YEAR	91152	-1342	17562	50760	2680	17260	25435	-13000	129	14350	2680	7833

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1958 WATER USE SUMMARY

94408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	7260	-1963	2143	9310	2000	6860	611	-7569	-4038	9310	2000	6860
February	8697	-1371	3224	9900	1850	5725	1219	-9089	-2953	9900	1850	5725
March	7894	-1258	3448	10770	3890	7394	-596	-8484	-4379	10770	3890	7394
April	25078	3692	10052	7170	1700	5224	13134	-6019	2153	7170	1700	5224
May	75529	9100	49159	49280	2970	20403	38603	-6508	16516	9490	2970	6546
June	49810	9250	26776	35450	12410	19345	9496	-6330	696	10720	3870	8037
July	18825	459	7719	14470	3250	8209	13926	-11395	-489	11910	3250	7228
August	5083	254	2879	3960	360	2519	3798	-3165	368	3960	360	2519
September	7441	-3061	2878	7960	2000	5740	3768	-9459	-2880	7960	2000	5740
October	10084	-1867	5111	9240	1900	5453	3140	-6908	-364	9240	1900	5453
November	16483	401	7112	12080	2025	5616	10692	-6281	2456	12080	2025	5616
December	15000	-3546	7125	22770	6830	13310	8229	-17052	-4309	13990	2610	6685
YEAR	75529	-3546	10685	49280	360	8840	38603	-17092	253	13990	360	6088

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1957 WATER USE SUMMARY

94408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second) Maximum	Minimum	Average	DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second) Maximum	Minimum	Average	DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days) Maximum	Minimum	Average	DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second) Maximum	Minimum	Average
January	6938	-857	3276	15480	12740	14330	2441	-6743	-2011	15480	12740	14330
February	7315	687	3278	12840	5810	9475	1219	-5490	-2733	12840	5810	9475
March	6123	1290	3775	12260	4490	7990	-1751	-9632	-4240	12260	4490	7990
April	22954	1515	8670	7530	3730	4929	7761	-4776	1413	7530	3730	4929
May	81446	40223	53826	42860	8250	21308	43900	-5652	16489	13760	8250	10820
June	52062	13614	31310	34020	11660	21216	14558	-3165	1836	12610	7180	10387
July	19161	3157	8684	14330	2530	8399	5698	-6331	-40	12060	2340	7819
August	7200	-841	2962	7740	2100	3782	2533	-5697	-693	7740	2100	3782
September	8135	-6623	1722	9420	2840	5759	6331	-10129	675	9420	2840	5759
October	10613	-4050	2614	12310	4870	8987	6963	-10762	-2303	12310	4870	8987
November	6736	-1596	2421	13930	10620	12649	3768	-5652	-1923	13930	10620	12549
December	12444	-4015	2711	14000	5580	11902	1246	-11213	-4162	14000	5580	11902
YEAR	81446	-6623	10490	42860	2100	10903	43900	-11213	213	15480	2100	9114

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1956 WATER USE SUMMARY

94408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	14583	-3477	5288	13650	7170	11653	7321	-7321	-1730	13650	7170	11553
February	7183	2013	3994	14170	11330	12908	2423	-3635	-1357	14170	11330	12908
March	11005	1422	4590	13460	8920	12590	6666	-3637	274	13460	8920	12590
April	40519	216	18876	23380	12520	17946	13420	-8582	3654	13160	6200	11127
May	107056	15435	52159	50610	18700	28722	42006	-7929	9298	11860	6510	10272
June	89448	22152	50310	54230	20960	38090	17091	-15166	1855	12100	6100	10522
July	25209	5118	15940	25440	9350	15870	8862	-8862	-387	13870	6650	11138
August	10551	-1044	5852	8470	2450	4996	7595	-4430	796	8470	2450	4996
September	9537	-3012	3809	11140	4140	8399	2531	-13223	-3741	11140	4140	8399
October	9146	-1275	4518	11470	2840	9090	4360	-10591	-2192	11470	2840	9090
November	9489	-4035	3902	13675	4810	11093	3080	-12349	-3214	13675	4810	11093
December	13323	-1332	4256	14790	12310	13820	5544	-11038	-1942	14790	12310	13820
YEAR	107056	-4039	14463	54230	2450	15407	42006	-15166	123	14790	2450	10525

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1955 WATER USE SUMMARY

94408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	8719	-1407	3755	14585	5390	13230	9241	-8582	-2815	14585	5390	13230
February	22287	-13256	3435	14560	8290	13445	13276	-20500	-6163	14560	8290	13445
March	18045	-8650	2524	9990	7680	8849	14448	-14448	-853	9990	7680	8849
April	12250	928	5362	8190	6110	6967	5374	-4812	-598	8190	6110	6967
May	56800	4882	26448	15595	7570	10623	26672	-6567	7575	12150	7570	10218
June	70223	28963	49221	43670	15190	24685	31425	-6279	10754	12910	6510	11296
July	37205	3688	21757	34050	8040	21507	14599	-11433	184	11820	4530	9383
August	11176	1514	5290	12610	2380	5947	3797	-5696	-509	12610	2380	5947
September	11814	-3986	3165	11820	3200	8091	1883	-12660	-4940	11820	3200	8091
October	13508	-2123	6841	11010	4190	7956	6809	-11762	-822	11010	4190	7956
November	18345	900	7508	13940	2490	9524	11761	-11142	-1897	13940	2490	9524
December	16062	-1552	6272	14200	6070	11792	3696	-12305	-4337	14200	6070	11792
YEAR	70223	-13256	11821	43670	2380	11867	31425	-20500	-333	14585	2380	9703

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1954 WATER USE SUMMARY

94408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	13478	-2074	2976	7540	2370	6050	9091	-7271	-644	7540	2370	6050
February	10730	-1811	3363	15125	5720	9362	4243	-7877	-475	8520	4085	6734
March	17309	-6853	3419	13300	5630	8671	11344	-13731	-4066	8540	4510	6976
April	22224	-1523	9453	15620	3140	9131	18060	-4775	5475	9600	3140	6300
May	108742	8794	53339	46430	15120	28928	33557	-11303	10314	9410	7865	8894
June	61251	31373	49840	48260	15390	33236	29516	-8862	3761	9880	8660	9152
July	61228	9043	31632	51250	3950	29001	24687	-13292	163	9140	3680	5521
August	17707	847	8248	10870	4940	8156	12660	-5696	123	9295	3530	7661
September	12334	-395	5604	11005	1850	5771	7596	-8228	-421	9180	1850	5503
October	13211	-2133	4765	9200	1710	6300	8230	-7597	-1347	9200	1710	6300
November	14657	-3851	5405	10000	5850	8859	7477	-12461	-3675	10000	5850	8859
December	10788	-1805	4467	14020	5820	12794	8007	-10523	-3117	14020	5820	12794
YEAR	108742	-6853	15284	51250	1710	13888	33557	-13731	507	14020	1710	7611

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1953 WATER USE SUMMARY

94408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESERVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	12202	-4350	4125	7210	5730	6818	6710	-9760	-1731	7210	5730	6818
February	11255	96	4541	6390	3520	5938	4849	-6061	-2035	6390	3520	5938
March	9332	-4666	3170	7355	4730	6064	3010	-10908	-3256	7355	4730	6064
April	35920	-2841	10277	7510	3840	5224	17457	-8358	2279	7510	3840	5224
May	55332	19109	33813	19750	5010	13577	23293	-610	10483	9120	3430	7413
June	81654	25956	53125	47095	5430	30853	21804	-8165	5708	8023	5430	7190
July	33383	4390	19764	22930	6850	14483	8230	-6354	245	9040	3750	7582
August	11370	1225	5484	7530	1680	4654	5064	-6329	20	7530	1680	4654
September	6875	-2652	2560	9390	1590	7161	3798	-11932	-4840	9390	1590	7161
October	10910	-8724	2468	9370	4310	7342	8008	-14785	-4292	9370	4310	7342
November	13672	-4194	2624	8850	4440	7551	6160	-9808	-1760	8850	4440	7551
December	7873	-3977	2617	8708	5230	7635	1219	-10579	-3366	8708	5230	7635
YEAR	81654	-8724	12053	47095	1590	9775	23293	-14785	-202	9390	1590	6728

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1952 WATER USE SUMMARY

94408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	8450	-382	3845	10100	8140	9159	0	-8722	-5352	9710	8140	9060
February	6969	1365	3968	12720	7910	11818	-4213	-11035	-7848	9190	6190	8093
March	7567	582	3306	8517	4030	5990	1195	-7224	-2682	7860	4030	5938
April	54958	-277	21309	28150	3340	10456	28838	-4727	10853	6640	3340	5392
May	55575	31681	45292	38760	19870	31902	25698	-3715	6332	6950	4000	6063
June	38885	13833	28012	27220	8320	19127	16432	-6330	2672	7680	2530	6426
July	22341	5804	11056	22110	5680	10689	10771	-7595	204	9195	2910	6921
August	12207	-251	3969	6838	1400	4093	6329	-6329	-203	6838	1400	4093
September	10543	-5787	2301	6690	1340	4791	6329	-12561	-2441	6690	1340	4791
October	5970	-2500	1700	7435	4870	6062	0	-9286	-4383	7435	4870	6062
November	6698	-3737	2022	7285	5515	6683	1848	-9241	-3206	7285	5515	6683
December	6621	-4572	1630	8830	6790	7160	3065	-7356	-1779	8830	6790	7160
YEAR	55575	-5787	10708	38760	1340	10654	28838	-12561	-641	9710	1340	6387

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1951 WATER USE SUMMARY

94408

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	12352	494	6347	24540	5220	14665	2464	-18650	-8316	9660	3825	7875
February	18578	2863	8251	17310	5850	11935	12238	-11591	-3682	9680	5850	8717
March	12289	912	4872	15070	4335	8935	597	-10509	-4062	9420	4335	7971
April	38047	4036	16760	17920	3440	11446	20127	-1211	5314	7580	3440	6540
May	80414	29849	53699	54470	20380	41752	37434	-8862	11947	8970	3755	6422
June	62663	21475	37862	56260	23340	36892	11395	-23385	971	8330	5240	7415
July	39545	1292	24283	42710	8890	24201	13926	-10761	82	9435	4810	8460
August	11553	-3404	6936	9150	1400	6997	6330	-9494	-60	9150	1400	6997
September	17636	-2708	5885	11850	2690	5927	9496	-14558	-41	7100	1510	4750
October	16177	5779	10060	17520	5240	9755	4430	-6331	265	10050	3800	7048
November	11755	-544	7278	13840	5365	8966	4430	-8229	-1687	9120	5365	7775
December	19865	-3945	5481	9420	3960	8052	11305	-13189	-2570	9420	3960	8052
YEAR	80414	-3945	15689	56260	1400	15829	37434	-23385	-137	10050	1400	7340

94408

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1950 WATER USE SUMMARY

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	9285	-7210	4296	12175	7085	9939	1238	-16030	-5642	9430	7085	8422
February	6969	2331	3933	12450	6420	9329	-1204	-8540	-5396	9220	6420	8435
March	9147	2362	5139	6760	5410	5929	2389	-4178	-789	6760	5410	5929
April	24855	4316	11388	13060	4970	7762	19105	-4242	3626	6930	4650	5808
May	65235	7056	36067	42350	11950	24419	41685	-5454	11648	7050	3300	6327
June	89170	35815	57958	63640	42190	52068	43960	-12880	5930	7200	4610	6727
July	61151	10976	30927	59240	7607	32799	13294	-18358	-1872	9210	4200	7050
August	17645	3256	8640	20820	3660	8804	6330	-5064	-163	8940	3660	7395
September	7250	-3249	3442	5810	1700	3885	3798	-6329	-442	4520	1700	3537
October	15570	-328.	7616	21820	2031	7228	5064	-6963	388	7460	2031	5221
November	18254	-2347	8204	19520	3200	8584	8862	-7597	-379	7970	3200	6580
December	20650	1033	9108	17985	5950	11389	8792	-10128	-2280	9200	3874	6894
YEAR	89170	-7210	15607	63640	1700	15194	43960	-18358	414	9430	1700	6529

94408

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1995 WATER USE SUMMARY

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	9934	-10334	2675	14645	8540	11516	-2423	-24639	-8841	4550	4220	4470
February	7873	-4910	2465	8315	4300	5190	1203	-12040	-2723	4680	2910	4533
March	5676	1614	3088	4925	4385	4569	1181	-2986	-1480	4600	4367	4452
April	34560	2833	16252	18700	3600	8737	16255	-1182	7555	4730	2130	4246
May	76267	23282	45735	46490	20060	35252	39177	-5025	10483	5295	1750	4204
June	46490	11463	26583	46490	9575	24411	12660	-4397	2172	7710	3860	6422
July	15871	377	8154	15040	4670	8255	8230	-7596	-60	7910	4670	6021
August	9700	-3870	3218	5470	2410	4117	6330	-8230	-897	5470	2410	4117
September	11466	-4461	2394	5250	1580	2563	9496	-6331	-168	5250	1580	2563
October	9735	-5820	2488	7270	3070	4986	3798	-12560	-2497	7270	3070	4986
November	16580	425	5276	7283	4605	6255	9969	-6231	-978	7283	4605	6255
December	9781	-5002	4863	14500	2825	7827	6853	-13062	-2963	8880	2825	7060
YEAR	76267	-10334	10311	46490	1580	10347	39177	-24639	-34	8880	1580	4948

94408

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1948 WATER USE SUMMARY

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	11529	-6810	4075	11920	8020	9359	2464	-18480	-5322	4800	4300	4567
February	13156	-4075	3055	9860	7360	8409	5418	-12810	-5312	5000	4700	4772
March	8473	-2959	3290	7280	3480	5117	4138	-8954	-1826	4800	3480	4448
April	33391	555	13137	15850	3432	6865	23378	-3546	6272	4580	1970	3765
May	101037	21260	53356	69720	17100	34547	50659	0	18809	3900	2480	3498
June	82134	24620	48860	72900	12155	57965	12465	-22540	-9104	3900	0	3070
July	22650	6635	12702	15998	4010	9206	18840	-7597	3496	4500	0	2204
August	12233	-1781	6987	10966	3408	6742	8228	-7596	245	4650	0	4221
September	9829	-4799	3078	4600	1480	3817	6329	-8229	-737	4600	1480	3817
October	6883	-1104	2367	4350	1500	3489	2533	-5064	-1121	4350	1500	3489
November	5744	-475	2265	4400	2605	3856	1884	-4395	-1590	4400	2605	3856
December	6665	-4048	2547	11500	3915	6120	2513	-13618	-3572	4435	3915	4319
YEAR	101037	-6810	12552	72900	1480	12929	50659	-22540	63	5000	0	3833

94408

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1947 WATER USE SUMMARY

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	10576	-3914	3675	11594	7455	8922	1839	-13618	-5246	4485	4220	4368
February	8409	-2775	4252	11613	7295	9614	0	-12200	-5361	4602	4165	4412
March	13413	-4320	5825	10230	6230	7512	6567	-13243	-1686	4595	0	4084
April	53850	5104	19981	23200	6910	12375	30650	-1806	7606	4758	3965	4251
May	89162	38645	54649	56440	25640	46486	40192	-10741	8164	4415	3544	4051
June	52119	19450	38244	46560	10610	36709	18975	-10676	1535	4425	4090	4305
July	22292	3610	13461	30520	4130	12644	11395	-8228	817	4420	2920	4169
August	11243	-2651	5483	10400	3785	5647	6963	-6963	-162	4350	3785	4232
September	9162	-6368	4539	6800	4380	4855	4432	-11395	-316	4480	4085	4354
October	24726	34	10117	32155	4057	11036	10129	-13941	-918	4600	3295	4335
November	11666	1672	6471	13050	6085	9255	3140	-8792	-2783	5202	4158	4359
December	11650	-7819	4140	9170	5185	7725	3115	-16199	-3584	4600	4300	4493
YEAR	89162	-7815	14285	56440	3785	14422	40192	-16199	-136	5202	0	4283

94408

THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1946 WATER USE SUMMARY

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	12931	-3049	3242	9439	7075	7949	5571	-12321	-4706	4591	4302	4403
February	7093	-4502	2881	9758	8192	9066	-1839	-13937	-6185	4545	3749	4426
March	13264	-2370	4601	9765	5938	7607	7164	-11438	-3005	4490	2990	4256
April	45128	7371	20709	24890	6755	12259	24428	-602	8450	4580	1062	3366
May	75318	31801	45238	48287	26300	37006	28260	-1869	8232	4400	1400	4173
June	52068	18053	36122	48500	15088	34668	15825	-11303	1454	4525	2378	4199
July	20253	-5421	13129	23400	3960	12578	9494	-9494	551	5240	0	3749
August	15107	-1953	4339	7760	4960	5850	10127	-6963	-1510	4270	3900	4031
September	11004	-3446	2900	4950	4071	4179	6913	-7536	-1278	4110	3570	4059
October	25053	-12238	4603	4152	3128	3975	21353	-16328	628	4152	3128	3954
November	25655	-11720	5080	5490	3594	4556	20255	-17090	524	4200	2985	3904
December	12608	-2165	5264	12250	4771	9722	3769	-14329	-4457	4332	2830	3896
YEAR	75318	-12238	12378	48500	3128	12463	28260	-17090	-84	5240	0	4074

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THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1945 WATER USE SUMMARY

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	11449	-2688	2750	6350	4800	5553	6129	-7568	-2802	4771	4020	4535
February	8454	-2677	2429	6300	4605	5874	2424	-8532	-3444	4690	3240	4391
March	11567	-4535	2741	6570	5000	5971	6567	-10835	-3229	4780	4100	4617
April	17158	-7221	5140	5470	3741	4603	13002	-11821	537	4695	3741	4533
May	53741	10274	33609	33017	4164	17134	33716	0	16475	4652	0	4076
June	64513	19630	34576	51045	12095	32955	20230	-19468	1621	4982	3897	4368
July	21044	1405	12103	27300	4570	11490	8862	-6329	613	4280	3266	3898
August	7575	-2167	3243	4220	3535	4059	3798	-6331	-816	4220	3070	4027
September	5514	-4028	2522	4225	3975	4120	1884	-8228	-1597	4225	3975	4120
October	6074	-1138	3123	4906	3910	4197	1884	-5651	-1073	4200	3910	4147
November	9188	2276	5753	6520	4085	4601	5024	-3141	1151	4245	4085	4166
December	7145	577	4212	7720	5177	6957	628	-6853	-2744	4667	2855	4284
YEAR	64513	-7221	9378	51045	3535	8956	33716	-19468	422	4982	0	4262

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THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1944 WATER USE SUMMARY

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THRCUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	6408	-3924	1756	4635	3550	4455	1818	-8484	-2699	4635	3550	4455
February	8461	-8350	1744	4480	2440	3612	6021	-12040	-1867	4480	2440	3512
March	14543	-14367	1837	4570	2910	3992	11343	-18507	-2153	4570	2910	3992
April	16188	332	6649	6080	2870	3942	12538	-4178	2707	4510	0	3934
May	38699	8818	23939	16778	3415	9720	31415	1205	14219	4450	3150	4017
June	32074	6455	17599	22500	6665	15077	17674	-6330	2522	4890	3046	4052
July	11990	1054	5438	10600	3365	5132	4432	-5697	306	4220	2820	3791
August	10933	-7535	2209	4050	3760	3923	6963	-11395	-1713	4050	3760	3923
September	10033	-5417	2510	4449	3520	4122	5653	-9421	-1611	4449	3520	4122
October	6239	-1771	2636	4470	3910	4406	1879	-6231	-1770	4470	3910	4406
November	6407	-1941	2588	4550	4090	4428	1869	-6191	-1839	4550	4090	4428
December	8384	-2085	2219	6010	4261	5222	2477	-8009	-3002	4860	4261	4676
YEAR	38699	-14367	5934	22500	2440	5667	31415	-18507	268	4890	0	4079

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THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1943 WATER USE SUMMARY

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	10275	-7613	3452	12180	6040	9537	0	-14711	-6084	4870	4080	4700
February	8456	-3214	3402	11645	5890	8691	1791	-10302	-5288	4840	4610	4772
March	8244	-44	3024	5870	2450	4289	4729	-5374	-1264	4750	2450	4074
April	57382	6063	29456	32980	3910	17459	30650	-9239	11997	4475	1020	3592
May	65690	15733	33030	39690	23019	29274	27340	-9807	3757	4510	4124	4349
June	66457	26871	45941	49260	37510	43123	21969	-14329	2818	4500	3700	4268
July	48055	9932	24711	37667	9300	22998	12585	-3165	1713	4975	3796	4454
August	10139	-1507	5399	8550	4005	6114	5698	-7597	-714	4300	3756	4181
September	9848	-5655	3175	7310	5915	6525	3798	-12560	-3350	4340	4136	4267
October	9574	-3544	2966	7355	6220	6748	3714	-9904	-3781	4910	4250	4559
November	5684	34	2715	7640	3820	5298	1232	-7356	-2582	4855	3500	4526
December	7529	-2930	2161	6090	4395	4783	3065	-7356	-2622	4810	3585	4539
YEAR	66457	-7613	13250	49260	2450	13730	30650	-14711	-439	4975	1020	4364

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THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1942 WATER USE SUMMARY

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second) Maximum	Minimum	Average	DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second) Maximum	Minimum	Average	DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days) Maximum	Minimum	Average	DAILY AVERAGE USED THRCUGH PLANT (Cubic Feet Per Second) Maximum	Minimum	Average
January	8735	128	4257	22815	5255	14243	-602	-20842	-5985	4850	4080	4568
February	5708	856	2991	6460	5005	5812	-596	-4776	-2819	4695	4380	4520
March	10127	-2346	2428	4860	2450	3667	7092	-6501	-1238	4490	2450	3541
April	39805	772	15427	16935	1845	7927	26665	-2363	7500	3135	0	2007
May	64430	14056	29515	34405	16600	22541	34942	-3065	6974	4245	1875	3219
June	50385	14365	31076	42580	6770	24962	29905	-6279	6115	4445	2750	3903
July	29540	1247	15654	33970	6190	15103	12659	-6963	551	4360	2180	3973
August	13149	-2604	4569	7590	5800	6730	6329	-9494	-2160	4420	3730	4113
September	7300	-4212	2592	5970	4120	4686	3140	-10047	-1694	4270	4070	4186
October	7345	-754	2374	4415	4055	4284	3115	-4984	-1908	4415	4055	4284
November	13156	-552	4128	4575	4375	4437	8666	-4952	-309	4500	4375	4433
December	9580	-1646	4187	6645	4960	6122	3080	-8031	-1935	4520	3615	4402
YEAR	64430	-4212	9586	42580	1845	10073	34942	-20842	-85	4850	0	3944

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THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1941 WATER USE SUMMARY

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	10005	-4691	2213	6430	5005	5587	3635	-5656	-2374	4805	2210	4051
February	6714	-3421	2096	6150	4650	5468	1194	-8956	-3372	4795	3360	4503
March	9036	-3387	3218	4650	3130	4296	4776	-7762	-1077	4650	3130	4296
April	17538	2921	9595	7465	3800	5757	10843	-1806	3838	4815	3600	4373
May	29444	8650	20072	19130	3620	5886	24639	3141	14187	4555	3250	4111
June	26955	5915	13069	21560	4405	11297	12660	-5064	1772	3915	1270	3026
July	8569	-2291	4519	12925	3600	5091	3165	-6331	-571	4230	2090	3727
August	9114	-5095	1823	4180	3070	4022	5024	-8165	-2198	4180	3070	4022
September	8575	-3288	3404	4230	2230	3823	4395	-6508	-418	4230	2230	3823
October	12324	-216	5533	6450	3645	4601	8164	-4356	932	4260	3645	4156
November	10687	-3695	4311	6980	5865	6527	4397	-10675	-2215	4340	3760	4213
December	27157	-7565	9068	21800	6960	11954	20027	-27235	-2885	4700	3105	4382
YEAR	29444	-7565	6602	21800	2230	6191	24639	-27235	412	4815	1270	4055

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THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1940 WATER USE SUMMARY

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	6495	-1889	1821	4090	1865	3519	2985	-5971	-1697	4090	1865	3519
February	6031	-119	2490	4270	2590	3435	2956	-3582	-943	4270	2590	3435
March	9760	1316	4291	6775	665	2850	4776	-3581	1442	3100	665	2114
April	20580	2634	11971	12385	4895	8077	10835	-3581	3894	3835	2325	2996
May	41428	15023	29653	31555	12600	21642	20741	1830	8010	3010	1850	2565
June	33012	8353	18893	24345	7830	16116	12419	-6853	2778	4062	1685	2520
July	8728	-3318	5369	8720	3590	4944	5023	-6908	425	4160	2930	3350
August	5337	-1481	2009	4200	4010	4102	1257	-5606	-2092	4200	4010	4102
September	7156	-2176	2322	4180	4005	4118	3096	-6191	-1796	4180	4005	4118
October	8523	-5124	2456	4220	3760	4107	4313	-9284	-1651	4220	3760	4107
November	8454	-4375	2381	4220	3590	3959	4904	-7970	-1617	4220	3590	3999
December	6127	-5545	2196	5580	400	3540	4292	-9195	-1343	4280	400	3129
YEAR	41428	-5545	7161	31555	400	6707	20741	-9284	454	4280	400	3362

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THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1939 WATER USE SUMMARY

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THROUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	9507	-2612	2755	5700	4340	4860	4847	-7272	-2104	0	0	0
February	11360	-3852	1829	7240	4020	5460	6020	-9552	-3630	0	0	0
March	13476	-2593	4036	4660	3440	3922	9456	-7093	114	0	0	0
April	53889	8710	19812	21400	4830	10380	32489	0	9432	0	0	0
May	69461	28171	44824	45200	25000	38784	34371	-14329	6040	0	0	0
June	37286	16425	23850	40400	15900	27303	8046	-13618	-3452	0	0	0
July	17748	-784	9647	17400	4660	9825	6776	-14784	-178	2750	0	395
August	11811	-3440	3062	6150	2950	4810	6161	-9240	-1747	3360	0	1441
September	14596	-7534	1775	5400	4170	5018	9196	-12874	-3242	4080	0	2553
October	9209	-5959	1714	5130	3660	4514	4269	-10369	-2799	4250	3350	4088
November	7430	-7183	1793	4260	2179	3358	4215	-10835	-1564	4260	2179	3358
December	17576	-4035	3118	3930	2070	3041	14990	-7825	78	3930	2070	3041
YEAR	69461	-7534	9896	45200	2070	10129	34371	-14784	-232	4260	0	1255

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THE MONTANA POWER COMPANY

KERR HYDROELECTRIC PROJECT

1938 WATER USE SUMMARY

MONTH	DAILY AVERAGE NATURAL FLOW (Cubic Feet Per Second)			DAILY AVERAGE ACTUAL OUTFLOW (Cubic Feet Per Second)			DAILY CHANGE IN RESEVOIR STORAGE (Second Foot Days)			DAILY AVERAGE USED THRCUGH PLANT (Cubic Feet Per Second)		
	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	9941	-2851	3037	3440	3000	3132	6501	-5911	-94	0	0	0
February	7968	-2851	2580	3240	2820	2981	4728	-5911	-400	0	0	0
March	6786	-114	3503	3310	2820	2931	3546	-2934	572	0	0	0
April	53620	1537	16041	17300	32	7547	46170	-1773	8494	0	0	0
May	74234	12993	37193	43900	18300	27223	36134	-9807	9971	0	0	0
June	55496	21333	37175	48500	30000	41723	8194	-16327	-4548	0	0	0
July	20772	4370	10574	28200	3440	11432	6190	-7428	-857	0	0	0
August	7114	25	3489	6630	1380	3350	3714	-4952	139	0	0	0
September	6742	-34	2510	9340	3150	6667	1226	-8624	-4157	0	0	0
October	13651	-2821	2493	6500	3120	4480	9151	-7321	-1986	0	0	0
November	5630	-1096	2225	3440	2490	2649	3030	-3636	-423	0	0	0
December	16460	-3539	2607	4340	2140	2861	12120	-7879	-253	0	0	0
YEAR	74234	-3539	10303	48500	32	9750	46170	-16327	554	0	0	0

Exhibit_____

KERR MAPS AND ENGINEERING DRAWINGS

Tab 1	General Plan, Sheet 1 Dam; Plan & Elevation, Sheet 2
Tab 2	Powerhouse Operating Floor Plan, Sheet 8 Powerhouse Sections, Sheet 9 Powerhouse Plan & Elevations, Sheet 6
Tab 3	Intake & Penstock Tunnels, Sheet 7
Tab 4	General Map of Project Area, Sheet 1
Tab 5	Detail Map of Project Area, Sheet 1 Detail Map of Project Area, Sheet 2 Detail Map of Project Area, Sheet 3
Tab 6	Detail Map of Project Area, Sheet 4 Detail Map of Project Area, Sheet 5 Detail Map of Project Area, Sheet 6
Tab 7	Detail Map of Project Area, Sheet 7 Detail Map of Project Area, Sheet 8 Detail Map of Project Area, Sheet 9
Tab 8	Detail Map of Project Area, Sheet 10 Detail Map of Project Area, Sheet 11 Detail Map of Project Area, Sheet 13
Tab 9	Detail Map of Project Area, Sheet 14 Detail Map of Project Area, Sheet 15
Tab 10	Domestic and Irrigation Water Use

Kerr

Form No. 76-0 R2/80
STATEMENT OF CLAIM FOR
EXISTING WATER RIGHTS;
OTHER USES - Continuation Sheet

94408

Item 15. Notarized Statement signed by claimant.

STATE OF MONTANA)
:
County of Silver Bow)

I, ROBERT J. LABRIE, having been duly sworn, depose and say that I, being of legal age and being the Vice President, Engineering and Technology, of the claimant of this claim of existing water right, and the person whose name is signed to it as representing the claimant, know the contents of this claim and the matters and things stated there are true and correct.

THE MONTANA POWER COMPANY

By: Robert J. Labrie
ROBERT J. LABRIE

Its: Vice President, Engineering and Technology

SUBSCRIBED AND SWORN before me, this 14th day of April, 1982.

James Lynch
Notary Public for the State of Montana
Residing at Butte
My Commission expires 6-26-82

DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION 05/31/83

ABSTRACT OF CLAIM FOR EXISTING WATER RIGHTS

CLAIM ID 76L -W-094408-00 PRIORITY DATE: 00:00 04/03/1920 TYPE OF RIGHT: FILED CLAIM RECEIVED: ~~05/22/82~~ FEE PAID: $40

TYPE CODE: S MAX RATE: 14,540.00 C (581,600.00 MI) MAX VOLUME: 614,200.00 AF/YEAR MAX ACRES: 0.00

OWNERS: (M) C MONTANA POWER CO
40 E BROADWAY
BUTTE MT 59701

			LOT	BLK	QTR SEC	SEC	TWP	RGE	CO	
SOURCES:	DV 01	FLATHEAD RIVER			SESW	12	22N	21W	LA	MEANS DIVRS-DM

USE: PG 01 0.00 ACRES PERIOD OF USE 199999999997

		ACRES	VER. ACRES	WRS 19__	19__	LOT	BLK	QTR SEC	SEC	TWP	RGE	CO	REMARKS
PARCELS:	001	0.00						SWSW	12	22N	21W	LA	OK PER MARS WITH CLAIM.
	TOTAL	0.00											

REMARKS: ~~SN 01 KERR DAM~~

ADDENDUMS: ✓YES _NO COMMENTS RESERVOIR & REMARK (RN & VM) RECORDS (ALSO 2 GA REMARKS)

SUPPLEMENTAL RIGHTS: IF REF. RIGHT, MAX COMBINED VOLUME FOR ALL RIGHTS _,___,___,__ AF MAX COMBINED ACRES FOR ALL RIGHTS __,___,__

IF SUPPLEMENTAL RIGHT, PURPOSE ID __ __ AND CLAIM ID ____ _ _____ __ OF REF. RIGHT

********** FIELD VERIFICATION FORM **********

COMPARISON STATISTICS: VOLUME BASED ON FLOW RATE AND PERIOD OF USE 10,614,897,920 AF/YR - OVER CLAIMED VOLUME

BASIN OK: ✓YES _NO COMMENTS _____

SOURCE NAME OK: ✓YES _NO COMMENTS _____

TYPE CD (S/G) OK: ✓YES _NO COMMENTS _____

POD OK: DV 01 ✓YES _NO _APPEARS CORRECT _UNVERIFIED COMMENTS CLAIMANT'S MAP

MNS DIVRS OK: _YES _NO ✓APPEARS CORRECT _UNVERIFIED COMMENTS _____

PROOF OF USE: CLAIMED FLOW RATE OK: ✓YES _NO COMMENTS _____

CLAIMED PRTY DATE OK: ✓YES _NO COMMENTS PER BELL FILING OF 1920

DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION 05/31/83

ABSTRACT OF CLAIM FOR EXISTING WATER RIGHTS

CLAIM ID 76L -W-094408-00 (CONTINUED)

FLOW RATE OK: ✓YES _NO COMMENTS 3 turbines - flow rate feasible - SEE REMARKS

VOLUME OK: ✓YES _NO COMMENTS WITH NON-CONSUMPTIVE USE REMARK

PRIORITY DATE OK: ✓YES _NO COMMENTS _____

PERIOD OF USE OK: ✓YES _NO COMMENTS _____

AIR PHOTO VERIFICATION OF DEVELOPMENT: PHOTO N/A PHOTO DATE _____

PHOTO ✓ PHOTO DATE _____

PHOTO ✓ PHOTO DATE _____

TELEPHONE CONTACT: _YES ✓NO DATE COMPLETED __/__/____ BY __ COMMENTS _____

LETTER CONTACT: _YES ✓NO DATE COMPLETED __/__/____ BY __ COMMENTS _____

OWNERSHIP: _YES ✓NO DATE COMPLETED __/__/____ BY __ COMMENTS _____

INTERVIEW: _YES ✓NO DATE COMPLETED __/__/____ BY __ COMMENTS _____

FIELD INVESTIGATION: _YES ✓NO APPROVED BY __ DATE CHECKED __/__/____ BY __ COMMENTS _____

GENERAL REMARKS:

MAXIMUM FLOW USED THRU TURBINES - APRIL, 1961 = 15,590 CFS PER MT. POWER DOCUMENTATION

WATER MASTER RESPONDED ON 9-17-85 REC'D IN KALISPELL 9-25-85.

- USE A GA REMARK RE: PRIORITY DATE.

- SAME REMARKS BY WATER MASTER.

INVESTIGATED BY Judy Jenicke DATE 03/06/1985

REVIEWED BY _____ DATE __/__/____

DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION — CLAIM ID 76L -W-094408-00

ABSTRACT OF CLAIM FOR EXISTING WATER RIGHTS — 03/03/86

CLAIM ID 76L -W-094408-00 PRIORITY DATE: 00:00 04/03/1920 TYPE OF RIGHT: FILED CLAIM RECEIVED: 04/22/82 FEE PAID: $40

TYPE CODE: S MAX RATE: 14,540.00 C (581,600.00 MI) MAX VOLUME: 614,200.00 AF/YEAR MAX ACRES: 0.00

OWNERS: (M) C MONTANA POWER CO
40 E BROADWAY
BUTTE MT 59701

			LOT	BLK	QTR SEC	SEC	TWP	RGE	CO	
SOURCES:	DV 01	FLATHEAD RIVER			SESW	12	22N	21W	LA	MEANS DIVRS-DM

USE: PG 01 0.00 ACRES PERIOD OF USE 199999999997

PARCELS:	ACRES	LOT	BLK	QTR SEC	SEC	TWP	RGE	CO	REMARKS
001	0.00			SWSW	12	22N	21W	LA	
TOTAL	0.00								

REMARKS: SN 01 KERR DAM

ADDENDUMS: _YES _NO (_DVRS _RSRV _POU _RMRK _OWNR) COMMENTS _____

********** FIELD VERIFICATION FORM **********

COMPARISON STATISTICS: VOLUME BASED ON FLOW RATE AND PERIOD OF USE 10,554,599.726 AF/YR (FEASIBLE VOLUME)

BASIN OK: _YES _NO COMMENTS _____

SOURCE NAME OK: _YES _NO (FROM: _USGS TOPO MAP_____, _WR SURVEY) COMMENTS _____

TYPE CD (S/G) OK: _YES _NO COMMENTS _____

POD OK: DV 01 _YES _NO _APPEARS CORRECT _UNVERIFIED (FROM: _AERIAL PHOTO _USGS QUAD _CLMNTS MAP _WRS _GRID ON FLNG _OTHER)
COMMENTS _____

MEANS DIVRS OK: _YES _NO _APPEARS CORRECT _UNVERIFIED (_DAM IS INITIAL DIVRS) COMMENTS _____

POU OK: _YES _NO (FROM: _AERIAL PHOTO _USGS QUAD _CLMNTS MAP _WRS _GRID ON FLNG _OTHER) COMMENTS _____

PROOF OF USE: CLAIMED FLOW RATE OK: _YES _NO _NONE GIVEN _SELF SERV AFF COMMENTS _____

CLAIMED PRTY DATE OK: _YES _NO _NONE GIVEN _SELF SERV AFF COMMENTS _____

DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION — CLAIM ID 76L -W-094408-00

ABSTRACT OF CLAIM FOR EXISTING WATER RIGHTS — 03/03/86

CLAIM ID 76L -W-094408-00 (CONTINUED)

FLOW RATE OK: _YES _NO _NOT QUANTIFIED COMMENTS _____

VOLUME OK: _YES _NO COMMENTS _____

PRIORITY DATE OK: _YES _NO (_APPLIED LAST MONTH OF YR _APPLIED LAST DAY OF MONTH) COMMENTS _____

PERIOD OF USE OK: _YES _NO COMMENTS _____

AIR PHOTO VERIFICATION OF DEVELOPMENT: PHOTO _____ PHOTO DATE _____

PHOTO _____ PHOTO DATE _____

PHOTO _____ PHOTO DATE _____

TELEPHONE CONTACT: _YES _NO DATE COMPLETED __/__/____ BY __ COMMENTS _____

LETTER CONTACT: _YES _NO DATE COMPLETED __/__/____ BY __ COMMENTS _____

OWNERSHIP: _YES _NO DATE COMPLETED __/__/____ BY __ COMMENTS _____

INTERVIEW: _YES _NO DATE COMPLETED __/__/____ BY __ COMMENTS _____

FIELD INVESTIGATION: _YES _NO APPROVED BY __ DATE CHECKED __/__/____ BY __ COMMENTS _____

WATER COURT CONTACT:

MASTERS RFA _YES _NO DATE SENT __/__/____ DATE RETURNED __/__/____. COMMENTS _____

GENERAL COMMENTS:

VERIFIED BY Judy Jember DATE 3/14/1986

REVIEWED BY _____ DATE __/__/____

Form 76-C-1
Rev. 4-82

WATER RIGHT DATA BASE CODING FORM
REMARK RECORD

REMARK RECORD:		ACTION	GEN CODE	GEN	BASIN	ID CODE	ID NUMBER	EXT ID
	06	A	Y	01	76L	W	094408	00

ID TEXT: RM01FLATHEAD LAKE

TEXT:

TEXT:

ID TEXT: VM01XX

TEXT:

TEXT:

ID TEXT: ~~GR01LC~~

TEXT: ~~05/12/1926~~

TEXT:

ID TEXT:

TEXT:

TEXT:

Form 76 C-1
Nov. 4-82

WATER RIGHT DATA BASE CODING FORM
REMARK RECORD

REMARK RECORD:		ACTION	GEN CODE	GEN	BASIN	ID CODE	ID NUMBER	EXT ID
	06	A	Y	01	76L	W	094408	00

ID TEXT GA01 THIS CLAIM PRESENTS ISSUES OF FACT AND LAW THAT WILL

TEXT BE ADDRESSED AT THE OBJECTION STAGE. THE PRIORITY DATE

TEXT IS IN QUESTION.

ID TEXT

TEXT

TEXT

ID TEXT

TEXT

TEXT

ID TEXT

TEXT

TEXT

Form WR06
New 4-80

WATER RIGHT DATA BASE CODING FORM
DIVERSION, WELL, RESERVOIR, SOURCE RECORD

WATER COURTS
Supplemental Document
Claim # 94408

DIVERSION RECORD:

0 9 | ACTION | GEN CODE | GEN # | BASIN | ID CODE | ID NUMBER | EXT ID

ID | PERIOD OF DIVERSION (J F M A M J J A S O N D) | MEANS | PUMP SIZE | RATE | C-G | MAXIMUM RATE | C-G | RELATED ID (BASIN, CD, NUMBER, EXT, DVRS)

RIVER MILE CODE (CD, D1, S1, D2, S2, D3, S3, D4, S4, D5, S5, D6, S6, D7, S7, D8, S8) | U.T. | LOT | BLOCK

QUARTER SECTIONS (Q4, Q3, Q2, Q1) | CNTY | TWP | RGE | SEC | WATER SOURCE NAME

WELL RECORD:

0 7 | ACTION | GEN CODE | GEN # | BASIN | ID CODE | ID NUMBER | EXT ID

ID | DEPTH | WTR LVL | YIELD RATE | CSNG DIAM | PUMP SIZE | RATE | C-G | LOT | BLOCK | QUARTER SECTIONS (Q4, Q3, Q2, Q1) | CNTY | TWP | RGE | SEC

RESERVOIR RECORD:

0 8 | ACTION: A | GEN CODE: Y | GEN #: 01 | BASIN: 76L | ID CODE: W | ID NUMBER: 094408 | EXT ID: 00

ID: 01 | NEW CAPACITY | DAM HT | ENLG: N | EXISTING CAPACITY | SURFACE AREA | QUARTER SECTIONS (Q4, Q3, Q2: SE, Q1: SW) | CNTY: LA | TWP: 22N | RGE: 21W | SEC: 12

SOURCE RECORD:

0 2 | ACTION | GEN CODE | GEN # | BASIN | ID CODE | ID NUMBER | EXT ID

DIVERSION ID | WATER SOURCE NAME

DEPARTMENT OF NATURAL RESOURCES & CONSERVATION
WATER RIGHT SYSTEM
LATE CLAIMS

WATER RIGHT NO.	DATE RECEIVED
76LJ-W-141586-00	05/14/82
42KJ-W-187652-00	05/14/82
43D -W-197710-00	05/14/82
43D -W-197711-00	05/14/82
43D -W-197712-00	05/14/82
43D -W-197713-00	05/14/82
43D -W-206814-00	05/14/82
40R -W-125456-00	05/15/82
76LJ-W-148823-00	05/17/82
76M -W-150217-00	05/17/82
76H -W-151223-00	05/17/82
76H -W-151224-00	05/17/82
76F -W-179240-00	05/17/82
42A -W-181230-00	05/17/82
40L -W-074016-00	05/18/82
40L -W-074017-00	05/18/82
76G -W-092211-00	05/18/82
76G -W-092212-00	05/18/82
40J -W-155639-00	05/20/82
40EJ-W-158808-00	05/20/82
76H -W-120054-00	05/21/82
40J -W-132613-00	05/21/82
41K -W-094393-00	05/22/82
76L -W-094408-00	05/22/82
76L -W-094409-00	05/22/82
76L -W-094410-00	05/22/82
76L -W-094411-00	05/22/82
76LJ-W-147112-00	05/24/82
76E -W-136858-00	05/26/82
76E -W-136860-00	05/26/82
76E -W-136861-00	05/26/82
76E -W-136864-00	05/26/82
76E -W-136865-00	05/26/82
76L -W-150434-00	05/26/82
76L -W-150435-00	05/26/82
76L -W-150436-00	05/26/82
76L -W-150437-00	05/26/82
43D -W-182429-00	05/26/82
76K -W-143765-00	05/27/82
76K -W-143766-00	05/27/82
76LJ-W-148920-00	05/27/82
41P -W-156375-00	05/27/82
42A -W-171885-00	05/27/82
76F -Z-119801-00	05/30/82
76H -Z-119853-00	05/30/82
41D -W-092274-00	06/01/82
76H -W-099794-00	06/03/82
41H -W-136238-00	06/07/82
43D -W-181229-00	06/07/82
40J -W-159584-00	06/06/82
43A -W-138988-00	06/10/82
41S -W-150629-00	06/11/82

Montana Power Co.
All Basins

LOG OF CLAIMS TO BE PROCESSED
From: Helena Field Office To: Helena Bureau Date 1 1

Helena F.O. _____ Date _____

Cent. Serv. _____ Date _____

Type Form(s)	# of Form(s)	Claimant Name	Address	City	State	CR. or Ck.#	Amount	Transmittal No.
	16		Yellowstone Water Division					
	50		Upper Missouri Water Division					94348-94399
	19		Clark Fork Water Division					
	2		Lower Missouri Water Division					

These claims within this range

94348 - 94434

FILED
FEB 18 1986
BY _____

DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

KALISPELL FIELD OFFICE

TED SCHWINDEN, GOVERNOR

STATE OF MONTANA

P.O. BOX 860

(406) 752-2288

KALISPELL, MONTANA 59903

MEMO

TO: Kathryn Lambert

FROM: Judy Jeniker, Kalispell Field Office

RE: Request for Court assistance on:
Montana Power Company's claims in 76L

DATE: March 20, 1985

Following is a list of questions and comments that came to mind during the review of the six claims filed by the Montana Power Co. in 76L.

Claim #94408 - Power Generation

Priority date - claimed priority date of April 3, 1920 (filed appropriation by J.E. Bell)

1909 - first investigation of power possibilites on Flathead River by U.S. Reclamation Service

1916 - Federal Water Power Act passed.
- Rocky Mountain Power Co. applied for permit to survey Flathead River power sites.

1920 - filed appropriation by J.E. Bell.

1928 - filed appropriation by Rocky Mountain Power Co.
- Montana Power Co. aquired land for possible dam construction.

1930 - Federal Energy Commission granted permit for construction.

1936 - dam construction started.

1938 - Kerr Dam completed with water used for first time for power generation.

Is there a question on the claimed priority date?

Flow rate - flow rate claimed - 14,540 cfs.
- seems to be ok for 3 turbines. Montana Power Co. turbine records for April 1961 show 15,590 cfs which exceeds rate claimed.

Volume - volume claimed - 614,200 acre feet per year.
- non-consumptive
- claimed volume is less than active storage of Flathead Lake
- claimed volume is feasible re: claimed flow rate.

Claim received May 22, 1982 - late.

Claim #94409 - Storage

Purpose - claimed storage (no use code for storage).
- purpose may be power generation (PG) with a purpose remark "Storage for power generation at Kerr Dam and Thompson Falls Dam".

Basins - three basins are involved, is this a problem?
- Point of diversion (Kerr Dam) - 76L.
- Place of storage (Flathead Lake) - 76LJ.
- Place of use (Kerr Dam) - 76L
(Thompson Falls Dam) - 76N.

- NOTE: Montana Power Co. has already been decreed a right at Thompson Falls Dam. Perhaps Place of Use at Thompson Falls would be incidental.

Flow rate - Flow rate claimed - 614,700 cfs.
- documentation for 50,000 cfs for claims #94408, #94410, #94409, #94411
- maximum discharge 0.5 miles downstream from Kerr Dam (at gaging station) was 82,800 cfs (before Kerr dam was constructed).

Claimed flow rate not feasible; how should this be handled?

Volume - volume claimed - "amount necessary to fill storage reservoir at any time".
- could possibly leave volume blank with VM01 XX remark (non-consumptive) and delete VM01 remark on the abstract. Athough use is not really non-consumptive until water passes through the turbines.

Claim received May 22, 1982 - late.

Claim #94410 - Domestic

Priority date - same question as #94408
- claim received May 22, 1982 - late

Claim #94411 - Irrigation

Priority date - same question as #94408.
- claim received May 22, 1982 - late

Claim #94412 - Power Generation

Priority date - date claimed - December 2, 1960 (filed appropriation by Montana Power Co.)
- affidavit by Robert J. Labrie states "...good faith and steady effort has been made..."
- Buffalo Rapids Dam #2 has not been constructed yet!

Is this a due diligence matter?

Flow rate - claimed flow rate - 35,000 cfs.
- claimed flow rate implies some stored water. Mean annual discharge is 12,300 cfs.
- no dam therefore no reservoir i.e. no reservoir remark?

Volume - claimed volume - 25,500,00 acre feet per year.

Claimed flow rate will produce claim volume, but is it feasible?

Claim #94413 - Power Generation

- Same questions as Claim #94412;
- Buffalo Rapids Dam #4 has not been constructed yet!

MONTANA WATER COURTS

STATE OF MONTANA

MEMORANDUM

WATER JUDGES:

Upper Missouri River Basin
Chief Judge W W Lessley
PO Box 879
Bozeman, MT 59715

Lower Missouri River Basin
Judge Bernard W Thomas
PO Box 938
Chinook, MT 59523

Clark Fork River Basin
Judge Robert M. Holter
Lincoln County Courthouse
Libby, MT 59923

Yellowstone River Basin
Judge Roy C Rooeghero
PO Box 448
Roundup, MT 59072

TO: Judy Jenkins Field Office

FROM: Linda Hickman Water Master

DATE: 9/17/85

RE: CLAIM(S) 76L-

094408- Priority date - leave as claimed

Add a G.A. remark: This claim presents issues of fact and law that will be addressed at the objection stage. ~~There may be a question~~ The priority date is in question

It will be up to the Master to determine if there was enough activity to justify the 1920 date.

Flow rate - give them what was claimed

Volume - give them what was claimed

GA remark - late claim

non-consumptive use remark: This use may consume some water, but until that amount is quantified, it is presumed that the use is non-consumptive.

MONTANA WATER COURTS

STATE OF MONTANA

MEMORANDUM

RECEIVED
SEP 25 1985
MONTANA D.N.R.C.
KALISPELL FIELD OFFICE

TO: Field Office

FROM: Water Master

DATE:

RE: CLAIM(S)

094409 List purpose as storage. If the computer won't do this, leave purpose blank + add a remark: The purpose claimed for this right is storage.

leave flow rate as claimed

leave volume blank

Add GA remark: This claim presents issues of fact + law that will be addressed at the objection stage. The purpose, flow rate and volume are in question. The documentation indicates that the flow rate should be 50,000 cfs.

Add interbasin transfer remark.

Add GA remark - This claim presents issues of fact and law that will be addressed at the objection stage. It appears that ~~this claim has been~~ one of the claimed places of use has been previously decreed in basin 76N.

Add late claim remark

MONTANA WATER COURTS

STATE OF MONTANA

MEMORANDUM

WATER JUDGES:

Upper Missouri River Basin
Chief Judge W W Lessley
PO Box 679
Bozeman, MT 59715

Lower Missouri River Basin
Judge Bernard W Thomas
PO Box 938
Chinook, MT 59523

Clark Fork River Basin
Judge Robert M. Holter
Lincoln County Courthouse
Libby, MT 59923

Yellowstone River Basin
Judge Roy C Rosenberg
PO Box 448
Roundup, MT 59072

TO: _____ Field Office

FROM: 76L-W-94408 Water Master

DATE: _____

RE: CLAIM(S) _____

094410
Priority date leave as claimed. Add a GA remark: Same as for 094408
Add GA remark - late claim

094411
Same as 094410

094412
Priority date - leave as claimed. Add GA remark no flow rate or volume
add GA remark: This claim presents issues of fact and law that will be addressed at the objection stage. The Dam has not been completed.
add GA - late claim

094413
Same as 094412

MONTANA WATER COURTS

STATE OF MONTANA

MEMORANDUM

WATER JUDGES:

Upper Missouri River Basin
Chief Judge W W Lessley
P.O. Box 879
Bozeman, MT 59715

Lower Missouri River Basin
Judge Bernard W. Thomas
P.O. Box 938
Chinook, MT 59523

Clark Fork River Basin
Judge Robert M. Holter
Lincoln County Courthouse
Libby, MT 59923

Yellowstone River Basin
Judge Roy C. Rodeghiero
P.O. Box 448
Roundup MT 59072

TO: D. Russell Field Office

FROM: K. Lambert Water Master

DATE: February 19, 1985

RE: CLAIM(S) ~~76L-094408~~ → 094413

Please verify these, then return to the Water Courts for review. Please note any anomalies or comments you may have.

Thanks Kathryn

WATER COURTS
Supplemental Document
Claim # 76L-94408

RECEIVED
FEB 25 1985
MONTANA D.N.R.C.
KALISPELL FIELD OFFICE

REQUEST FOR ASSISTANCE

FROM

WATER COURTS, STATE OF MONTANA

TO: Sarah Arnott
Linda Hickman
Katherine Lambert
Tim Sullivan

DATE: Dec. 19, 1984

FROM: Dick Russell
KALISPELL FIELD OFFICE
P.O. Box 960
Kalispell, MT 59903
Tel.: 752-2288

RE: Claim number W 094408-00 THRU → W094413-00
Basin number 76L

Claimant MONTANA POWER COMPANY

Subject VERIFICATION to BE DONE AT WATER COURTS

"THANKS"

&

MERRY CHRISTMAS

A. CLAIMS TO WATER MASTER.

Certain claims will automatically be sent to the Water Courts to be verified by a Water Master. Specifically, claims by public utilities (Montana Power), Bureau of Reclamation, Army Corps of Engineers and instream use claims by the Montana Department of Fish, Wildlife and Parks fall into this category. Generally, any claim for over 50,000 acre-feet should be set aside for a Water Master to review.

PEND OREILLE RIVER BASIN

12371500 FLATHEAD LAKE AT SOMERS, MT

LOCATION.--Lat 48°04'22", long 114°13'30", in NE¼NE¼SE¼ sec.26, T.27 N., R.21 W., Flathead County, Hydrologic Unit 17010208, at steamboat dock at Somers.

DRAINAGE AREA.--7,086 mi^2.

PERIOD OF RECORD.--April to August 1900, daily lake elevations only, at site near Holt, 6 mi east of Somers (datum unknown). August 1908 to November 1909 (fragmentary), January 1910 to current year. Monthend contents only for some periods, published in WSP 1316. Prior to April 1923, published as "at Polson." Oct. 1, 1941, to current year, unpublished daily lake elevations at Polson are available in files of Helena district office.

GAGE.--Water-stage recorder. Datum of gage is at Somers datum. Subtract 1.00 ft to convert Somers datum to National Geodetic Vertical Datum of 1929, supplementary adjustment of 1947. July 1 to Dec. 12, 1923, non-recording gage at same site and datum.

REMARKS.--Natural storage in Flathead Lake increased by construction of Kerr Dam 4 mi downstream from natural lake outlet; storage began Apr. 11, 1938. Usable capacity, 1,791,000 acre-ft at controlled spillway elevation 2,893.00 ft. Dead storage unknown below 2,878 ft, elevation of natural outlet. Minimum operating level, 572,300 acre-ft, elevation, 2,883.00 ft for on-site power generation. Water is used for power production, flood control, recreation, and irrigation. Figures given herein represent usable contents.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 2,208,000 acre-ft June 19, 1933, elevation, 2,896.26 ft; minimum, 347,000 acre-ft Dec. 5, 1936, elevation, 2,881.07 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Lake reached an elevation of 2,900 ft during flood in June 1894.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 1,807,000 acre-ft July 16, elevation, 2,893.13 ft; minimum, 705,000 acre-ft Mar. 20, elevation, 2,884.12 ft.

Capacity table (elevation, in feet and contents, in acre-ft)

2,884	690,700	2,890	1,417,000
2,886	930,300	2,892	1,665,000
2,888	1,172,000	2,894	1,917,000

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2891.92	2891.11	2890.00	2888.83	2886.24	2884.47	2884.53	2886.29	2890.72	2892.93	2892.95	2892.85
2	2891.90	2891.05	2889.95	2888.77	2886.13	2884.46	2884.66	2886.37	2890.90	2893.03	2892.97	2892.83
3	2891.85	2891.03	2889.97	2888.68	2886.03	2884.44	2884.72	2886.45	2891.08	2893.02	2892.97	2892.76
4	2891.82	2891.05	2889.88	2888.64	2885.91	2884.44	2884.79	2886.52	2891.34	2892.97	2893.02	2892.72
5	2891.78	2891.04	2889.78	2888.63	2885.83	2884.36	2884.85	2886.64	2891.59	2892.93	2893.01	2892.70
6	2891.79	2891.01	2889.73	2888.57	2885.78	2884.36	2884.89	2886.79	2891.81	2892.98	2892.97	2892.66
7	2891.74	2890.91	2889.70	2888.55	2885.77	2884.28	2884.95	2886.96	2892.03	2892.91	2892.89	2892.66
8	2891.64	2890.88	2889.63	2888.51	2885.74	2884.32	2884.95	2887.08	2892.20	2892.85	2892.87	2892.67
9	2891.59	2890.82	2889.62	2888.44	2885.72	2884.28	2884.95	2887.26	2892.32	2892.85	2892.86	2892.71
10	2891.57	2890.80	2889.58	2888.37	2885.69	2884.26	2884.95	2887.44	2892.50	2892.92	2892.84	2892.77
11	2891.52	2890.76	2889.56	2888.28	2885.65	2884.21	2884.92	2887.59	2892.54	2892.96	2892.90	2892.87
12	2891.46	2890.72	2889.52	2888.18	2885.62	2884.23	2884.92	2887.69	2892.57	2893.02	2892.85	2892.91
13	2891.42	2890.71	2889.55	2888.06	2885.57	2884.21	2884.92	2887.75	2892.60	2893.02	2892.76	2892.99
14	2891.38	2890.68	2889.50	2887.92	2885.51	2884.20	2884.90	2887.78	2892.69	2893.07	2892.80	2893.00
15	2891.36	2890.67	2889.46	2887.82	2885.45	2884.22	2884.87	2887.80	2892.83	2893.12	2892.78	2892.98
16	2891.38	2890.66	2889.42	2887.69	2885.45	2884.23	2884.84	2887.87	2892.88	2893.04	2892.75	2892.97
17	2891.32	2890.64	2889.44	2887.62	2885.36	2884.24	2884.80	2887.94	2892.92	2892.98	2892.75	2892.92
18	2891.30	2890.65	2889.39	2887.49	2885.27	2884.17	2884.79	2888.06	2892.92	2892.95	2892.75	2892.85
19	2891.26	2890.65	2889.33	2887.39	2885.15	2884.14	2884.79	2888.12	2892.97	2893.01	2892.78	2892.83
20	2891.24	2890.62	2889.30	2887.28	2885.05	2884.12	2884.80	2888.19	2892.92	2893.07	2892.85	2892.78
21	2891.23	2890.54	2889.28	2887.16	2884.95	2884.14	2884.86	2888.24	2892.87	2893.09	2892.83	2892.75
22	2891.22	2890.52	2889.25	2887.08	2884.88	2884.15	2884.93	2888.30	2892.80	2893.06	2892.83	2892.75
23	2891.23	2890.48	2889.23	2887.06	2884.89	2884.18	2885.01	2888.46	2892.78	2892.98	2892.88	2892.72
24	2891.22	2890.41	2889.22	2887.07	2884.81	2884.22	2885.21	2888.73	2892.83	2892.98	2892.83	2892.63
25	2891.23	2890.34	2889.17	2887.01	2884.71	2884.23	2885.43	2889.09	2892.92	2893.01	2892.79	2892.50
26	2891.27	2890.30	2889.13	2886.94	2884.64	2884.25	2885.66	2889.45	2892.94	2893.02	2892.74	2892.43
27	2891.27	2890.25	2889.08	2886.87	2884.57	2884.24	2885.86	2889.82	2893.01	2893.02	2892.75	2892.33
28	2891.23	2890.19	2889.03	2886.72	2884.52	2884.21	2885.99	2890.07	2893.01	2892.99	2892.77	2892.33
29	2891.18	2890.14	2888.98	2886.61	---	2884.27	2886.14	2890.24	2893.07	2892.95	2892.77	2892.32
30	2891.18	2890.07	2888.95	2886.48	---	2884.35	2886.17	2890.39	2893.03	2892.92	2892.78	2892.37
31	2891.15	---	2888.92	2886.36	---	2884.44	---	2890.58	---	2892.93	2892.80	---
MAX	2891.92	2891.11	2890.00	2888.83	2886.24	2884.47	2886.17	2890.58	2893.07	2893.12	2893.02	2893.00
MIN	2891.15	2890.07	2888.92	2886.36	2884.52	2884.12	2884.53	2886.29	2890.72	2892.85	2892.74	2892.32

CAL YR 1982 MAX 2893.04 MIN 2884.03
WTR YR 1983 MAX 2893.12 MIN 2884.12

(†)	1,560	1,426	1,284	973.8	752.8	743.2	950.8	1,489	1,791	1,782	1,766	1,712
(††)	-95,000	-134,000	-142,000	-310,200	-221,000	-9,600	+207,600	+538,200	+302,000	-9,000	-16,000	-54,000

CAL YR 1982 †† +113,000
WTR YR 1983 †† + 57,000

† Contents, in thousands of acre-feet, at end of month.
†† Change in contents, in acre-feet.

PEND OREILLE RIVER BASIN

12372000 FLATHEAD RIVER NEAR POLSON, MT

LOCATION.--Lat 47°40'49", long 114°14'45", in SW¼NE¼SE¼ sec. 11, T.22 N., R.21 W., Lake County, Hydrologic Unit 17010212, on left bank 0.5 mi downstream from Kerr Dam, 4.0 mi west of Polson, 5.0 mi downstream from Flathead Lake, and at mile 71.5.
DRAINAGE AREA.--7,096 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1907 to current year.
REVISED RECORDS.--WSP 652: 1926. WSP 752: 1932. WSP 1182: 1948. WSP 1216: Drainage area. WSP 1246: 1928(M). WSP 1636: 1958 (adjusted runoff).
GAGE.--Water-stage recorder. Datum of gage is 2,692.70 ft National Geodetic Vertical Datum of 1929 (levels by The Montana Power Co.). Prior to Oct. 1, 1941, nonrecording gages or water-stage recorder at several sites near highway bridge at old site of Michell's ferry 6 mi downstream from present site, all at datum 2,629.20 ft National Geodetic Vertical Datum of 1929 (from river-profile survey).
REMARKS.--Water-discharge records excellent. Flow regulated by Flathead Lake (Kerr Dam) since April 1938 (station number 12371500) and Hungry Horse Reservoir (station number 12362000) since September 1951. Diversions above station for irrigation of about 10,000 acres. Flathead project pumps can divert up to 12,000 acre-ft per month when required for irrigation of lands downstream from station.
AVERAGE DISCHARGE.--76 years, 11,720 ft^3/s, 22.43 in/yr, 8,491,000 acre-ft/yr, adjusted for change in contents in Hungry Horse Reservoir and Flathead Lake.
EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 82,800 ft^3/s May 29, 1928, gage height, 17.2 ft, site and datum then in use; minimum probably less than 5.0 ft^3/s Apr. 13, 1938; minimum daily, 32 ft^3/s Apr. 12, 1938.
EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in June 1894 reached a stage of about 21 ft, present datum; discharge, about 110,000 ft^3/s, from lake elevation-discharge study.
EXTREMES FOR CURRENT YEAR.--Maximum discharge, 38,300 ft^3/s May 30, gage height, 13.74 ft; minimum daily, 3,310 ft^3/s Aug. 21.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4820	5810	8280	10600	11600	7740	8630	14900	26100	27200	7270	5090
2	4840	6960	8220	9890	11500	8020	8130	13700	22700	18600	7360	6510
3	3510	5490	6810	11100	11400	8590	9160	13600	16400	20600	7620	7590
4	4760	4840	8460	10800	12300	8020	8890	14500	12600	22800	6860	5280
5	5130	5440	8320	10400	12200	7930	9560	13600	12400	22100	8250	4920
6	3820	6370	6690	10200	12800	7540	10500	13200	12700	21000	10100	6700
7	7450	7260	7680	9890	11700	7940	10100	11100	11900	28900	10300	4810
8	7290	7270	7480	10700	11900	7130	10200	12400	16600	26600	8360	5380
9	5090	8570	6130	11000	11900	8200	10500	11800	18800	19700	7780	5470
10	3830	5850	6900	10200	11600	7850	10500	12500	17500	13700	7870	5580
11	5760	7010	6100	9870	11800	8160	10400	11800	23500	10300	7230	5530
12	6910	6460	6960	11200	11500	8460	10900	12200	24300	10400	8330	6660
13	4810	6790	6400	11700	12200	8100	9530	14100	20400	17400	8700	7740
14	5220	4850	6750	12100	11700	7800	10000	13800	13000	19500	6180	11300
15	5160	5780	7460	11900	12100	8050	10400	12900	12900	20900	6760	11400
16	5890	5750	7240	12300	12300	8010	10100	13000	15700	26500	6500	11700
17	6490	6030	7310	12000	11600	7930	10200	13200	18700	25000	5150	11200
18	5750	5950	8120	11600	11400	8110	9650	12600	18500	20600	4970	11700
19	5280	5620	8150	11600	11300	8080	9510	13400	17900	15200	3590	12100
20	5150	6070	8640	11300	10400	7950	9890	14100	18600	12800	3660	11600
21	4940	7070	8410	11400	10900	7610	9610	13200	18600	11900	3310	11800
22	5430	5900	5130	12300	10100	7180	8760	16200	18600	13700	5170	11200
23	6110	6280	7220	12400	10200	8250	10900	12900	16000	16700	3700	10800
24	4900	8610	5170	11600	10500	7510	11000	11800	11400	15100	7500	11400
25	4850	8320	8100	11900	9850	8570	10300	11900	8880	11700	7840	12100
26	3720	7830	6130	11700	9610	8190	11200	13600	12100	12200	8650	11400
27	4370	7290	8020	11100	10000	7830	12800	16600	16000	11900	4750	11800
28	6630	8380	7410	11600	8600	8010	14200	24400	21600	12800	4900	8500
29	6610	8190	8590	12200	---	5990	14400	30200	22000	13800	4560	10200
30	5820	8040	7450	12000	---	7070	14600	32100	23900	11200	5220	11300
31	6680	---	6930	12000	---	8010	---	29300	---	9580	4790	---
TOTAL	167020	200080	226660	350550	314960	243830	314520	474600	520280	540380	203230	268760
MEAN	5388	6669	7312	11310	11250	7865	10480	15310	17340	17430	6556	8959
MAX	7450	8610	8640	12400	12800	8590	14600	32100	26100	28900	10300	12100
MIN	3510	4840	5130	9870	8600	5990	8130	11100	8880	9580	3310	4810
CFSM	.76	.94	1.03	1.59	1.59	1.11	1.48	2.16	2.44	2.46	.92	1.26
IN.	.88	1.05	1.19	1.84	1.65	1.28	1.65	2.49	2.73	2.83	1.07	1.41
AC-FT	331300	396900	449600	695300	624700	483600	623900	941400	1032000	1072000	403100	533100
†	-115000	-207000	-265000	-472200	-452000	-141600	+15600	+910200	+842000	+23000	-50000	-350000
MEAN ††	3518	3191	2992	3628	3110	5562	10750	30110	31490	17810	5743	3077
CFSM ††	0.50	0.45	0.42	0.51	0.44	0.78	1.51	4.24	4.44	2.51	0.81	0.43
IN ††	0.57	0.50	0.49	0.59	0.46	0.90	1.69	4.89	4.95	2.89	0.93	0.48
AC-FT††	216300	189900	184000	223100	172700	342000	639500	1851600	1874000	1095000	353100	183100

OBSERVED

CAL YR 1982	TOTAL	4247710	MEAN	11640	MAX	41900	MIN	2710	AC-FT	8424500	(†)	+734000
WTR YR 1983	TOTAL	3824870	MEAN	10480	MAX	32100	MIN	3310	AC-FT	7586900	(†)	-262000

ADJUSTED

CAL YR 1982	TOTAL	4617041	MEAN	12649	CFSM	1.78	IN	24.20	AC-FT	9158500		
WTR YR 1983	TOTAL	3692614	MEAN	10120	CFSM	1.43	IN	19.33	AC-FT	7324900		

† Change in contents, in acre-ft, in Hungry Horse Reservoir and Flathead Lake.
†† Adjusted for change in contents.

TABLE 8

COLUMBIA BASIN RESERVOIRS HAVING A TOTAL CAPACITY OF 5,000 ACRE-FEET OR MORE

Name	Stream	Total Storage (acre-feet)	Active Storage (acre-feet)	Surface Area (acres)	Purposes*
Ashley Lake	Ashley Creek	20,000	20,000	3,000	I
East Fork	East Fork Rock Creek	16,040	16,040	442	I
Flathead Lake	Flathead River	1,791,000	1,219,000	126,000	P
Georgetown Lake	Flint Creek	31,040	31,040	3,000	M, P, FW
Hubbert	Little Bitterroot River	12,120	12,120	460	I
Hungry Horse	South Fork Flathead River	3,468,000	2,982,000	23,750	FC, I, P
Kicking Horse	Offstream Crow Creek	8,420	8,350	785	I
Lake Como	Rock Creek	36,893	34,920	940	I
Lake Koocanusa	Kootenai River	5,850,000	4,965,000	46,500	FC, P, FW
Little Bitterroot Lake	Little Bitterroot River	26,400	26,400	2,994	I
Lower Crow	Crow Creek	10,350	10,350	340	I
Lower Jocko	Middle Fork Jocko River	7,580	6,330	116	I
Lower Willow Creek	Willow Creek	5,100	4,819	170	I
McDonald	Post Creek	10,600	8,220	200	I
Mission	Mission Creek	7,250	7,250	290	I
Nevada Creek	Nevada Creek	12,640	12,628	375	I
Ninepipe	Offstream Flathead River	14,870	14,870	1,600	I
Noxon Rapids	Clark Fork	495,600	334,600	7,900	P
Pablo	Offstream Flathead River	29,600	27,100	2,040	I
Painted Rocks	West Fork Bitterroot River	32,362	31,700	655	I
Tabor (St. Mary Lake)	Dry Creek	23,300	23,300	286	I
Thompson Falls	Clark Fork	69,400	14,970	1,450	P
Total		11,978,365	9,811,057	223,293	

*Purposes — I — Irrigation, P — Power, M — Municipal, FW — Fish & Wildlife, FC — Flood Control

76L-W094408

DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

FILMED

FEB 18 1986

BY

TED SCHWINDEN, GOVERNOR

1520 EAST SIXTH AVENUE

STATE OF MONTANA

DIRECTOR'S OFFICE (406) 444-6699

HELENA, MONTANA 59620

February 11, 1986

Mike Zimmerman
Montana Power Company
40 East Broadway
Butte, MT 59701

Dear Mike,

Per our phone conversation February 7, 1986 I will be making a correction to "date claim received" for the following Montana Power Claims:

76L W-094408
76L W-094409
76L W-094410
76L W-094411

As discussed, the date on record of May 22, 1982 was an error on the departments part. Your claims were received on April 22, 1982 as evidenced by our transmittal sheet 05-021-01-01. May 22, 1982 also happens to be a Saturday.

Sincerely,

James E. Kindle,
Records Section Supervisor

enclosure

Field Office Name _____

Deposited on Collection Report No. _____

DEPARTMENT OF NATURAL RESOURCES & CONSERVATION

DAILY TRANSMITTAL FOR WATER RIGHT FILING FEES

— S.B. 76 —

Field Office # _____

Transmittal No. 021

Page 01 of 01

Date: 4-22-82

Line #	APPLICANT	PAYOR	Check # or Cash Rec. #	Amount Received	Disposition Code	Disposition Amount	Remarks
1	MT. Power Co.	MARON, H.P.	CK 21802	$1440.00			
2	OSTREM, Terry/Sharon	OSTREM, Terry	CR 11409	40.00			
3	Jenewein, Wayne/Robert	Jenewein, Wayne	CR 11414	40.00			
4	Downs Wm./Martha	Downs, Wm.	CK 1437	80.00			
5	Brenton, Gordon	Brenton Gordon	CK 6167	200.00			
6	Pond, Robert	Pond, Billie	CK 1561	80.00			
7	VanVoast, Milo	Van Voast, Doris	CK 458	40.00			
8	FRANK Richard W.	FRANK, Richard	CK 3566	40.00			
9	Smith, Robert	Smith, Robert	CK 3495	40.00			
10	Chovanak, Peter/Swartz, Joyce	Swartz, Joyce	CK 1194	40.00			
11	Ward, Wallace/Nellie	Ward W. V.	CK 323	40.00			
12	Helberg/Eugene/Martha	Helberg, Eugene	CK 3298	160.00			
13	Dixon, W. Dean/Donald	Dixon, Dean	CK 349	240.00			
14	Mackin, Eugene/June	Mackin, Eugene	CK 283	40.00			
15	Stein, JR. John N.	Stein, John	CK 2781	40.00			
16	Dixon W. Dean (State of Idaho)	Dixon, Dean	CK 12990	160.00			
17	Diehl, Co.	Diehl, Wm.	CK 5948	400.00			
18	Atkins, Mary	Atkins Irene	CK 3225	160.00			
19	Diehl Ranch	Diehl, Richard	CK 1278	480.00			
20	J B. Long Rcl. Inc.	Johnston, Fred A	CK 1108	480.00			
TRANSFEROR: M. Leppiney			TRANSMITTAL TOTAL	$4240.00		TRANSFEREE:	

BY

FILED
FEB 18 1986

Collection Report Data:	Agency	Acct. #	Debit	Credit	Amount	Resp. Center	Revenue Est.	Object of Revenue
Maxi-code:	5706	02214	1104	5101		14	20370	4020
Mini-code:	5706					14		4020

TRIPLICATE

76L - 000141

DEPARTMENT OF NATURAL RESOURCES
AND CONSERVATION

FILMED

FEB 18 1986

TED SCHWINDEN, GOVERNOR

1520 EAST SIXTH AVENUE

STATE OF MONTANA

DIRECTOR'S OFFICE (406) 444-6699

BY HELENA, MONTANA 59620

February 11, 1986

Mike Zimmerman
Montana Power Company
40 East Broadway
Butte, MT 59701

Dear Mike,

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76L W-094409
76L W-094410
76L W-094411

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Sincerely,

James E. Kindle,
Records Section Supervisor

enclosure

Form WR09
New 2-81

REMARK RECORD STATEMENT OF CLAIM CODING FORM

codes	headings	codes	headings
OW	owner information	FR	flow rate remark
PU	purpose clarification	VM	volume remark
SN	source name remark	PE	period of use remark
CL	clarification of land descr.	SB	subdivision name
DM	diversion means	RM	general remark
PR	priority date		

	ACTION	GEN CODE	GEN #	BASIN	ID CODE	ID NUMBER	EXT ID
0 6	A	N	0 0	764	W	94408	0 0

REMARKS ID SMOL
TEXT KERR DAM

REMARKS ID
TEXT

REMARKS ID
TEXT

REMARKS ID
TEXT

REMARKS ID
TEXT

There is a large map attached to this Water Right. Please look under Map information or pull the Original file to see.

Form 608 R4/98

76L

FILE-WATER RIGHT NO. W 094408-00

DNRC WATER RIGHT OWNERSHIP UPDATE

GEO CODE: _____-_____-____-_____-____-_____

PART 1 - SALE DATE
12/17/99
Month/Day/Year

SEE IMPORTANT INFORMATION ON THE BACK OF THIS FORM

BOX BAR CODE 012128
FILE BAR CODE 015702

PART 2 - Grantor/Grantee - names must be entered exactly as they appear on the transfer of ownership

Seller - Enter grantor's complete name and mailing address, including city, state and ZIP.

The Montana Power Company
40 East Broadway
Butte, MT 59701
Daytime Phone # (406) 497-3670

Buyer - Enter grantee's complete name and assessment notice mailing address, including city, state and ZIP.

PP&L MONTANA, LLC
303 North Broadway, Suite 400
Billings, MT 59101
Daytime Phone # (406) 869-5103

PART 3 - Description of Property - If description is too lengthy, please attach a separate page

Legal Description: See attached "Exhibit A to Special Warranty Deed" Attachment ☒

Add/Sub _____ Block _____ Lot _____

County Flathead City/Town _____ Section _____ Township _____ Range _____

A. WATER RIGHT(S) TO UPDATE

List all water rights which need to have ownership updated. Attach a list if additional space is needed. ☒ Attachment

See attached "Exhibit B to Special Warranty Deed"

- (W, U, A, B, or O) Statement of Claim No. _____
- (C) Certificate of Water Right No. _____
- (P) Permit to Appropriate Water No. _____
- (E) Exempt Existing Right No. _____
- (D) Powder River Basin Decreed Right No. _____
- Other _____

FILMED

B. SELLER (person relinquishing the water right):

If all seller's signatures are not available, attach a copy of the recorded instrument showing conveyance of the property from the seller to the buyer. If the seller listed is not the person identified as the water right owner in the DNRC records, attach copies of the recorded documents showing chain of title including the legal description.

Yes ☒ No ☐ Did the buyer receive 100% of the seller's interest in the water rights shown above? If no, attach a map showing buyer's property.

Yes ☐ No ☐ If the sale is on a contract for deed, does the seller want to remain listed as an owner of the water right?

Seller Signature: The Montana Power Company By: Patrick Asay Date: ~~12/17/99~~ 12/17/99

Seller Signature: Patrick Asay, Manager of Real Property Date: _____

C. FOR QUESTIONS or CLARIFICATION, WHO SHOULD THE DNRC CONTACT?

Name Dave Kinnard Address PP&L Montana, LLC, 303 North Broadway, Suite 400, Billings, MT 59101 Phone # (406) 869-5103

D. REMARKS

_____

FOR DEPARTMENT USE ONLY	WATER RIGHT TRANSFER CERTIFICATE
Fee Rec'd $50.00 / 15 6085 Check No. 3027 Transmittal No.	Date Rec'd RECEIVED DEC 22 1999 DNRC - HRO
Payor D. Gary Kabeary 2608 Silver Bow Billing 59102	
Refund Date	
Coder RO# 8	
For Complete Information. See File 76L-W 094408	Rec'd By

COMPLETE AND SEND THIS FORM TO DNRC IF WATER RIGHT OWNERSHIP MUST BE UPDATED

DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION AND MONTANA WATER COURT

IMPORTANT INFORMATION

► Montana law requires this form be filed by the seller within 60 days after recording a change in ownership of real property which has water rights on record with the DNRC.

► Do not file this form if your only use of water is from an irrigation district, municipal system, water users association, or other public water supply.

► When the DNRC updates the ownership we will send a confirmation to the buyer and seller. DNRC will use the names and addresses as shown on the reverse side of this form.

► Water rights in Montana, including all irrigation water rights, must have a valid DNRC water right number to be of record. However, existing rights for livestock and individual domestic as opposed to municipal uses based on an instream flow or groundwater source appropriated before July 1, 1973, do not need a DNRC water right number. If the water use does not have a DNRC water right number and does not fall within the above narrow exception, then you do not have a water right. Contact the DNRC for information on how to acquire a water right.

Described below is further explanation of exempt rights or water rights which are valid without a DNRC water right number. A DNRC water right number is not required for the following if the use began:

- ► prior to January 1, 1962: groundwater used for individual domestic use, as opposed to municipal use;
- ► prior to January 1, 1962: groundwater used for stock;
- ► between January 1, 1962 through June 30, 1973: groundwater used for stock or domestic purpose **and** a GW1, GW2, or GW3 form is properly filed in the courthouse; or
- ► prior to July 1, 1973: instream surface water used for stock or domestic purposes.

If a water right does not have a DNRC number, and does not fall within the above exceptions, then there is no water right.

IF YOU HAVE QUESTIONS CALL YOUR LOCAL REGIONAL OFFICE.

BILLINGS **Phone: 406-657-2105**
Big Horn, Carbon, Carter, Custer, Fallon, Powder River, Prairie, Rosebud, Stillwater, Sweet Grass, Treasure, and Yellowstone Counties

BOZEMAN **Phone: 406-586-3136**
Gallatin, Madison, and Park Counties

GLASGOW **Phone: 406-228-2561**
Daniels, Dawson, Garfield, McCone, Phillips, Richland, Roosevelt, Sheridan, Valley, and Wibaux Counties

HAVRE **Phone: 406-265-5516**
Blaine, Chouteau, Glacier, Hill, Liberty, Pondera, Teton, and Toole Counties

HELENA **Phone: 406-449-0944**
Beaverhead, Broadwater, Deer Lodge, Jefferson, Lewis and Clark, Powell, and Silver Bow Counties

KALISPELL **Phone: 406-752-2288**
Flathead, Lake, Lincoln, and Sanders Counties

LEWISTOWN **Phone: 406-538-7459**
Cascade, Fergus, Golden Valley, Judith Basin, Meagher, Musselshell, Petroleum, and Wheatland Counties

MISSOULA **Phone: 406-721-4284**
Granite, Mineral, Missoula, and Ravalli Counties

The Montana Water Court is currently adjudicating all Statements of Claim. For the current status of the claim(s) specified on the ownership update or if you have questions for the Water Court, call 1-800-624-3270 (in state) or 406-586-4364.

FILING FEE	1 water right	$25.00	2 water rights	$30.00	3 water rights	$35.00
	4 water rights	$40.00	5 water rights	$45.00	6 or more	$50.00 (maximum)

► Send the form along with the fee to:
DNRC, PO BOX 201601, HELENA, MT 59620-1601
(MAKE CHECK PAYABLE TO DNRC)

EXHIBIT B

TO SPECIAL WARRANTY DEED

WATER RIGHTS

The water rights under the Statements of Claim described below:

DNRC NO.	USE	FLOW (CFS)	QUANTITY (AF)	PRIORITY
76L-W-094408-00	Generation	14,540	614,200	April 3, 1920
76L-W-094409-00	Storage	614,700	Fill	April 3, 1920
76L-W-094410-00	Domestic	41.6 gpm	37	April 3, 1920
76L-W-094411-00	Irrigation	300 gpm	164	April 3, 1920

The above-described water rights are subject to final adjudication under Mont. Code Ann., Title 85, Chapter 2, Part 2.

FORM NO. 608-CHK R10/98

764

FILE - WATER RIGHT NO W C94408-CC

☆FORM 608 CHECKLIST☆

CHECK YES OR NO FOR ALL QUESTIONS; IF A BLOCK DOES NOT APPLY ENTER "NA"

YES	NO	FORM REVIEW	REMARKS
PART 2			
✓		Seller - name and address complete?	
✓		Buyer - name and address complete?	
A. WATER RIGHTS(S) TO UPDATE			
✓		Water right numbers listed correctly?	
B. SELLER			
✓		Buyer received 100% interest If not, map of buyer's property is attached?	
	✓	Sale is on contract for deed and seller is to remain listed as owner?	
✓		All seller signatures available If not, copies of recorded deeds attached?	
C. CONTACT			
✓		Contact person identified?	
DEPARTMENT REVIEW			
✓		Fee Correct?	
✓		DNRC owner of record same as seller?	
		If not, deeds showing chain of ownership attached?	
		Copies made for Water Court, if required?	

CODING INSTRUCTIONS

ACTION	NEEDED	COMPLETE	REMARKS
Contract for deed remark			
Split right remark			
Ownership chart			
Transfer remark			
"T" - Owner keyed			
Seller's address update			
Buyer's address update			

OTHER

REVIEWER Marshall Hamell DATE 12/22/99

ACKNOWLEDGEMENT OF WATER RIGHT OWNERSHIP UPDATE
FROM
DEPARTMENT OF NATURAL RESOURCES AND CONSERVATON
STATE OF MONTANA

WATER RIGHT NUMBER 76L -W-094408-00

****
WE HAVE RECEIVED A WATER RIGHT OWNERSHIP UPDATE IN WHICH YOU WERE NAMED AS A PARTY. THE RECORDS MAINTAINED BY THE WATER RIGHTS BUREAU HAVE BEEN CHANGED TO REFLECT THE NEW OWNERSHIP ACCORDING TO THE WATER RIGHT OWNERSHIP UPDATE. THE ABSTRACT BELOW SHOWS THE CURRENT WATER RIGHT INFORMATION. BOTH BUYER AND SELLER HAVE BEEN SENT THIS ACKNOWLEDGEMENT.

IF YOU HAVE QUESTIONS, PLEASE CONTACT YOUR LOCAL WATER RESOURCES REGIONAL OFFICE. KALISPELL REGIONAL OFFICE, 752-2288.
**********DNRC*LOCATE*#* *5*NS*990101***

OWNERS: PP&L MONTANA LLC
303 N BROADWAY STE 400
BILLINGS MT 59101

PRIORITY DATE: APR 3, 1920

FLOW RATE: 14,540.00 CUBIC FEET PER SECOND (C)

VOLUME: 614,200.00 ACRE FEET PER YEAR (AF)

SOURCE: FLATHEAD RIVER
RESERVOIR/LAKE NAME: FLATHEAD LAKE

PURPOSE:

USE	FLOW	VOLUME (AF)	ACRES	PERIOD OF USE
POWER GENERATION	14,540.00 C	614,200.00		JAN 1 TO DEC 31

POINTS OF DIVERSION AND MEANS OF DIVERSION:

DIVERSION:

LOT	BLK	QTR SEC	SEC	TWP	RGE	COUNTY	MEANS
		SESW	12	22N	21W	LAKE	DAM

RESERVOIR:

	QTR SEC	SEC	TWP	RGE	
ONSTREAM AT	SESW	12	22N	21W	NAME: KERR DAM

PLACE OF USE FOR POWER GENERATION:

ACRES	LOT	BLK	QTR SEC	SEC	TWP	RGE	COUNTY
001			SWSW	12	22N	21W	LAKE

** TRANSFER OF OWNERSHIP:
UPON A CHANGE IN OWNERSHIP OF ALL OR ANY PORTION OF THIS CLAIM, THE TRANSFEROR SHALL FILE WITH THE DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION A WATER RIGHT OWNERSHIP UPDATE, FORM 608, PURSUANT TO SECTION 85-2-424, MCA.

REMARKS: NOTICE OF WATER RIGHT OWNERSHIP UPDATE RECEIVED 12/22/99.