

**United States Bureau of Reclamation - Mid Pacific Region, Central Valley Operations Office**  
**Forecast of CVP Generation**  
**Based on USBR 90 Pct Forecast -B2, Dated 5/25/2022**  
**Losses are Estimated per WAPA Contractual Provisions**  
**Energy Generation (All values in GWh)**

| Month | Trinity | JF Carr | Spring Creek | Shasta | Keswick | Folsom | Nimbus | New Melones | Federal San Luis | O'Neill | Total Losses | Total at Tracy |          |         |
|-------|---------|---------|--------------|--------|---------|--------|--------|-------------|------------------|---------|--------------|----------------|----------|---------|
|       |         |         |              |        |         |        |        |             |                  |         |              | CVP            | Proj Use | Net CVP |
| MAY   | 23      | 15      | 5            | 77     | 18      | 25     | 3      | 41          | 5                | 0       | 4            | 210            | 40       | 170     |
| JUN   | 12      | 13      | 8            | 86     | 20      | 45     | 5      | 44          | 12               | 0       | 4            | 240            | 30       | 210     |
| JUL   | 13      | 15      | 10           | 86     | 21      | 73     | 9      | 31          | 14               | 0       | 5            | 270            | 55       | 215     |
| AUG   | 18      | 16      | 10           | 84     | 21      | 63     | 9      | 27          | 0                | 0       | 4            | 240            | 70       | 170     |
| SEP   | 16      | 15      | 10           | 70     | 18      | 25     | 4      | 16          | 0                | 0       | 3            | 170            | 45       | 125     |
| OCT   | 6       | 5       | 15           | 54     | 15      | 14     | 2      | 21          | 6                | 0       | 2            | 140            | 20       | 120     |
| NOV   | 5       | 5       | 0            | 61     | 15      | 13     | 2      | 5           | 0                | 0       | 2            | 100            | 60       | 40      |
| DEC   | 5       | 5       | 0            | 63     | 15      | 13     | 2      | 5           | 0                | 0       | 2            | 110            | 85       | 25      |
| JAN   | 5       | 5       | 2            | 62     | 15      | 12     | 2      | 5           | 0                | 0       | 2            | 110            | 135      | -25     |
| FEB   | 4       | 2       | 2            | 58     | 14      | 11     | 2      | 10          | 0                | 0       | 2            | 100            | 25       | 75      |
| MAR   | 4       | 1       | 5            | 65     | 15      | 37     | 6      | 18          | 4                | 0       | 3            | 150            | 15       | 135     |
| APR   | 15      | 20      | 5            | 66     | 15      | 32     | 5      | 33          | 0                | 0       | 3            | 190            | 25       | 165     |
| Total | 127     | 117     | 74           | 833    | 202     | 363    | 51     | 255         | 42               | 1       | 36           | 2030           | 605      | 1425    |

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**Capacity Based on Estimated Gross Head (All values in MW)**

| Month | Trinity | JF Carr | Spring Creek | Shasta | Keswick | Folsom | Nimbus | New Melones | Federal San Luis | O'Neill | Tot. Cap. at Plant | Total Losses | Total Capacity at Tracy |          |     |         |
|-------|---------|---------|--------------|--------|---------|--------|--------|-------------|------------------|---------|--------------------|--------------|-------------------------|----------|-----|---------|
|       |         |         |              |        |         |        |        |             |                  |         |                    |              | CVP                     | Sch. Out | PU  | Net CVP |
| MAY   | 46      | 74      | 182          | 554    | 16      | 195    | 4      | 243         | 101              | 0       | 1415               | 24           | 1390                    | 120      | 55  | 1335    |
| JUN   | 44      | 147     | 182          | 544    | 19      | 195    | 8      | 231         | 93               | 0       | 1464               | 25           | 1440                    | 50       | 50  | 1390    |
| JUL   | 43      | 147     | 182          | 526    | 19      | 180    | 13     | 220         | 83               | 0       | 1414               | 24           | 1390                    | 50       | 75  | 1315    |
| AUG   | 40      | 147     | 182          | 405    | 29      | 107    | 6      | 211         | 0                | 0       | 1128               | 20           | 1110                    | 105      | 60  | 1050    |
| SEP   | 37      | 147     | 182          | 389    | 26      | 48     | 3      | 206         | 0                | 0       | 1037               | 18           | 1020                    | 210      | 40  | 980     |
| OCT   | 34      | 75      | 91           | 382    | 21      | 45     | 3      | 100         | 73               | 0       | 826                | 14           | 810                     | 325      | 50  | 760     |
| NOV   | 66      | 0       | 91           | 286    | 14      | 84     | 3      | 98          | 0                | 0       | 642                | 11           | 630                     | 415      | 35  | 595     |
| DEC   | 63      | 0       | 91           | 379    | 14      | 78     | 3      | 99          | 0                | 0       | 727                | 13           | 715                     | 340      | 75  | 640     |
| JAN   | 63      | 0       | 91           | 290    | 21      | 74     | 3      | 198         | 0                | 0       | 740                | 13           | 730                     | 400      | 65  | 665     |
| FEB   | 65      | 77      | 91           | 307    | 22      | 79     | 2      | 198         | 0                | 0       | 840                | 15           | 825                     | 240      | 110 | 715     |
| MAR   | 70      | 154     | 91           | 331    | 21      | 124    | 4      | 197         | 112              | 0       | 1105               | 18           | 1085                    | 255      | 30  | 1055    |
| APR   | 73      | 150     | 0            | 471    | 22      | 130    | 4      | 196         | 0                | 0       | 1045               | 18           | 1025                    | 185      | 35  | 990     |

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**Project Use Pumping**  
**Project Energy Use at Tracy Load Center (All values in GWh)**

| Month | Tracy | Federal Banks | Contra Costa | O'Neill | Federal San Luis | San Felipe | Dos Amigos | Other Uses | Total at Tracy |         |          |
|-------|-------|---------------|--------------|---------|------------------|------------|------------|------------|----------------|---------|----------|
|       |       |               |              |         |                  |            |            |            | CVP            | On Peak | Off Peak |
| MAY   | 13    | 0             | 1            | 1       | 0                | 1          | 6          | 19         | 40             | 15      | 10       |
| JUN   | 13    | 0             | 1            | 0       | 0                | 2          | 8          | 8          | 30             | 25      | 20       |
| JUL   | 29    | 0             | 1            | 0       | 0                | 2          | 7          | 17         | 55             | 20      | 15       |
| AUG   | 38    | 0             | 1            | 3       | 3                | 2          | 4          | 20         | 70             | 15      | 15       |
| SEP   | 29    | 0             | 1            | 1       | 0                | 2          | 3          | 7          | 45             | 15      | 10       |
| OCT   | 14    | 0             | 1            | 0       | 0                | 1          | 1          | 3          | 20             | 10      | 10       |
| NOV   | 33    | 0             | 0            | 5       | 14               | 0          | 1          | 5          | 60             | 10      | 10       |
| DEC   | 42    | 0             | 0            | 8       | 29               | 0          | 0          | 5          | 85             | 20      | 25       |
| JAN   | 55    | 0             | 0            | 13      | 54               | 0          | 0          | 10         | 135            | 15      | 25       |
| FEB   | 15    | 0             | 0            | 1       | 4                | 0          | 1          | 3          | 25             | 40      | 80       |
| MAR   | 11    | 0             | 1            | 0       | 0                | 0          | 2          | 2          | 15             | 10      | 5        |
| APR   | 13    | 0             | 1            | 2       | 0                | 0          | 3          | 8          | 25             | 10      | 5        |
| Total | 304   | 0             | 10           | 34      | 105              | 12         | 36         | 105        | 605            | 205     | 230      |

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**Project Use Pumping**  
**Project Capacity Use at Tracy Load Center (All values in MW)**

| Month | Tracy |     | Federal Banks |     | Contra Costa |     | O'Neill |     | Federal San Luis |     | San Felipe |     | Dos Amigos |     | Other<br>On/Off |
|-------|-------|-----|---------------|-----|--------------|-----|---------|-----|------------------|-----|------------|-----|------------|-----|-----------------|
|       | On    | Off | On            | Off | On           | Off | On      | Off | On               | Off | On         | Off | On         | Off |                 |
| MAY   | 18    | 18  | 0             | 0   | 1            | 1   | 4       | 4   | 0                | 18  | 0          | 0   | 6          | 6   | 25              |
| JUN   | 18    | 18  | 0             | 0   | 1            | 1   | 4       | 4   | 0                | 0   | 2          | 2   | 12         | 12  | 12              |
| JUL   | 36    | 36  | 0             | 0   | 1            | 1   | 0       | 0   | 0                | 0   | 3          | 3   | 12         | 12  | 23              |
| AUG   | 18    | 18  | 0             | 0   | 2            | 2   | 0       | 0   | 0                | 0   | 3          | 3   | 12         | 12  | 26              |
| SEP   | 18    | 18  | 0             | 0   | 2            | 2   | 4       | 4   | 0                | 0   | 3          | 3   | 6          | 6   | 9               |
| OCT   | 36    | 36  | 0             | 0   | 1            | 1   | 0       | 0   | 0                | 0   | 3          | 3   | 6          | 6   | 4               |
| NOV   | 18    | 18  | 0             | 0   | 1            | 1   | 0       | 0   | 0                | 0   | 2          | 2   | 6          | 6   | 7               |
| DEC   | 51    | 51  | 0             | 0   | 1            | 1   | 8       | 8   | 0                | 42  | 1          | 1   | 6          | 6   | 6               |
| JAN   | 36    | 36  | 0             | 0   | 1            | 1   | 8       | 8   | 0                | 41  | 0          | 0   | 6          | 6   | 13              |
| FEB   | 81    | 81  | 0             | 0   | 0            | 0   | 20      | 20  | 0                | 134 | 1          | 1   | 6          | 6   | 4               |
| MAR   | 18    | 18  | 0             | 0   | 0            | 0   | 4       | 4   | 0                | 0   | 0          | 0   | 6          | 6   | 2               |
| APR   | 18    | 18  | 0             | 0   | 1            | 1   | 0       | 0   | 0                | 0   | 0          | 0   | 6          | 6   | 11              |