

United States Bureau of Reclamation - Mid Pacific Region, Central Valley Operations Office
Forecast of CVP Generation
Based on USBR 90 Pct Forecast -B2, Dated 7/26/2022
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 |
| JUL | 14 | 17 | 10 | 87 | 21 | 78 | 10 | 35 | 7 | 0 | 5 | 270 | 70 | 200 |
| AUG | 18 | 16 | 10 | 86 | 21 | 63 | 9 | 27 | 0 | 0 | 4 | 240 | 75 | 165 |
| SEP | 17 | 15 | 10 | 71 | 18 | 24 | 4 | 16 | 1 | 0 | 3 | 170 | 40 | 130 |
| OCT | 6 | 5 | 15 | 55 | 15 | 18 | 3 | 21 | 0 | 0 | 2 | 140 | 35 | 105 |
| NOV | 5 | 5 | 0 | 63 | 15 | 17 | 3 | 5 | 0 | 0 | 2 | 110 | 60 | 50 |
| DEC | 5 | 4 | 0 | 66 | 15 | 18 | 3 | 5 | 0 | 0 | 2 | 110 | 85 | 25 |
| JAN | 4 | 2 | 0 | 67 | 15 | 15 | 2 | 5 | 0 | 0 | 2 | 110 | 125 | -15 |
| FEB | 3 | 0 | 0 | 62 | 14 | 15 | 2 | 10 | 0 | 0 | 2 | 110 | 15 | 95 |
| MAR | 4 | 1 | 5 | 68 | 15 | 16 | 2 | 18 | 1 | 0 | 2 | 130 | 15 | 115 |
| APR | 14 | 15 | 0 | 131 | 27 | 38 | 5 | 33 | 9 | 0 | 5 | 270 | 25 | 245 |
| MAY | 22 | 3 | 0 | 168 | 34 | 42 | 6 | 37 | 28 | 1 | 6 | 340 | 40 | 300 |
| JUN | 8 | 5 | 0 | 179 | 37 | 49 | 7 | 34 | 39 | 3 | 6 | 360 | 35 | 325 |
| Total | 122 | 89 | 51 | 1103 | 247 | 392 | 55 | 246 | 85 | 5 | 42 | 2360 | 620 | 1740 |

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Losses are Estimated per WAPA Contractual Provisions
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 |
| JUL | 44 | 148 | 182 | 542 | 19 | 184 | 13 | 220 | 89 | 0 | 1440 | 25 | 1415 | 50 | 115 | 1300 |
| AUG | 41 | 147 | 182 | 418 | 19 | 164 | 6 | 211 | 0 | 0 | 1189 | 21 | 1170 | 55 | 110 | 1060 |
| SEP | 38 | 147 | 182 | 404 | 17 | 50 | 3 | 205 | 83 | 0 | 1129 | 19 | 1110 | 185 | 75 | 1035 |
| OCT | 35 | 75 | 91 | 399 | 14 | 144 | 4 | 100 | 0 | 0 | 863 | 15 | 850 | 235 | 55 | 795 |
| NOV | 69 | 0 | 91 | 303 | 14 | 138 | 4 | 99 | 0 | 0 | 718 | 13 | 705 | 440 | 75 | 630 |
| DEC | 68 | 0 | 91 | 307 | 14 | 132 | 4 | 100 | 0 | 0 | 717 | 13 | 705 | 365 | 90 | 615 |
| JAN | 68 | 0 | 91 | 315 | 21 | 86 | 3 | 201 | 0 | 0 | 786 | 14 | 775 | 415 | 100 | 675 |
| FEB | 70 | 77 | 91 | 329 | 22 | 88 | 2 | 201 | 0 | 0 | 881 | 15 | 865 | 250 | 25 | 840 |
| MAR | 75 | 154 | 91 | 351 | 21 | 145 | 2 | 201 | 134 | 0 | 1173 | 20 | 1155 | 265 | 35 | 1120 |
| APR | 79 | 150 | 0 | 483 | 37 | 155 | 4 | 199 | 132 | 0 | 1238 | 21 | 1220 | 185 | 35 | 1185 |
| MAY | 82 | 147 | 0 | 602 | 31 | 158 | 8 | 196 | 122 | 2 | 1348 | 23 | 1325 | 170 | 60 | 1265 |
| JUN | 85 | 147 | 0 | 583 | 53 | 150 | 10 | 189 | 105 | 4 | 1326 | 23 | 1305 | 90 | 60 | 1245 |

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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 |
| JUL | 39 | 0 | 1 | 1 | 0 | 2 | 7 | 22 | 70 | 40 | 35 |
| AUG | 39 | 0 | 1 | 3 | 4 | 2 | 4 | 21 | 75 | 40 | 35 |
| SEP | 28 | 0 | 1 | 1 | 0 | 2 | 3 | 6 | 40 | 25 | 20 |
| OCT | 25 | 0 | 1 | 1 | 1 | 1 | 1 | 5 | 35 | 20 | 15 |
| NOV | 32 | 0 | 0 | 4 | 15 | 0 | 1 | 5 | 60 | 25 | 35 |
| DEC | 40 | 0 | 0 | 8 | 32 | 0 | 0 | 5 | 85 | 30 | 55 |
| JAN | 48 | 0 | 0 | 12 | 55 | 1 | 0 | 9 | 125 | 35 | 85 |
| FEB | 10 | 0 | 0 | 1 | 3 | 1 | 0 | 2 | 15 | 5 | 10 |
| MAR | 10 | 0 | 1 | 0 | 0 | 1 | 1 | 2 | 15 | 10 | 5 |
| APR | 10 | 0 | 1 | 0 | 0 | 2 | 4 | 7 | 25 | 15 | 10 |
| MAY | 10 | 0 | 1 | 0 | 0 | 2 | 8 | 17 | 40 | 20 | 15 |
| JUN | 10 | 0 | 1 | 0 | 0 | 2 | 13 | 9 | 35 | 20 | 15 |
| Total | 302 | 0 | 10 | 30 | 111 | 16 | 42 | 109 | 620 | 285 | 335 |

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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 On/Off |
|-------|-------|-----|---------------|-----|--------------|-----|---------|-----|------------------|-----|------------|-----|------------|-----|-----------------|
| | On | Off | On | Off | On | Off | On | Off | On | Off | On | Off | On | Off | |
| JUL | 66 | 66 | 0 | 0 | 2 | 2 | 4 | 4 | 0 | 0 | 3 | 3 | 12 | 12 | 29 |
| AUG | 66 | 66 | 0 | 0 | 2 | 2 | 4 | 4 | 0 | 19 | 3 | 3 | 6 | 6 | 28 |
| SEP | 51 | 51 | 0 | 0 | 1 | 1 | 4 | 4 | 0 | 0 | 2 | 2 | 6 | 6 | 9 |
| OCT | 36 | 36 | 0 | 0 | 1 | 1 | 4 | 4 | 0 | 19 | 2 | 2 | 6 | 6 | 6 |
| NOV | 51 | 51 | 0 | 0 | 1 | 1 | 8 | 8 | 0 | 57 | 0 | 0 | 6 | 6 | 7 |
| DEC | 66 | 66 | 0 | 0 | 1 | 1 | 12 | 12 | 0 | 115 | 0 | 0 | 6 | 6 | 6 |
| JAN | 66 | 66 | 0 | 0 | 0 | 0 | 16 | 16 | 0 | 180 | 1 | 1 | 6 | 6 | 12 |
| FEB | 18 | 18 | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 22 | 1 | 1 | 0 | 0 | 3 |
| MAR | 18 | 18 | 0 | 0 | 1 | 1 | 4 | 4 | 0 | 0 | 2 | 2 | 6 | 6 | 2 |
| APR | 18 | 18 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 2 | 6 | 6 | 9 |
| MAY | 18 | 18 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 3 | 3 | 12 | 12 | 23 |
| JUN | 18 | 18 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 3 | 3 | 24 | 24 | 13 |