



United States Department of the Interior

BUREAU OF RECLAMATION
Pacific Northwest Region
1150 North Curtis Road, Suite 100
Boise, Idaho 83706-1234

IN REPLY
REFER TO:

PN-3324
WTR-4.00

DEC 11 2002

Mr. Steve Wright, Administrator
Attention: Mr. Jerry Dinan, KSRD-2
Bonneville Power Administration
P.O. Box 3621
Portland, OR 97208-3621

Subject: Federal Columbia River Power System, Assistance to Authorized Bureau of Reclamation Irrigation Projects in the Pacific Northwest, Fiscal Year 2001

Dear Mr. Wright:

Enclosed are three tables which summarize the schedule for repayment of irrigation assistance from the Federal Columbia River Power System (FCRPS) to authorized irrigation projects in the Pacific Northwest Region of the Bureau of Reclamation. This information is being furnished as requested by your letter of September 7, 1966, and your agency's annual call for project cost data on Reclamation projects that are part of the FCRPS.

Table 1 is a summary, in chronological order, for all authorized projects. Table 2 contains more detailed data for all projects except the Columbia Basin Project. Table 3 contains the detailed information for the Columbia Basin Project. The data on irrigation assistance reflects Reclamation cost data for fiscal year 2001.

The data furnished for fiscal year 2001 contains several noteworthy details. As shown, data for the Boise and Palisades Projects reflects that irrigation assistance was due and paid by the Bonneville Power Administration (BPA) in 1977 and 2001, respectively. Public Law 105-9, April 14, 1997, titled the Oroville-Tonasket Claim Settlement and Conveyance Act, transferred title of the irrigation works of the Oroville-Tonasket Project to the Oroville-Tonasket Irrigation District. Section 5(c) of the Act provided that the transfer of title shall not affect the timing and amount of the irrigation assistance obligation of BPA as determined by the Secretary of the Interior. Finally, data for the Columbia Basin Project reflects the current developed platted acreage (558,106 acres). Although the project is authorized to serve over a million acres, Reclamation is currently not requesting Congressional appropriations for construction of the "second half" of the project. Should conditions change, the "second half" of the project could be added to the list.

Four authorized projects are excluded from the list. These projects are the Salmon Falls Division of the Upper Snake River Project; the Rogue River Basin Project, Merlin Division; the Walla Walla Project, Touchet Division; and the Yakima Project, Kennewick Division Extension. If these projects become active in the future, they will be rescheduled and added to the list.

If you have any questions about this data, please call Al Reiners at 208-378-5344.

Sincerely,

A handwritten signature in black ink that reads "J. William McDonald". The signature is written in a cursive style with a large, looping initial "J" and a long, sweeping underline.

J. William McDonald
Regional Director

Enclosures - 3

TABLE 1. --SUMMARY OF FINANCIAL ASSISTANCE TO IRRIGATION - FY 2001
FEDERAL COLUMBIA RIVER POWER SYSTEM (FCRPS)
 Authorized Projects, Thru Sept. 30, 2001

| PROJECT | FISCAL YEAR DUE | Assistance Required | |
|------------------------|-----------------------|---------------------|-------------------------|
| | | AMOUNT (\$1,000) | CUMULATIVE (\$1,000) |
| BOISE | paid - 1997 | 24,999 | 24,999 |
| PALISADES | paid - 2001 | 16,943 | 41,942 |
| AVONDALE | 2004 | 184 | 42,126 |
| DALTON GARDENS | 2004 | 208 | 42,334 |
| RATHDRUM PRAIRIE | 2004 | 347 | 42,681 |
| MANN CREEK | 2008 | 2,950 | 45,631 |
| COLUMBIA BASIN | 2009 | 5,406 | 51,037 |
| SPOKANE VALLEY | 2009 | 2,007 | 53,044 |
| COLUMBIA BASIN | 2012 | 776 | 53,820 |
| COLUMBIA BASIN | 2013 | 45,911 | 99,731 |
| COLUMBIA BASIN | 2014 | 44,207 | 143,938 |
| COLUMBIA BASIN | 2015 | 45,250 | 189,188 |
| COLUMBIA BASIN | 2016 | 57,929 | 247,117 |
| COLUMBIA BASIN | 2017 | 53,790 | 300,907 |
| GREATER WENATCHEE | 2017 | 1,071 | 301,978 |
| YAKIMA,ROZA | 2017 | 1,018 | 302,996 |
| COLUMBIA BASIN | 2018 | 22,298 | 325,294 |
| FOSTER CREEK | 2018 | 674 | 325,968 |
| YAKIMA,ROZA | 2018 | 705 | 326,673 |
| COLUMBIA BASIN | 2019 | 53,402 | 380,075 |
| FOSTER CREEK | 2019 | 1,125 | 381,200 |
| MICHAUD FLATS | 2019 | 2,079 | 383,279 |
| MICHAUD-FORT HALL | 2019 | 2,079 | 385,358 |
| YAKIMA,ROZA | 2019 | 548 | 385,906 |
| COLUMBIA BASIN | 2020 | 31,318 | 417,224 |
| CROOKED RIVER | 2020 | 2,563 | 419,787 |
| COLUMBIA BASIN | 2021 | 13,189 | 432,976 |
| YAKIMA,ROZA | 2021 | 1,959 | 434,935 |
| COLUMBIA BASIN | 2022 | 13,069 | 448,004 |
| YAKIMA,ROZA | 2022 | 627 | 448,631 |
| COLUMBIA BASIN | 2023 | 8,710 | 457,341 |
| COLUMBIA BASIN | 2024 | 13,476 | 470,817 |
| GREATER WENATCHEE | 2024 | 1,943 | 472,760 |
| YAKIMA,KENNEWICK | 2024 | 6,621 | 479,381 |
| COLUMBIA BASIN | 2025 | 10,406 | 489,787 |
| CROOKED RIVER EXT | 2025 | 1,184 | 490,971 |
| WHITESTONE COULEE UNIT | 2026 | 3,810 | 494,781 |
| COLUMBIA BASIN | 2026 | 10,718 | 505,499 |
| GREATER WENATCHEE | 2026 | 953 | 506,452 |
| YAKIMA,ROZA | 2026 | 2,979 | 509,431 |
| COLUMBIA BASIN | 2027 | 4,153 | 513,584 |
| LOWER TETON | 2027 | 17,793 | 531,377 |
| COLUMBIA BASIN | 2028 | 8,716 | 540,093 |
| THE DALLES | 2028 | 4,203 | 544,296 |
| BAKER | 2029 | 4,092 | 548,388 |
| LOWER TETON | 2029 | 9,705 | 558,093 |
| EAST GREENACRES | 2030 | 2,358 | 560,451 |
| COLUMBIA BASIN | 2031 | 12,369 | 572,820 |
| COLUMBIA BASIN | 2035 | 8,692 | 581,512 |
| WHITESTONE COULEE UNIT | 2036 | 3,660 | 585,172 |
| MANSON UNIT | 2036 | 16,163 | 601,335 |
| TUALATIN | 2036 | 10,005 | 611,340 |
| EAST GREENACRES | 2037 | 4,576 | 615,916 |
| COLUMBIA BASIN | 2037 | 17,555 | 633,471 |
| TUALATIN | 2039 | 15,651 | 649,122 |
| LOWER TETON | 2041 | 5,931 | 655,053 |
| OROVILLE TONASKET | 2042 | 73,699 | 728,752 |
| LOWER TETON | 2042 | 6,470 | 735,222 |
| LOWER TETON | 2043 | 7,009 | 742,231 |
| LOWER TETON | 2044 | 7,009 | 749,240 |
| COLUMBIA BASIN | 2045 | 22,123 | 771,363 |

Table 2 - - Irrigation Assistance -- Fiscal Year 2001

(All Projects Except Columbia Basin Project)

| Project | Irrigated Acres | Initial Testing Year Calendar Year | Development Period Calendar Year | Water Users Repayment Period Calendar Year | Total Irrigation Allocation (\$1,000) | Irrigation Assistance Required From FCRPS (\$1,000) | Year Assistance Is Due Fiscal Year |
|--|-----------------|---------------------------------------|-------------------------------------|---|--|--|---------------------------------------|
| In Service as of Sept. 30, 2001 | | | | | | | |
| Boise Project | 390,126 | -- | -- | -- | 69,629 | 24,999 | Pd in 1997 |
| Palisades | 528,397 | -- | -- | 1961-2000 | 30,725 | 16,943 | Pd in 2001 |
| Avondale | 922 | -- | -- | 1964-2003 | 573 | 184 | 2004 |
| Dalton Gardens | 944 | -- | -- | 1964-2003 | 564 | 208 | 2004 |
| Rathdrum Prairie, Hayden Lake | 5,010 | -- | None | 1964-2003 | 1,730 | 347 | 2004 |
| Mann Creek Project | 5,110 | 1967 | None | 1968-2007 | 3,763 | 2,950 | 2008 |
| Spokane Valley Project | 7,241 | 1966-68 | None | 1969-2008 | 5,132 | 2,007 | 2009 |
| Yakima Project, Roza Division | | | | | | | |
| Block 1 | 9,292 | -- | -- | 1942-2016 | -- | 1,018 | 2017 |
| Block 2 | 6,628 | -- | -- | 1943-2017 | -- | 705 | 2018 |
| Block 3 | 4,858 | -- | -- | 1944-2018 | -- | 548 | 2019 |
| Block 4 | 17,976 | -- | -- | 1946-2020 | -- | 1,959 | 2021 |
| Blocks 5 & 6 | 5,362 | -- | -- | 1947-2021 | -- | 627 | 2022 |
| Block 7 | 27,395 | -- | -- | 1951-2025 | -- | 2,979 | 2026 |
| Total | 71,511 | | | | 26,510 | 7,836 | |
| Chief Joseph Dam Project Greater Wenatchee Division | | | | | | | |
| Block 1 East Unit | -- | 1963 | 1964-66 | 1967-2016 | -- | 1,071 | 2017 |
| Blocks 2&3 East & Howard Flat | -- | 1963 | 1964-73 | 1974-2023 | -- | 1,943 | 2024 |
| Block 4 Brays Landing | -- | 1965 | 1966-75 | 1976-2025 | -- | 953 | 2026 |
| Total | 7,104 | | | | 8,664 | 3,967 | |
| Chief Joseph Dam Project Foster Creek Division | | | | | | | |
| Bridgeport Bar Dist. | -- | 1957 | 1958-67 | 1968-2017 | 780 | 674 | 2018 |
| Brewester Flat Dist. | -- | 1958 | 1959-68 | 1969-2018 | 2,591 | 1,125 | 2019 |
| Total | 2,854 | | | | 3,371 | 1,799 | |
| Michaud Flats Project | 11,000 | 1958 | 1959-68 | 1969-2018 | 5,009 | 2,079 | 2019 |
| Michaud-Fort Hall | -- | -- | -- | -- | -- | 2,079 | 2019 |
| Crooked River Project | 20,410 | -- | 1963-69 | 1970-2019 | 7,438 | 2,563 | 2020 |
| Yakima Project, Kennewick Div. | 19,171 | 1957 | 1958-67 | 1958-2023 | 11,680 | 6,621 | 2024 |
| Crooked River Project Crooked River Extension | 2,890 | 1967 | 1968-74 | 1975-2024 | 1,684 | | 2025 |

Table 2 (continued)

| Project | Irrigated Acres | Initial Testing Year Calendar Year | Development Period Calendar Year | Water Users Repayment Period Calendar Year | Total Irrigation Allocation (\$1,000) | Irrigation Assistance Required From FCRPS (\$1,000) | Year Assistance Is Due Fiscal Year |
|--|-----------------|---------------------------------------|-------------------------------------|---|--|--|---------------------------------------|
| The Dalles Project Western Division | 5,420 | 1965 | 1968-77 | 1978-2007 | 6,824 | 4,203 | 2028 |
| Baker Project, Upper Division | 18,000 | 1968 | 1969-78 | 1979-2028 | 5,225 | 4,092 | 2029 |
| Chief Joseph Dam Project Chelan Division, Manson Unit | 6,055 | 1975 | 1976-85 | 1986--2035 | 18,823 | 16,163 | 2036 |
| Rathdrum Prairie Project East Greenacres Unit | | | | | | | |
| Block 1 | 1,780 | 1976 | 1977-79 | 1980-2029 | | 2,358 | |
| Block 2 | 3,530 | 1976 | 1977-86 | 1987-2036 | -- | 4,576 | |
| Total | 5,310 | | | | 8,211 | 6,934 | |
| Chief Joseph Dam Project Whitestone Coulee Unit | | | | | | | |
| Block 1 | 1,270 | 1975 | None | 1976-2025 | 4,274 | 3,810 | |
| Block 2 | 1,220 | 1975 | 1976-85 | 1986-2035 | 4,106 | 3,660 | |
| Total | 2,490 | | | | 8,380 | 7,470 | |
| Tualatin Project | | | | | | | |
| Block 1 | 6,670 | 1975 | 1976-85 | 1986-2035 | -- | 10,005 | |
| Block 2 | 10,330 | 1978 | 1979-88 | 1989-2038 | -- | 15,651 | |
| Total | 17,000 | | | | 31,529 | 25,656 | |
| Chief Joseph Dam Project 1/ Oroville-Tonasket Unit Ext. | 10,000 | 1987 | | 1992-2041 | 86,054 | 73,699 | 1/ |
| Teton Basin Project Lower Teton Division 2/ | | | | | | | |
| Block 1 | -- | 1976 | None | 1977-2026 | -- | 17,793 | 2027 |
| Block 2 | -- | 1978 | None | 1979-2028 | -- | 9,705 | 2029 |
| Block 3 | -- | 1980 | 1981-90 | 1991-2040 | -- | 5,931 | 2041 |
| Block 4 | -- | 1981 | 1982-91 | 1992-2041 | -- | 6,470 | 2042 |
| Block 5 | -- | 1982 | 1983-92 | 1993-2042 | -- | 7,009 | 2043 |
| Block 6 | -- | 1983 | 1984-93 | 1994-2043 | -- | 7,009 | 2044 |
| Total | 148,210 | | | | 74,720 | 53,917 | |

1/ Public Law 105-9, April 14, 1997, transferred title of the project irrigation works to the Oroville Tonasket Irrigation District. Per Section 5(c), the amount or timing of the irrigation assistance obligation by BPA is not changed.

2/ Due to the failure of Teton Dam, all construction work on the project has been terminated. Data reflect the project as scoped prior to failure. The final determination of project cost repayment has not been made.

**Table 3
Columbia Basin Project - Fiscal Year 2001
Assistance To Irrigation From Federal Columbia River Power System**

| Block | First | First | Irrigable | Cost | Repayment From FCRPS | |
|----------------------|-------------|-------------|----------------|--------------------|----------------------|---------------|
| | Develop. | Year of | | | Allocated | Amount |
| | Year | Repayment | Acres | To Block | | |
| | (Cal. Year) | (Cal. Year) | | \$ | \$ | (Fiscal Year) |
| 1 | 1949 | 1959 | 5,790 | 6,330,999 | 5,405,545 | 2,009 |
| 2 | 1952 | 1962 | 1,319 | 987,056 | 776,232 | 2,012 |
| 40,41,70,701,71,72 | 1953 | 1963 | 65,644 | 56,403,274 | 45,910,963 | 2,013 |
| 11,42,49,73 | 1954 | 1964 | 58,506 | 53,558,640 | 44,207,242 | 2,014 |
| 12,15,43,74,75 | 1955 | 1965 | 58,017 | 54,523,373 | 45,250,136 | 2,015 |
| 13,16,44,76,78 | 1956 | 1966 | 67,866 | 68,776,479 | 57,929,011 | 2,016 |
| 19,45,86,87 | 1957 | 1967 | 54,823 | 62,552,612 | 53,789,892 | 2,017 |
| 421,47,89 | 1958 | 1968 | 29,073 | 26,944,568 | 22,297,640 | 2,018 |
| 3,14,18,401,46,77,79 | 1959 | 1969 | 57,210 | 62,546,570 | 53,402,321 | 2,019 |
| 20,85 | 1960 | 1970 | 24,738 | 35,272,005 | 31,317,968 | 2,020 |
| 82,881 | 1961 | 1971 | 11,295 | 14,994,724 | 13,189,370 | 2,021 |
| 201,83,88 | 1962 | 1972 | 15,330 | 15,519,596 | 13,069,302 | 2,022 |
| 80 | 1963 | 1973 | 11,000 | 10,467,745 | 8,709,543 | 2,023 |
| 23 | 1964 | 1974 | 8,770 | 14,877,335 | 13,475,568 | 2,024 |
| 17 | 1965 | 1975 | 14,006 | 12,645,014 | 10,406,359 | 2,025 |
| 741,81 | 1966 | 1976 | 14,527 | 13,040,217 | 10,718,239 | 2,026 |
| 161 | 1967 | 1977 | 4,425 | 4,860,741 | 4,153,496 | 2,027 |
| 21,48 | 1968 | 1978 | 7,874 | 9,974,546 | 8,716,057 | 2,028 |
| NONE | 1969 | 1979 | 0 | 0 | 0 | 2,029 |
| NONE | 1970 | 1980 | 0 | 0 | 0 | 2,030 |
| 25 | 1971 | 1981 | 11,867 | 14,265,302 | 12,368,586 | 2,031 |
| NONE | 1972 | 1982 | 0 | 0 | 0 | 2,032 |
| NONE | 1973 | 1983 | 0 | 0 | 0 | 2,033 |
| NONE | 1974 | 1984 | 0 | 0 | 0 | 2,034 |
| 251 | 1975 | 1985 | 8,752 | 10,090,530 | 8,691,577 | 2,035 |
| NONE | 1976 | 1986 | 0 | 0 | 0 | 2,036 |
| 253,24 | 1977 | 1987 | 13,607 | 19,729,738 | 17,554,874 | 2,037 |
| NONE | 1978 | 1988 | 0 | 0 | 0 | 2,038 |
| NONE | 1979 | 1989 | 0 | 0 | 0 | 2,039 |
| NONE | 1980 | 1990 | 0 | 0 | 0 | 2,040 |
| NONE | 1981 | 1991 | 0 | 0 | 0 | 2,041 |
| NONE | 1982 | 1992 | 0 | 0 | 0 | 2,042 |
| NONE | 1983 | 1993 | 0 | 0 | 0 | 2,043 |
| NONE | 1984 | 1994 | 0 | 0 | 0 | 2,044 |
| 26,461(PART 1) | 1985 | 1995 | 13,668 | 24,307,909 | 22,123,260 | 2,045 |
| TOTALS | | | 558,106 | 592,668,973 | 503,463,181 | |

Allocation and Assistance Summary

| | |
|---|---------------|
| Allocation To Irrigation | \$642,164,667 |
| Less: Master Water Service Contract Costs | -\$49,495,697 |
| Equals: Total Irrigation Costs Subject To Irrigation Assistance | \$592,668,970 |
| Less: Part Time Farm Units | -\$500,000 |
| Less: Average Repayment of \$131.60 Per Acre | -\$73,446,789 |
| Less: State of Washington and Misc. Contributions | -\$15,259,000 |
| Total Assistance Required | \$503,463,181 |