

OPERACIÓN NORMAL DEMANDA MAXIMA

Network Table - Nodes at 10:00 Hrs

| | Elevation | Base Demand | Demand | Head | Pressure |
|---------------------|------------------|--------------------|---------------|-------------|-----------------|
| Node ID | m | LPS | LPS | m | m |
| Junc AUN1 | 2586 | 0 | 0 | 2642,9 | 56,9 |
| Junc AV39-1 | 2625 | 0 | 0 | 2627,57 | 2,57 |
| Junc CAJICA-TBUQ4 | 2589 | 111 | 111 | 2642,67 | 53,67 |
| Junc CCASB | 2624 | -37 | -37 | 2629,81 | 5,81 |
| Junc CCZ1 | 2643 | 0 | 0 | 2655 | 12 |
| Junc CHIA-TCS3 | 2580 | 203,06 | 203,06 | 2653,55 | 73,55 |
| Junc CPNAL | 2627 | -349 | -349 | 2627,57 | 0,57 |
| Junc CSUBA | 2640 | -5200 | -5200 | 2644,94 | 4,94 |
| Junc DR-FSMB1 | 2830 | 0 | 0 | 2870 | 40 |
| Junc DR-FSMB2 | 2748 | 0 | 0 | 2870 | 122 |
| Junc DR-SALPH | 2869 | 0 | 0 | 2870 | 1 |
| Junc DR-UVMB | 2815 | 0 | 0 | 2819,98 | 4,98 |
| Junc FCV-ALP-1 | 2942 | 0 | 0 | 3034,56 | 92,56 |
| Junc FCV-ALP-2 | 2942 | 0 | 0 | 2942 | 0 |
| Junc FCV-CAS-1 | 2751 | 0 | 0 | 2759,95 | 8,95 |
| Junc FCV-CAS-2 | 2751 | 0 | 0 | 2753 | 2 |
| Junc FCV-FSVT-1 | 2748 | 0 | 0 | 2783,76 | 35,76 |
| Junc FCV-FSVT-2 | 2748 | 0 | 0 | 2754 | 6 |
| Junc FCV-JAL-1 | 2683 | 0 | 0 | 2777,06 | 94,06 |
| Junc FCV-JAL-2 | 2683 | 0 | 0 | 2683 | 0 |
| Junc FCV-MBFS-1 | 2750 | 0 | 0 | 2870 | 120 |
| Junc FCV-MBFS-2 | 2750 | 0 | 0 | 2754 | 4 |
| Junc FCV-MBLG-1 | 2750 | 0 | 0 | 2800,62 | 50,62 |
| Junc FCV-MBLG-2 | 2750 | 0 | 0 | 2754,02 | 4,02 |
| Junc FCV-PH-1 | 2870 | 0 | 0 | 2944,9 | 74,9 |
| Junc FCV-PH-2 | 2870 | 0 | 0 | 2870 | 0 |
| Junc FCV-PS-1 | 3030 | 0 | 0 | 3049 | 19 |
| Junc FCV-PS-2 | 3030 | 0 | 0 | 3030 | 0 |
| Junc FCV-QUIN-1 | 3048 | 0 | 0 | 3180,3 | 132,3 |
| Junc FCV-QUIN-2 | 3048 | 0 | 0 | 3053 | 5 |
| Junc FCV-SLC-1 | 2596 | 0 | 0 | 2635,23 | 39,23 |
| Junc FCV-SLC-2 | 2596 | 0 | 0 | 2621,84 | 25,84 |
| Junc FCV-SM2-1 | 2729 | 0 | 0 | 3026,85 | 297,85 |
| Junc FCV-SM2-2 | 2729 | 0 | 0 | 2736 | 7 |
| Junc FCV-SM3-1 | 2828 | 0 | 0 | 3176,84 | 348,85 |
| Junc FCV-SM3-2 | 2828 | 0 | 0 | 2835 | 7 |
| Junc FCVSucsub-1 | 2614 | 0 | 0 | 2642,4 | 28,4 |
| Junc FCVSucsub-2 | 2614 | 0 | 0 | 2616 | 2 |
| Junc FCV-UVAL-1 | 2820 | 0 | 0 | 2879,64 | 59,63 |
| Junc FCV-UVAL-2 | 2820 | 0 | 0 | 2820,04 | 0,04 |
| Junc FCV-VIC-1 | 2840 | 0 | 0 | 2886,98 | 46,98 |
| Junc FCV-VIC-2 | 2840 | 0 | 0 | 2840 | 0 |
| Junc ISBA1 | 2614 | 0 | 0 | 2780,05 | 166,05 |
| Junc MNOR-STG-TBUQ3 | 2589 | 85,26 | 85,26 | 2642,67 | 53,67 |
| Junc MUN-OCC | 2570 | 205,61 | 205,61 | 2625,12 | 55,12 |

OPERACIÓN NORMAL DEMANDA MAXIMA

Network Table - Nodes at 10:00 Hrs

| | Elevation | Base Demand | Demand | Head | Pressure |
|-------------------|-----------|-------------|--------|---------|----------|
| Node ID | m | LPS | LPS | m | m |
| Junc PMP-ALQN-1 | 0 | 0 | 0 | 2941,99 | 2941,99 |
| Junc PMP-ALQN-2 | 0 | 0 | 0 | 3181,03 | 3181,03 |
| Junc PMP-CASSM2-1 | 2595 | 0 | 0 | 2629,7 | 34,7 |
| Junc PMP-CASSM2-2 | 2595 | 0 | 0 | 3027,22 | 432,22 |
| Junc PMP-CLVC-1 | 2774 | 0 | 0 | 2784,06 | 10,06 |
| Junc PMP-CLVC-2 | 2774 | 0 | 0 | 2887,48 | 113,48 |
| Junc PMP-CON-1 | 0 | 0 | 0 | 2786,97 | 2786,97 |
| Junc PMP-CON-2 | 0 | 0 | 0 | 2859,01 | 2859,01 |
| Junc PMP-CSVL-1 | 2727 | 0 | 0 | 2752,99 | 25,99 |
| Junc PMP-CSVL-2 | 2727 | 0 | 0 | 2835,66 | 108,66 |
| Junc PMP-DIO-1 | 0 | 0 | 0 | 2786,98 | 2786,98 |
| Junc PMP-DIO-2 | 0 | 0 | 0 | 3029,87 | 3029,87 |
| Junc PMP-DRPS-1 | 0 | 0 | 0 | 2945 | 2945 |
| Junc PMP-DRPS-2 | 0 | 0 | 0 | 3049,1 | 3049,1 |
| Junc PMP-JLCS-1 | 2681 | 0 | 0 | 2683 | 2 |
| Junc PMP-JLCS-2 | 2681 | 0 | 0 | 2760,58 | 79,58 |
| Junc PMP-PSCH-1 | 3028 | 0 | 0 | 3030 | 2 |
| Junc PMP-PSCH-2 | 3028 | 0 | 0 | 3165,12 | 137,12 |
| Junc PMP-QNJR-1 | 3050 | 0 | 0 | 3052,95 | 2,95 |
| Junc PMP-QNJR-2 | 3050 | 0 | 0 | 3115,48 | 65,48 |
| Junc PMP-SM2-1 | 2730 | 0 | 0 | 2735,99 | 5,99 |
| Junc PMP-SM2-2 | 2730 | 0 | 0 | 3177,12 | 447,12 |
| Junc PMPSubAlt-1 | 2614 | 0 | 0 | 2615,97 | 1,97 |
| Junc PMPSubAlt-2 | 2614 | 0 | 0 | 2780,52 | 166,52 |
| Junc PMPSubMed-1 | 2614 | 0 | 0 | 2615,94 | 1,94 |
| Junc PMPSubMed-2 | 2614 | 0 | 0 | 2721,69 | 107,69 |
| Junc PMP-VCAL-1 | 2838 | 0 | 0 | 2839,98 | 1,98 |
| Junc PMP-VCAL-2 | 2838 | 0 | 0 | 3035,65 | 197,65 |
| Junc PRV-STFE-1 | 2605 | 0 | 0 | 2699,21 | 94,21 |
| Junc PRV-STFE-2 | 2605 | 0 | 0 | 2640 | 35 |
| Junc PRV-ZBN-1 | 2584 | 0 | 0 | 2708,51 | 124,51 |
| Junc PRV-ZBN-2 | 2584 | 0 | 0 | 2642,89 | 58,89 |
| Junc PRV-ZBS-1 | 2584 | 0 | 0 | 2708,51 | 124,51 |
| Junc PRV-ZBS-2 | 2584 | 0 | 0 | 2633 | 49 |
| Junc PRV-ZINT-1 | 2584 | 0 | 0 | 2708,54 | 124,54 |
| Junc PRV-ZINT-2 | 2584 | 0 | 0 | 2643 | 59 |
| Junc S01-1 | 2586 | 67,65 | 98,09 | 2623,24 | 37,24 |
| Junc S01-10 | 2574 | 81,16 | 117,68 | 2603,62 | 29,62 |
| Junc S01-2 | 2575 | 45,91 | 66,57 | 2617,25 | 42,25 |
| Junc S01-3 | 2575 | 56,43 | 81,82 | 2613,19 | 38,19 |
| Junc S01-4 | 2575 | 65,08 | 94,37 | 2606,35 | 31,35 |
| Junc S01-5 | 2575 | 85,09 | 123,38 | 2607,06 | 32,06 |
| Junc S01-6 | 2575 | 37,71 | 54,68 | 2606,97 | 31,97 |
| Junc S01-7 | 2585 | 29,29 | 42,47 | 2622,72 | 37,72 |
| Junc S01-8 | 2582 | 76,89 | 111,49 | 2618,65 | 36,65 |

OPERACIÓN NORMAL DEMANDA MAXIMA

Network Table - Nodes at 10:00 Hrs

| | Elevation | Base Demand | Demand | Head | Pressure |
|----------------|------------------|--------------------|---------------|-------------|-----------------|
| Node ID | m | LPS | LPS | m | m |
| Junc S01-9 | 2575 | 151,17 | 219,2 | 2615,9 | 40,9 |
| Junc S01-TCS30 | 2583 | 38,92 | 56,43 | 2629,57 | 46,57 |
| Junc S02-1 | 2575 | 241,82 | 350,64 | 2626,85 | 51,85 |
| Junc S02-10 | 2574 | 62,67 | 90,87 | 2613,69 | 39,69 |
| Junc S02-11 | 2574 | 33,99 | 49,29 | 2609,25 | 35,25 |
| Junc S02-12 | 2574 | 94,75 | 137,39 | 2607,06 | 33,06 |
| Junc S02-13 | 2580 | 83,46 | 121,02 | 2624,39 | 44,39 |
| Junc S02-14 | 2574 | 39,87 | 57,81 | 2612,94 | 38,94 |
| Junc S02-15 | 2574 | 40,6 | 58,87 | 2610,36 | 36,36 |
| Junc S02-16 | 2574 | 126,63 | 183,61 | 2612,69 | 38,69 |
| Junc S02-3 | 2575 | 65,27 | 94,64 | 2629,57 | 54,57 |
| Junc S02-4 | 2575 | 93,87 | 136,11 | 2627,8 | 52,8 |
| Junc S02-5 | 2575 | 84,34 | 122,29 | 2612,52 | 37,52 |
| Junc S02-6 | 2574 | 70,75 | 102,59 | 2608,95 | 34,95 |
| Junc S02-7 | 2574 | 63,67 | 92,32 | 2607,47 | 33,47 |
| Junc S02-8 | 2575 | 77,8 | 112,81 | 2624,32 | 49,32 |
| Junc S02-9 | 2575 | 78,48 | 113,8 | 2617,69 | 42,69 |
| Junc S03-1 | 2575 | 23,07 | 33,45 | 2631,43 | 56,43 |
| Junc S03-10 | 2572 | 16,19 | 23,48 | 2626,44 | 54,44 |
| Junc S03-11 | 2570 | 24,84 | 36,02 | 2626,51 | 56,51 |
| Junc S03-12 | 2570 | 42,45 | 61,55 | 2625,78 | 55,78 |
| Junc S03-13 | 2570 | 45,3 | 65,68 | 2614,12 | 44,12 |
| Junc S03-14 | 2570 | 38,71 | 56,13 | 2610,33 | 40,33 |
| Junc S03-2 | 2574 | 63,38 | 91,9 | 2630,51 | 56,51 |
| Junc S03-3 | 2571 | 30,52 | 44,25 | 2629,54 | 58,54 |
| Junc S03-4 | 2570 | 13,21 | 19,15 | 2629,2 | 59,2 |
| Junc S03-5 | 2570 | 57,11 | 82,81 | 2628,14 | 58,14 |
| Junc S03-6 | 2570 | 54,28 | 78,71 | 2626,38 | 56,38 |
| Junc S03-7 | 2570 | 49,27 | 71,44 | 2625,79 | 55,79 |
| Junc S03-8 | 2570 | 31,18 | 45,21 | 2625,28 | 55,28 |
| Junc S03-9 | 2575 | 36,88 | 53,48 | 2626,88 | 51,88 |
| Junc S04-1 | 2579 | 20,23 | 29,33 | 2639,08 | 60,08 |
| Junc S04-10 | 2570 | 105,44 | 152,89 | 2630,77 | 60,77 |
| Junc S04-11 | 2570 | 67,14 | 97,35 | 2630,01 | 60,01 |
| Junc S04-12 | 2570 | 52,75 | 76,49 | 2629,98 | 59,98 |
| Junc S04-14 | 2581 | 34,16 | 49,53 | 2636,63 | 55,63 |
| Junc S04-15 | 2575 | 35,45 | 51,4 | 2634,38 | 59,37 |
| Junc S04-16 | 2570 | 51,16 | 74,18 | 2628,07 | 58,06 |
| Junc S04-17 | 2575 | 47,75 | 69,24 | 2635,42 | 60,42 |
| Junc S04-18 | 2580 | 94,84 | 137,52 | 2633,92 | 53,92 |
| Junc S04-19 | 2570 | 73,6 | 106,72 | 2628,2 | 58,2 |
| Junc S04-2 | 2570 | 51,63 | 74,86 | 2632,9 | 62,9 |
| Junc S04-20 | 2570 | 78,26 | 113,48 | 2625,83 | 55,83 |
| Junc S04-21 | 2570 | 26,73 | 38,76 | 2627,16 | 57,16 |
| Junc S04-22 | 2570 | 71,3 | 103,39 | 2622,09 | 52,09 |

OPERACIÓN NORMAL DEMANDA MAXIMA

Network Table - Nodes at 10:00 Hrs

| | Elevation | Base Demand | Demand | Head | Pressure |
|-----------------|------------------|--------------------|---------------|-------------|-----------------|
| Node ID | m | LPS | LPS | m | m |
| Junc S04-23 | 2570 | 36,07 | 52,3 | 2620,35 | 50,35 |
| Junc S04-24 | 2579 | 36,18 | 52,46 | 2632,92 | 53,92 |
| Junc S04-25 | 2570 | 63,77 | 92,47 | 2631,2 | 61,2 |
| Junc S04-26 | 2570 | 65,41 | 94,84 | 2629,69 | 59,69 |
| Junc S04-27 | 2570 | 35,64 | 51,68 | 2628,02 | 58,02 |
| Junc S04-28 | 2570 | 31,34 | 45,44 | 2630,19 | 60,19 |
| Junc S04-29 | 2570 | 27,91 | 40,47 | 2623,96 | 53,96 |
| Junc S04-3 | 2570 | 52,57 | 76,23 | 2632,15 | 62,15 |
| Junc S04-4 | 2570 | 52,35 | 75,91 | 2631,41 | 61,41 |
| Junc S04-5 | 2570 | 26,9 | 39,01 | 2630,98 | 60,97 |
| Junc S04-7 | 2579 | 19,26 | 27,93 | 2638,41 | 59,41 |
| Junc S04-8 | 2570 | 21,32 | 30,91 | 2636,2 | 66,2 |
| Junc S04-9 | 2570 | 45,16 | 65,48 | 2633,43 | 63,43 |
| Junc S05-1 | 2589 | 14,38 | 20,85 | 2636,07 | 47,07 |
| Junc S05-10 | 2584 | 10,38 | 15,05 | 2629,01 | 45,01 |
| Junc S05-11 | 2583 | 7,44 | 10,79 | 2631,54 | 48,54 |
| Junc S05-12 | 2582 | 56,63 | 82,11 | 2626,96 | 44,96 |
| Junc S05-13 | 2582 | 14,47 | 20,98 | 2631,41 | 49,41 |
| Junc S05-14 | 2572 | 39,4 | 57,13 | 2625,18 | 53,18 |
| Junc S05-15 | 2571 | 34,15 | 49,52 | 2625,13 | 54,13 |
| Junc S05-16 | 2571 | 17,88 | 25,93 | 2624,77 | 53,77 |
| Junc S05-17 | 2571 | 0,93 | 1,35 | 2624,77 | 53,77 |
| Junc S05-1-ISBM | 2680 | 86,82 | 86,82 | 2721,17 | 41,17 |
| Junc S05-2 | 2589 | 11,6 | 16,82 | 2634,77 | 45,77 |
| Junc S05-23 | 2584 | 6,23 | 9,03 | 2632,54 | 48,54 |
| Junc S05-2-ISBA | 2730 | 55,8 | 55,8 | 2778,48 | 48,48 |
| Junc S05-3 | 2584 | 15,6 | 22,62 | 2632,05 | 48,05 |
| Junc S05-4 | 2586 | 2,85 | 4,13 | 2632,04 | 46,04 |
| Junc S05-5 | 2584 | 12,45 | 18,05 | 2632,57 | 48,57 |
| Junc S05-6 | 2584 | 10,46 | 15,17 | 2632,17 | 48,17 |
| Junc S05-7 | 2584 | 3,03 | 4,39 | 2632,03 | 48,03 |
| Junc S05-8 | 2584 | 20,13 | 29,19 | 2633,05 | 49,05 |
| Junc S05-9 | 2584 | 18,72 | 27,14 | 2629,28 | 45,28 |
| Junc S05-RFSB0 | 2592 | 0 | 0 | 2644,23 | 52,23 |
| Junc S05-RFSB1 | 2582 | 43,74 | 63,42 | 2643,16 | 61,16 |
| Junc S05-RFSB2 | 2582 | 31,62 | 45,85 | 2642,22 | 60,22 |
| Junc S05-SBCC1 | 2584 | 24,48 | 35,5 | 2635,73 | 51,73 |
| Junc S05-SBCC2 | 2585 | 18,54 | 26,88 | 2634,86 | 49,86 |
| Junc S05-SBCM1 | 2581 | 54,75 | 79,39 | 2630,04 | 49,04 |
| Junc S05-SBCM2 | 2582 | 46,18 | 66,96 | 2627,49 | 45,49 |
| Junc S05-SBR1 | 2582 | 38,16 | 55,33 | 2637,58 | 55,58 |
| Junc S05-SBR21 | 2581 | 23,85 | 34,58 | 2635 | 54 |
| Junc S05-SBR22 | 2582 | 27,31 | 39,6 | 2633,44 | 51,44 |
| Junc S06-2 | 2590 | 101,66 | 147,41 | 2641,2 | 51,2 |
| Junc S06-3 | 2600 | 30,17 | 43,75 | 2639,31 | 39,31 |

OPERACIÓN NORMAL DEMANDA MAXIMA

Network Table - Nodes at 10:00 Hrs

| | Elevation | Base Demand | Demand | Head | Pressure |
|-----------------|------------------|--------------------|---------------|-------------|-----------------|
| Node ID | m | LPS | LPS | m | m |
| Junc S06-4 | 2588 | 53,59 | 77,71 | 2623,94 | 35,94 |
| Junc S06-5 | 2588 | 46,4 | 67,28 | 2622,88 | 34,88 |
| Junc S06-6 | 2600 | 24,18 | 35,06 | 2622,66 | 22,66 |
| Junc S06-7 | 2584 | 85,82 | 124,44 | 2627,61 | 43,61 |
| Junc S06-TCS10 | 2584 | 38,27 | 55,49 | 2643,94 | 59,94 |
| Junc S06-TCS14 | 2585 | 51,86 | 75,2 | 2643,31 | 58,31 |
| Junc S06-TCS9 | 2586 | 58,18 | 84,36 | 2644,98 | 58,98 |
| Junc S07-1 | 2584 | 54,91 | 79,62 | 2643,52 | 59,52 |
| Junc S07-2 | 2585 | 65,87 | 95,51 | 2642,98 | 57,98 |
| Junc S07-3 | 2585 | 23,72 | 34,39 | 2642,97 | 57,97 |
| Junc S07-4 | 2600 | 29,66 | 43,01 | 2642,75 | 42,75 |
| Junc S07-5 | 2587 | 125,89 | 182,54 | 2642,94 | 55,94 |
| Junc S07-7 | 2604 | 13,24 | 19,2 | 2642,75 | 38,75 |
| Junc S07-8 | 2608 | 17,15 | 24,87 | 2642,53 | 34,53 |
| Junc S07-9 | 2608 | 33,21 | 48,15 | 2642,55 | 34,55 |
| Junc S07-AUN2 | 2584 | 77,81 | 112,82 | 2643,69 | 59,69 |
| Junc S07-AUN3 | 2582 | 139,66 | 202,51 | 2641,86 | 59,86 |
| Junc S07-TBUQ11 | 2586 | 106,71 | 154,73 | 2642,93 | 56,93 |
| Junc S07-TBUQ14 | 2586 | 133,16 | 193,08 | 2642,89 | 56,89 |
| Junc S07-TBUQ15 | 2585 | 24,87 | 36,06 | 2642,89 | 57,89 |
| Junc S08-1 | 2585 | 61,61 | 89,33 | 2632,97 | 47,98 |
| Junc S08-2 | 2584 | 201,71 | 292,48 | 2631,57 | 47,57 |
| Junc S08-3 | 2583 | 58,45 | 84,75 | 2630,39 | 47,39 |
| Junc S09-1 | 2586 | 117,99 | 171,09 | 2640,27 | 54,27 |
| Junc S09-2 | 2581 | 194,77 | 282,42 | 2633,78 | 52,78 |
| Junc S09-3-X911 | 2581 | 94,57 | 137,13 | 2643,39 | 62,39 |
| Junc S09-4-X912 | 2586 | 63,82 | 92,54 | 2643,35 | 57,35 |
| Junc S10-1 | 2581 | 100,63 | 145,91 | 2632,28 | 51,28 |
| Junc S10-2 | 2582 | 44,69 | 64,8 | 2631,56 | 49,56 |
| Junc S10-3 | 2579 | 104,71 | 151,83 | 2634,94 | 55,94 |
| Junc S10-5 | 2579 | 34,75 | 50,39 | 2632,87 | 53,87 |
| Junc S10-6 | 2580 | 10,47 | 15,18 | 2632,82 | 52,82 |
| Junc S11-0 | 2593 | 21,99 | 31,89 | 2623,9 | 30,9 |
| Junc S11-01 | 2580 | 2,64 | 3,83 | 2623,62 | 43,62 |
| Junc S11-1 | 2591 | 9,34 | 13,54 | 2623,06 | 32,06 |
| Junc S11-10 | 2590 | 50,23 | 72,83 | 2620,31 | 30,31 |
| Junc S11-11 | 2591 | 8,15 | 11,82 | 2620,31 | 29,31 |
| Junc S11-12 | 2591 | 9,28 | 13,46 | 2620,33 | 29,33 |
| Junc S11-13 | 2591 | 12,94 | 18,76 | 2620,46 | 29,46 |
| Junc S11-14 | 2592 | 39,48 | 57,25 | 2620,98 | 28,98 |
| Junc S11-15 | 2617 | 81,3 | 117,89 | 2621,83 | 4,83 |
| Junc S11-16 | 2585 | 12,45 | 18,05 | 2623,08 | 38,08 |
| Junc S11-17 | 2580 | 6,89 | 9,99 | 2623,09 | 43,09 |
| Junc S11-18 | 2580 | 4,45 | 6,45 | 2622,91 | 42,91 |
| Junc S11-19 | 2575 | 19,93 | 28,9 | 2622,85 | 47,85 |

OPERACIÓN NORMAL DEMANDA MAXIMA

Network Table - Nodes at 10:00 Hrs

| | Elevation | Base Demand | Demand | Head | Pressure |
|----------------|------------------|--------------------|---------------|-------------|-----------------|
| Node ID | m | LPS | LPS | m | m |
| Junc S11-2 | 2589 | 23,39 | 33,92 | 2622,92 | 33,92 |
| Junc S11-20 | 2580 | 48,95 | 70,98 | 2622,85 | 42,85 |
| Junc S11-21 | 2583 | 51,34 | 74,44 | 2621,74 | 38,74 |
| Junc S11-22 | 2585 | 25,14 | 36,45 | 2621,22 | 36,22 |
| Junc S11-23 | 2585 | 87,82 | 127,34 | 2620,93 | 35,93 |
| Junc S11-24 | 2585 | 127,82 | 185,34 | 2621,27 | 36,27 |
| Junc S11-25 | 2586 | 118,82 | 172,29 | 2618,82 | 32,82 |
| Junc S11-26 | 2584 | 60,44 | 87,64 | 2618,64 | 34,64 |
| Junc S11-27 | 2586 | 40,68 | 58,99 | 2620,42 | 34,42 |
| Junc S11-28 | 2590 | 14,42 | 20,91 | 2619,97 | 29,97 |
| Junc S11-29 | 2592 | 81,6 | 118,32 | 2619,86 | 27,86 |
| Junc S11-3 | 2590 | 15,89 | 23,04 | 2622,6 | 32,6 |
| Junc S11-30 | 2594 | 7,78 | 11,28 | 2620,5 | 26,5 |
| Junc S11-31 | 2592 | 6,62 | 9,6 | 2620,19 | 28,19 |
| Junc S11-32 | 2592 | 33,22 | 48,17 | 2620,06 | 28,06 |
| Junc S11-33 | 2589 | 22,28 | 32,31 | 2620,2 | 31,2 |
| Junc S11-34 | 2591 | 18,63 | 27,01 | 2620,13 | 29,13 |
| Junc S11-35 | 2592 | 27,44 | 39,79 | 2620,08 | 28,08 |
| Junc S11-36 | 2580 | 42,09 | 61,03 | 2622,85 | 42,85 |
| Junc S11-37 | 2594 | 26,99 | 39,14 | 2620,78 | 26,78 |
| Junc S11-4 | 2593 | 8,37 | 12,14 | 2622,6 | 29,6 |
| Junc S11-5 | 2590 | 46,58 | 67,54 | 2622,41 | 32,41 |
| Junc S11-6 | 2589 | 29,19 | 42,33 | 2621,66 | 32,66 |
| Junc S11-7 | 2589 | 63,75 | 92,44 | 2621,08 | 32,08 |
| Junc S11-8 | 2589 | 42,24 | 61,25 | 2620,62 | 31,62 |
| Junc S11-9 | 2590 | 27,35 | 39,66 | 2620,32 | 30,32 |
| Junc S12-1 | 2578 | 143,54 | 208,13 | 2631,37 | 53,37 |
| Junc S12-2 | 2582 | 98,76 | 143,2 | 2622,07 | 40,07 |
| Junc S12-3 | 2583 | 181,56 | 263,26 | 2627,45 | 44,45 |
| Junc S12-4 | 2584 | 49,76 | 72,15 | 2627,31 | 43,31 |
| Junc S13-1 | 2584 | 47,01 | 68,16 | 2628,71 | 44,71 |
| Junc S13-10 | 2590 | 71,4 | 103,53 | 2626,09 | 36,09 |
| Junc S13-11 | 2596 | 41,37 | 59,99 | 2625,95 | 29,95 |
| Junc S13-12 | 2597 | 54,24 | 78,65 | 2625,81 | 28,81 |
| Junc S13-2 | 2585 | 36,55 | 53 | 2627,72 | 42,72 |
| Junc S13-3 | 2585 | 94,27 | 136,69 | 2622,78 | 37,78 |
| Junc S13-4 | 2589 | 27,49 | 39,86 | 2627,79 | 38,79 |
| Junc S13-5 | 2589 | 23,61 | 34,23 | 2627,72 | 38,72 |
| Junc S13-6 | 2585 | 26,27 | 38,09 | 2627,76 | 42,76 |
| Junc S13-7 | 2587 | 23,07 | 33,45 | 2626,36 | 39,36 |
| Junc S13-8 | 2590 | 24,2 | 35,09 | 2626,09 | 36,09 |
| Junc S14-1 | 2689 | 17,25 | 25,01 | 2766 | 77 |
| Junc S14-2 | 2669 | 124,2 | 180,09 | 2760,49 | 91,49 |
| Junc S15-14-8 | 2655 | 2,25 | 3,26 | 2779,62 | 124,62 |
| Junc S15-3-1 | 2750 | 15,72 | 15,72 | 2786,77 | 36,77 |

OPERACIÓN NORMAL DEMANDA MAXIMA

Network Table - Nodes at 10:00 Hrs

| | Elevation | Base Demand | Demand | Head | Pressure |
|----------------|------------------|--------------------|---------------|-------------|-----------------|
| Node ID | m | LPS | LPS | m | m |
| Junc S15-3-2 | 2730 | 9,98 | 9,98 | 2786,68 | 56,68 |
| Junc S15-3-4 | 2712 | 19,01 | 19,01 | 2786,63 | 74,63 |
| Junc S15-3-5 | 2700 | 29,61 | 42,93 | 2786,51 | 86,51 |
| Junc S15-4-10 | 2698 | 79,92 | 115,88 | 2777,49 | 79,49 |
| Junc S15-4-11 | 2687 | 47,28 | 68,56 | 2777 | 90 |
| Junc S15-4-12 | 2597 | 18,68 | 27,09 | 2776,78 | 179,78 |
| Junc S15-4-13 | 2596 | 42,85 | 62,13 | 2776,6 | 180,6 |
| Junc S15-4-14 | 2669 | 23,46 | 34,02 | 2780,97 | 111,97 |
| Junc S15-4-15 | 2768 | 28,28 | 41,01 | 2784,11 | 16,11 |
| Junc S15-4-2 | 2785 | 16,74 | 24,27 | 2786,98 | 1,98 |
| Junc S15-4-3 | 2700 | 8,18 | 11,86 | 2785,57 | 85,57 |
| Junc S15-4-4 | 2650 | 13,45 | 19,5 | 2785,11 | 135,11 |
| Junc S15-4-5 | 2657 | 10,1 | 14,65 | 2784,66 | 127,66 |
| Junc S15-4-6 | 2657 | 67,44 | 97,79 | 2784,44 | 127,44 |
| Junc S15-4-7 | 2642 | 2,21 | 3,2 | 2781,54 | 139,54 |
| Junc S15-4-9 | 2681 | 28,87 | 41,86 | 2778,85 | 97,85 |
| Junc S15-4-DT | 2680 | 177,28 | 257,06 | 2768,46 | 88,46 |
| Junc S16-2-1 | 2600 | 27,54 | 39,93 | 2698,82 | 98,82 |
| Junc S16-2-2 | 2600 | 40,86 | 59,25 | 2698,77 | 98,77 |
| Junc S16-2-3 | 2598 | 47,21 | 68,45 | 2698,75 | 100,75 |
| Junc S16-2-4 | 2602 | 18,5 | 26,83 | 2698,75 | 96,75 |
| Junc S16-2-5 | 2606 | 31,4 | 45,53 | 2699,21 | 93,21 |
| Junc S16-3-10 | 2596 | 1,27 | 1,84 | 2635,23 | 39,23 |
| Junc S16-3-3 | 2603 | 34,61 | 50,18 | 2640,01 | 37,01 |
| Junc S16-3-4 | 2600 | 60,38 | 87,55 | 2639,75 | 39,75 |
| Junc S16-3-5 | 2598 | 45 | 65,25 | 2637,89 | 39,89 |
| Junc S16-3-6 | 2598 | 37,88 | 54,93 | 2637,16 | 39,16 |
| Junc S16-3-7 | 2596 | 40,11 | 58,16 | 2636,65 | 40,65 |
| Junc S16-3-8 | 2596 | 83,33 | 120,83 | 2635,42 | 39,42 |
| Junc S16-3-9 | 2615 | 27,43 | 39,77 | 2634,54 | 19,54 |
| Junc S17-1 | 2580 | 37,03 | 53,69 | 2629,49 | 49,49 |
| Junc S17-10 | 2580 | 84,22 | 122,12 | 2623,84 | 43,85 |
| Junc S17-11 | 2588 | 69,37 | 100,59 | 2627,73 | 39,73 |
| Junc S17-12 | 2588 | 41,34 | 59,94 | 2627,39 | 39,39 |
| Junc S17-13 | 2586 | 42,42 | 61,51 | 2626,84 | 40,84 |
| Junc S17-14 | 2585 | 25,01 | 36,26 | 2626,8 | 41,8 |
| Junc S17-15 | 2588 | 24,45 | 35,45 | 2626,8 | 38,8 |
| Junc S17-16 | 2592 | 15,93 | 23,1 | 2626,81 | 34,81 |
| Junc S17-17 | 2599 | 24,67 | 35,77 | 2626,63 | 27,63 |
| Junc S17-18 | 2578 | 43,83 | 63,55 | 2625,04 | 47,04 |
| Junc S17-19 | 2579 | 7,07 | 10,25 | 2626,09 | 47,09 |
| Junc S17-2 | 2580 | 33,89 | 49,14 | 2628,67 | 48,67 |
| Junc S17-3 | 2580 | 60,18 | 87,26 | 2628,26 | 48,26 |
| Junc S17-4 | 2585 | 116,71 | 169,23 | 2626,62 | 41,62 |
| Junc S17-5 | 2586 | 39,79 | 57,7 | 2626,45 | 40,45 |

OPERACIÓN NORMAL DEMANDA MAXIMA

Network Table - Nodes at 10:00 Hrs

| | Elevation | Base Demand | Demand | Head | Pressure |
|----------------|------------------|--------------------|---------------|-------------|-----------------|
| Node ID | m | LPS | LPS | m | m |
| Junc S17-7 | 2578 | 46,08 | 66,82 | 2628,17 | 50,17 |
| Junc S17-8 | 2580 | 31,16 | 45,18 | 2627,13 | 47,13 |
| Junc S17-9 | 2580 | 37,7 | 54,67 | 2626,09 | 46,09 |
| Junc S18-1-1 | 2585 | 27,33 | 39,63 | 2643 | 58 |
| Junc S18-1-2 | 2605 | 79,11 | 114,71 | 2642,58 | 37,58 |
| Junc S18-2-1 | 2586 | 81,12 | 117,62 | 2642,47 | 56,47 |
| Junc S18-2-2 | 2601 | 61,91 | 89,77 | 2642,44 | 41,43 |
| Junc S19 | 2694 | 35,02 | 50,78 | 2700 | 6 |
| Junc S19-2-1 | 2663 | 17,68 | 25,64 | 2699,78 | 36,78 |
| Junc S19-2-2 | 2618 | 25,57 | 37,08 | 2699,25 | 81,25 |
| Junc S19-2-3 | 2619 | 32,55 | 47,2 | 2697,89 | 78,89 |
| Junc S19-2-4 | 2615 | 9,67 | 14,02 | 2697,45 | 82,45 |
| Junc S19-2-5 | 2631 | 11,55 | 16,75 | 2697,45 | 66,45 |
| Junc S19-3-1 | 2639 | 29,45 | 42,7 | 2699,47 | 60,47 |
| Junc S19-3-10 | 2615 | 37,86 | 54,9 | 2698,61 | 83,61 |
| Junc S19-3-11 | 2611 | 23,42 | 33,96 | 2698,6 | 87,6 |
| Junc S19-3-12 | 2601 | 2,55 | 3,7 | 2698,6 | 97,6 |
| Junc S19-3-13 | 2611 | 26,51 | 38,44 | 2698,26 | 87,26 |
| Junc S19-3-14 | 2618 | 32,67 | 47,37 | 2697,64 | 79,64 |
| Junc S19-3-15 | 2625 | 4,55 | 6,6 | 2697,64 | 72,64 |
| Junc S19-3-16 | 2624 | 95,36 | 138,27 | 2696,77 | 72,77 |
| Junc S19-3-2 | 2640 | 10,58 | 15,34 | 2699,46 | 59,46 |
| Junc S19-3-3 | 2650 | 65,17 | 94,5 | 2698,87 | 48,87 |
| Junc S19-3-4 | 2671 | 15,52 | 22,5 | 2698,75 | 27,75 |
| Junc S19-3-5 | 2674 | 1,37 | 1,99 | 2698,75 | 24,75 |
| Junc S19-3-6 | 2629 | 4,94 | 7,16 | 2698,73 | 69,73 |
| Junc S19-3-7 | 2650 | 8,37 | 12,14 | 2698,73 | 48,73 |
| Junc S19-3-8 | 2629 | 39,59 | 57,41 | 2699,3 | 70,3 |
| Junc S19-3-9 | 2626 | 69,35 | 100,56 | 2698,85 | 72,85 |
| Junc S20-1 | 2838 | 123,95 | 179,73 | 2839,98 | 1,98 |
| Junc S21-1 | 2855 | 25,49 | 25,49 | 2858,69 | 3,69 |
| Junc S22-1 | 2937 | 89,18 | 129,31 | 2942 | 5 |
| Junc S23-1 | 3048 | 19,88 | 28,83 | 3052,95 | 4,95 |
| Junc S23-3 | 2980 | 67,68 | 98,14 | 3037,47 | 57,47 |
| Junc S23-4 | 3025 | 3,55 | 5,15 | 3037,43 | 12,43 |
| Junc S24-1 | 3054 | 6,34 | 9,19 | 3115,41 | 61,41 |
| Junc S24-2 | 3074 | 7,86 | 11,4 | 3115,36 | 41,36 |
| Junc S24-3 | 3077 | 1,9 | 2,76 | 3115,33 | 38,33 |
| Junc S24-4 | 3090 | 0,2 | 0,2 | 3115,32 | 25,32 |
| Junc S24-5 | 3115 | 19,77 | 28,67 | 3115,31 | 0,31 |
| Junc S25-1 | 2917 | 9,66 | 9,66 | 3029,75 | 112,75 |
| Junc S26-1 | 2629 | 9,75 | 14,14 | 2753,06 | 124,06 |
| Junc S26-10 | 2853 | 4,99 | 7,24 | 2885,09 | 32,09 |
| Junc S26-1-1 | 2728 | 101,06 | 146,54 | 2752,21 | 24,21 |
| Junc S26-11 | 2885 | 15,09 | 21,88 | 2889,95 | 4,95 |

OPERACIÓN NORMAL DEMANDA MAXIMA

Network Table - Nodes at 10:00 Hrs

| | Elevation | Base Demand | Demand | Head | Pressure |
|--------------------|------------------|--------------------|---------------|-------------|-----------------|
| Node ID | m | LPS | LPS | m | m |
| Junc S26-12 | 2858 | 43,46 | 63,02 | 2870 | 12 |
| Junc S26-13 | 2940 | 8,37 | 12,14 | 2945 | 5 |
| Junc S26-14 | 3028 | 0,58 | 0,84 | 3030 | 2 |
| Junc S26-16-SOCHES | 3130 | 15,1 | 15,1 | 3163,96 | 33,96 |
| Junc S26-2 | 2700 | 3,36 | 4,87 | 2753,51 | 53,51 |
| Junc S26-3 | 2628 | 55,46 | 80,42 | 2752,21 | 124,21 |
| Junc S26-4 | 2749 | 74,33 | 107,78 | 2753,45 | 4,45 |
| Junc S26-7 | 2754 | 36,96 | 53,59 | 2800,63 | 46,63 |
| Junc S26-8 | 2728 | 65,23 | 94,58 | 2804,16 | 76,16 |
| Junc S27-1 | 2680 | 101,63 | 147,36 | 2683 | 3 |
| Junc S28-1 | 2727 | 58,64 | 85,03 | 2753 | 25,99 |
| Junc S29-1 | 2820 | 112,29 | 112,29 | 2833,2 | 13,2 |
| Junc S30-1 | 2580 | 0 | 0 | 2651,72 | 71,72 |
| Junc S30-2 | 2580 | 0 | 0 | 2651,67 | 71,68 |
| Junc S30-3 | 2585 | 0 | 0 | 2651,41 | 66,41 |
| Junc S30-4 | 2578 | 0 | 0 | 2651,11 | 73,11 |
| Junc S30-5 | 2576 | 466,01 | 675,71 | 2649,98 | 73,98 |
| Junc S30-6 | 2576 | 0 | 0 | 2650,03 | 74,03 |
| Junc S35-2 | 2584 | 44,36 | 64,32 | 2645,84 | 61,84 |
| Junc S35-3 | 2597 | 7,99 | 11,59 | 2642,78 | 45,78 |
| Junc S35-AUN0 | 2583 | 0 | 0 | 2646,67 | 63,67 |
| Junc S35-TBUQ8 | 2587 | 0 | 0 | 2642,85 | 55,85 |
| Junc S35-TBUQ9 | 2587 | 70,43 | 102,12 | 2642,86 | 55,87 |
| Junc S36-1 | 2706 | 54,94 | 79,66 | 2735,92 | 29,92 |
| Junc S36-2 | 2700 | 68,85 | 99,83 | 2735,71 | 35,71 |
| Junc S36-3 | 2695 | 18,67 | 27,07 | 2735,91 | 40,91 |
| Junc S36-4 | 2824 | 31,87 | 46,21 | 2835 | 11 |
| Junc S36-6 | 2735 | 11,94 | 17,31 | 2834,98 | 99,98 |
| Junc S36-7 | 2730 | 31,35 | 45,46 | 2834,98 | 104,98 |
| Junc S37-1 | 2588 | 28,01 | 40,61 | 2629,36 | 41,36 |
| Junc S37-2 | 2583 | 16,97 | 24,61 | 2629,29 | 46,3 |
| Junc S37-3 | 2586 | 14,59 | 21,16 | 2629,28 | 43,28 |
| Junc S37-4 | 2585 | 5,65 | 8,19 | 2629,27 | 44,27 |
| Junc S37-5 | 2594 | 103,92 | 150,68 | 2627 | 33 |
| Junc S37-6 | 2594 | 76,35 | 110,71 | 2626,07 | 32,07 |
| Junc S37-TCS31 | 2588 | 98,99 | 143,54 | 2629,57 | 41,57 |
| Junc S37-TCS32 | 2595 | 59,85 | 86,78 | 2629,72 | 34,72 |
| Junc SAL-ALQN-2 | 2937 | 0 | 0 | 3181,03 | 244,03 |
| Junc SAL-CASSM2-2 | 2595 | 0 | 0 | 3027,22 | 432,22 |
| Junc SAL-CLVC-2 | 2757 | 0 | 0 | 2887,47 | 130,47 |
| Junc SAL-CON-2 | 2775 | 0 | 0 | 2859,01 | 84,01 |
| Junc SAL-CSF | 2605 | 0 | 0 | 2640 | 35 |
| Junc SAL-CSVL-2 | 2727 | 0 | 0 | 2835,65 | 108,65 |
| Junc SAL-DIO-2 | 2775 | 0 | 0 | 3029,87 | 254,87 |
| Junc SAL-FSDR | 2754 | 0 | 0 | 2870 | 116 |

OPERACIÓN NORMAL DEMANDA MAXIMA

Network Table - Nodes at 10:00 Hrs

| | Elevation | Base Demand | Demand | Head | Pressure |
|---------------------|------------------|--------------------|---------------|-------------|-----------------|
| Node ID | m | LPS | LPS | m | m |
| Junc SAL-JLCS-2 | 2680 | 0 | 0 | 2760,58 | 80,58 |
| Junc SAL-QNJR-2 | 3056 | 0 | 0 | 3115,48 | 59,48 |
| Junc SAL-SM2-1 | 2729 | 0 | 0 | 2736 | 7 |
| Junc Sal-SUCSUB | 2614 | 0 | 0 | 2616 | 2 |
| Junc SAL-VCAL | 2900 | 0 | 0 | 3034,73 | 134,73 |
| Junc SAL-VIC-2 | 2840 | 0 | 0 | 2840 | 0 |
| Junc SAUQ | 2710 | 0 | 0 | 2710 | 0 |
| Junc SAUQ-0 | 2586 | 0 | 0 | 2708,57 | 122,57 |
| Junc SAUQ-1 | 2584 | 0 | 0 | 2708,54 | 124,54 |
| Junc SAUQ-2 | 2584 | 0 | 0 | 2708,51 | 124,51 |
| Junc STBA | 2690 | 0 | 0 | 2696 | 6 |
| Junc STBB | 2660 | 0 | 0 | 2666 | 6 |
| Junc TBUQ0-URB-ZIPA | 2590 | 0 | 0 | 2642,67 | 52,67 |
| Junc TBUQ1 | 2589 | 0 | 0 | 2642,67 | 53,67 |
| Junc TBUQ10 | 2587 | 0 | 0 | 2642,9 | 55,9 |
| Junc TBUQ2 | 2589 | 0 | 0 | 2642,67 | 53,67 |
| Junc TBUQ5 | 2584 | 0 | 0 | 2642,75 | 58,75 |
| Junc TBUQ6 | 2588 | 0 | 0 | 2642,81 | 54,81 |
| Junc TBUQ7-BN1 | 2588 | 0 | 0 | 2642,82 | 54,82 |
| Junc TCS0-URB | 2590 | 0 | 0 | 2665,85 | 75,85 |
| Junc TCS1 | 2590 | 0 | 0 | 2665,29 | 75,29 |
| Junc TCS11 | 2584 | 0 | 0 | 2643,69 | 59,69 |
| Junc TCS12 | 2583 | 0 | 0 | 2643,53 | 60,53 |
| Junc TCS13 | 2582 | 0 | 0 | 2643,44 | 61,44 |
| Junc TCS15 | 2578 | 0 | 0 | 2643,28 | 65,28 |
| Junc TCS16 | 2578 | 0 | 0 | 2642,47 | 64,47 |
| Junc TCS16-1 | 2579 | 0 | 0 | 2639,1 | 60,1 |
| Junc TCS17 | 2579 | 0 | 0 | 2638,43 | 59,43 |
| Junc TCS18 | 2581 | 0 | 0 | 2636,65 | 55,65 |
| Junc TCS19 | 2580 | 0 | 0 | 2635,46 | 55,46 |
| Junc TCS2 | 2587 | 0 | 0 | 2661,58 | 74,58 |
| Junc TCS20 | 2580 | 0 | 0 | 2634,33 | 54,33 |
| Junc TCS21 | 2579 | 0 | 0 | 2632,93 | 53,93 |
| Junc TCS22 | 2575 | 0 | 0 | 2631,43 | 56,43 |
| Junc TCS23 | 2574 | 0 | 0 | 2630,86 | 56,86 |
| Junc TCS24 | 2576 | 0 | 0 | 2630,51 | 54,51 |
| Junc TCS25 | 2577 | 0 | 0 | 2629,88 | 52,88 |
| Junc TCS26 | 2580 | 0 | 0 | 2629,65 | 49,65 |
| Junc TCS27 | 2580 | 0 | 0 | 2629,62 | 49,62 |
| Junc TCS28 | 2584 | 0 | 0 | 2629,58 | 45,58 |
| Junc TCS29 | 2584 | 0 | 0 | 2629,57 | 45,57 |
| Junc TCS33 | 2622 | 0 | 0 | 2629,81 | 7,81 |
| Junc TCS4 | 2583 | 0 | 0 | 2648,93 | 65,93 |
| Junc TCS5 | 2583 | 0 | 0 | 2647,3 | 64,3 |
| Junc TCS6 | 2583 | 0 | 0 | 2646,67 | 63,67 |

OPERACIÓN NORMAL DEMANDA MAXIMA

Network Table - Nodes at 10:00 Hrs

| | Elevation | Base Demand | Demand | Head | Pressure |
|-------------------|------------------|--------------------|---------------|-------------|-----------------|
| Node ID | m | LPS | LPS | m | m |
| Junc TCS7 | 2584 | 0 | 0 | 2646,35 | 62,35 |
| Junc TCS8 | 2584 | 0 | 0 | 2645,89 | 61,89 |
| Junc TUBQ16 | 2585 | 0 | 0 | 2642,89 | 57,89 |
| Junc USL1 | 2585 | 0 | 0 | 2632,98 | 47,98 |
| Junc VAL-ALP-2 | 2942 | 0 | 0 | 2942 | 0 |
| Junc VAL-CAS-2 | 2751 | 0 | 0 | 2753 | 2 |
| Junc VAL-FSDR-2 | 2754 | 0 | 0 | 2754 | 0 |
| Junc VAL-FSVT-2 | 2754 | 0 | 0 | 2754 | 0 |
| Junc VAL-JAL-2 | 2683 | 0 | 0 | 2683 | 0 |
| Junc VAL-MBFS-2 | 2750 | 0 | 0 | 2754 | 4 |
| Junc VAL-MBLG-2 | 2750 | 0 | 0 | 2754,01 | 4,01 |
| Junc VAL-PH-2 | 2870 | 0 | 0 | 2870 | 0 |
| Junc VAL-PS-2 | 3030 | 0 | 0 | 3030 | 0 |
| Junc VAL-QUIN | 3048 | 0 | 0 | 3053 | 5 |
| Junc VAL-SLC-2 | 2596 | 0 | 0 | 2621,84 | 25,84 |
| Junc VAL-SM2-2 | 2729 | 0 | 0 | 2736 | 7 |
| Junc VAL-SM3-2 | 2828 | 0 | 0 | 2835 | 7 |
| Junc VAL-UVAL-2 | 2820 | 0 | 0 | 2820,02 | 0,02 |
| Junc VIT | 2782 | 0 | 0 | 2786,99 | 4,99 |
| Junc VIT-DICO | 2775 | 0 | 0 | 2786,98 | 11,98 |
| Junc VT-DICOL | 2720 | 0 | 0 | 2784,32 | 64,32 |
| Junc VT-DTBY1 | 2669 | 0 | 0 | 2780,95 | 111,95 |
| Junc VT-DTBY2 | 2700 | 0 | 0 | 2769,92 | 69,92 |
| Junc VT-FS1 | 2657 | 0 | 0 | 2784,26 | 127,26 |
| Junc VT-FS2 | 2680 | 0 | 0 | 2783,85 | 103,85 |
| Junc VTJS-1 | 2614 | 0 | 0 | 2781,58 | 167,58 |
| Junc VTJS-2 | 2596 | 0 | 0 | 2780,89 | 184,89 |
| Junc XS78 | 2640 | 0 | 0 | 2644,92 | 4,92 |
| Junc XS781 | 2592 | 0 | 0 | 2644,36 | 52,36 |
| Resvr Castillo | 2753 | | -26,39 | 2753 | 0 |
| Resvr Cazuca | 2655 | | -675,71 | 2655 | 0 |
| Resvr Chico | 2766 | | -205,1 | 2766 | 0 |
| Resvr Columnas | 2774 | | 0 | 2774 | 0 |
| Resvr EIConsuelo | 2855 | | 0 | 2855 | 0 |
| Resvr EIDorado | 2945 | | -71,28 | 2945 | 0 |
| Resvr EIPaso | 3030 | | -0,26 | 3030 | 0 |
| Resvr EIVolador | 2823 | | 0 | 2823 | 0 |
| Resvr Jalisco | 2683 | | -45,73 | 2683 | 0 |
| Resvr JuanRey | 3122 | | 0 | 3122 | 0 |
| Resvr LaFiscalá | 2754 | | -31,15 | 2754 | 0 |
| Resvr LaLaguna | 2890 | | -307,12 | 2890 | 0 |
| Resvr LosAlpes | 2942 | | -40,13 | 2942 | 0 |
| Resvr LosPinos | 3030 | | 0 | 3030 | 0 |
| Resvr LosSoches | 3130 | | 0 | 3130 | 0 |
| Resvr Monteblanco | 2754 | | -78,52 | 2754 | 0 |

OPERACIÓN NORMAL DEMANDA MAXIMA

Network Table - Nodes at 10:00 Hrs

| | Elevation | Base Demand | Demand | Head | Pressure |
|-----------------------|------------------|--------------------|---------------|-------------|-----------------|
| Node ID | m | LPS | LPS | m | m |
| Resvr PiedraHerrada | 2870 | | -19,56 | 2870 | 0 |
| Resvr Quindio | 3053 | | -57,14 | 3053 | 0 |
| Resvr SanDiego | 2700 | | -1708,49 | 2700 | 0 |
| Resvr SanDionisio | 2917 | | 0 | 2917 | 0 |
| Resvr SantaAna | 2710 | | -2774,35 | 2710 | 0 |
| Resvr SanVicente | 2840 | | -55,78 | 2840 | 0 |
| Resvr SierraMorena2 | 2736 | | -64,11 | 2736 | 0 |
| Resvr SierraMorena3 | 2835 | | -33,82 | 2835 | 0 |
| Resvr SubaAlto | 2735 | | 0 | 2735 | 0 |
| Resvr SubalInterNorte | 2687 | | 0 | 2687 | 0 |
| Resvr SubaSuccion | 2616 | | 0 | 2616 | 0 |
| Resvr TibitocAlto | 2696 | | 0 | 2696 | 0 |
| Resvr TibitocBajo | 2666 | | -3632,77 | 2666 | 0 |
| Resvr Uval | 2820 | | -45,68 | 2820 | 0 |
| Resvr Vitelma | 2787 | | -1626,37 | 2787 | 0 |
| Tank Casablanca | 2624 | | -1912,3 | 2629,81 | 5,81 |
| Tank ParqueNacional | 2625 | | -340,42 | 2627,57 | 2,57 |
| Tank SantaLucia | 2619 | | -373,72 | 2621,84 | 2,84 |
| Tank Suba | 2640 | | -1814,91 | 2644,92 | 4,92 |

OPERACIÓN NORMAL DEMANDA MAXIMA

Network Table - Links at 10:00 Hrs

| Link ID | Length m | Diameter mm | Flow LPS | Velocity m/s | Unit Headloss m/km | Status |
|-----------------|-------------|----------------|-------------|-----------------|-----------------------|--------|
| Pipe CCZ-ASSO1 | 380 | 609,6 | 178,64 | 0,61 | 0,81 | Open |
| Pipe CCZ-ASSO2 | 2070 | 609,6 | 178,64 | 0,61 | 0,69 | Open |
| Pipe CCZ-CZS11 | 1 | 1066,8 | 675,71 | 0,76 | 0,6 | Open |
| Pipe CCZ-CZS12 | 1020 | 762 | 675,71 | 1,48 | 3,21 | Open |
| Pipe CCZ-RFAS1 | 750 | 914,4 | -497,08 | 0,76 | 0,75 | Open |
| Pipe CCZ-RFAS2 | 1700 | 914,4 | 497,08 | 0,76 | 0,64 | Open |
| Pipe CCZ-XAUS2 | 10 | 609,6 | 497,08 | 1,7 | 4,58 | Open |
| Pipe CCZ-XAUS3 | 10 | 609,6 | -497,08 | 1,7 | 4,61 | Open |
| Pipe CHI-ROSA1 | 1 | 508 | 205,1 | 1,01 | 2,68 | Open |
| Pipe CHI-ROSA2 | 2750 | 508 | 180,09 | 0,89 | 2 | Open |
| Pipe ConCASB | 5 | 1524 | 37 | 0,02 | 0 | Open |
| Pipe ConPNAL | 5 | 1524 | 349 | 0,19 | 0 | Open |
| Pipe ConSLC | 5 | 1524 | 121 | 0,07 | 0 | Open |
| Pipe ConSUBA | 5 | 1524 | 5200 | 2,85 | 3,51 | Open |
| Pipe CSF-C27S | 600 | 304,8 | -39,77 | 0,55 | 1,47 | Open |
| Pipe CSF-CLL21 | 730 | 406,4 | 0 | 0 | 0 | Closed |
| Pipe CSF-CLL22 | 700 | 406,4 | 58,16 | 0,45 | 0,73 | Open |
| Pipe CSF-KR151 | 1430 | 914,4 | 26,83 | 0,04 | 0 | Open |
| Pipe CSF-KR152 | 600 | 914,4 | -95,28 | 0,15 | 0,03 | Open |
| Pipe CSF-KR153 | 650 | 914,4 | -154,53 | 0,24 | 0,09 | Open |
| Pipe CSF-RK22 | 1370 | 1066,8 | 414,12 | 0,46 | 0,18 | Open |
| Pipe CSF-TQSL1 | 1150 | 762 | 461,78 | 1,01 | 1,62 | Open |
| Pipe CSF-TQSL2 | 600 | 762 | 396,53 | 0,87 | 1,22 | Open |
| Pipe CSF-TQSL3 | 2650 | 762 | 283,44 | 0,62 | 0,65 | Open |
| Pipe CSF-TQSL4 | 1400 | 762 | 122,84 | 0,27 | 0,14 | Open |
| Pipe CSF-TQSL5 | 10 | 762 | 121 | 0,27 | 0,12 | Open |
| Pipe CSF-XCSF1 | 104 | 762 | 0 | 0 | 0 | Closed |
| Pipe CSF-XCSF2 | 1200 | 762 | -194,46 | 0,43 | 0,33 | Open |
| Pipe CSF-XCSF3 | 910 | 762 | 185,4 | 0,41 | 65,06 | Open |
| Pipe CSF-XCSF4 | 1600 | 762 | 135,21 | 0,3 | 0,17 | Open |
| Pipe CSL-AVC11 | 30 | 508 | 76,1 | 0,38 | 0,42 | Open |
| Pipe CSL-AVC12 | 610 | 508 | -3,7 | 0,02 | 0 | Open |
| Pipe CSL-C11S | 250 | 609,6 | -6,6 | 0,02 | 0 | Open |
| Pipe CSL-CL63 | 480 | 304,8 | 1,47 | 0,02 | 0 | Open |
| Pipe CSL-EGCP | 950 | 406,4 | 8,37 | 0,06 | 0,02 | Open |
| Pipe CSL-K0415 | 470 | 609,6 | -12,14 | 0,04 | 0,01 | Open |
| Pipe CSL-K4011 | 1100 | 609,6 | 146,65 | 0,5 | 0,54 | Open |
| Pipe CSL-K4012 | 2200 | 609,6 | 43,79 | 0,15 | 0,06 | Open |
| Pipe CSL-K4013 | 1000 | 609,6 | 19,3 | 0,07 | 0,01 | Open |
| Pipe CSL-K4014 | 50 | 508 | -1,99 | 0,01 | 0 | Open |
| Pipe CSL-KR10 | 1000 | 406,4 | 38,44 | 0,3 | 0,34 | Open |
| Pipe CSL-KR5A | 1750 | 304,8 | 15,28 | 0,21 | 0,25 | Open |
| Pipe CSL-KR7A | 1700 | 304,8 | 15,49 | 0,21 | 0,26 | Open |
| Pipe CSL-KRR81 | 1100 | 609,6 | 192,24 | 0,66 | 0,88 | Open |
| Pipe CSL-KRR82 | 1450 | 609,6 | 138,27 | 0,47 | 0,6 | Open |
| Pipe CSL-SDCS1 | 1 | 1219,2 | 1708,49 | 1,46 | 1,19 | Open |
| Pipe CSL-SDCS2 | 2194 | 1219,2 | 839,5 | 0,72 | 0,36 | Open |
| Pipe CSL-SDHI1 | 350 | 609,6 | 140,68 | 0,48 | 0,62 | Open |
| Pipe CSL-SDHI12 | 1480 | 609,6 | 115,04 | 0,39 | 0,36 | Open |
| Pipe CSL-SDHI2 | 1080 | 406,4 | 77,97 | 0,6 | 1,26 | Open |

OPERACIÓN NORMAL DEMANDA MAXIMA

Network Table - Links at 10:00 Hrs

| Link ID | Length m | Diameter mm | Flow LPS | Velocity m/s | Unit Headloss m/km | Status |
|--------------------|-------------|----------------|-------------|-----------------|-----------------------|--------|
| Pipe CSL-SDS1 | 700 | 1066,8 | 677,53 | 0,76 | 0,75 | Open |
| Pipe CSL-SDS21 | 450 | 1066,8 | 472,83 | 0,53 | 0,38 | Open |
| Pipe CSL-SDS22 | 280 | 1066,8 | 161,99 | 0,18 | 0,05 | Open |
| Pipe CSL-SDS31 | 1500 | 1066,8 | 415,43 | 0,46 | 0,3 | Open |
| Pipe CSL-SDS32 | 1230 | 1066,8 | 323,23 | 0,36 | 0,19 | Open |
| Pipe DOR-AFSMB | 20 | 508 | 0 | 0 | 0 | Closed |
| Pipe DOR-DRPH1 | 2361 | 609,6 | 43,46 | 0,15 | 0,04 | Open |
| Pipe DOR-DRPH2 | 1 | 609,6 | -43,46 | 0,15 | 0 | Open |
| Pipe DOR-DRPS1 | 2087 | 406,4 | 15,68 | 0,12 | 0,05 | Open |
| Pipe DOR-DRPS2 | 1 | 304,8 | 15,68 | 0,21 | 0,3 | Open |
| Pipe DOR-FSMB1 | 10 | 508 | 0 | 0 | 0 | Open |
| Pipe DOR-FSMB4 | 6535 | 508 | 0 | 0 | 0 | Open |
| Pipe DOR-FSMB5 | 1050 | 406,4 | 0 | 0 | 0 | Open |
| Pipe DOR-FSMB6 | 1 | 406,4 | 0 | 0 | 0 | Open |
| Pipe DOR-FSMB7 | 1 | 406,4 | 0 | 0 | 0 | Open |
| Pipe DOR-LAUV1 | 10 | 508 | 307,12 | 1,52 | 5,39 | Open |
| Pipe DOR-LAUV2 | 620 | 457,2 | 285,24 | 1,74 | 7,83 | Open |
| Pipe DOR-LAUV3 | 730 | 457,2 | 278 | 1,69 | 7,47 | Open |
| Pipe DOR-LAUV4 | 5 | 508 | 278 | 1,37 | 4,46 | Open |
| Pipe DOR-MBFS1 | 863 | 508 | 94,85 | 0,47 | 0,52 | Open |
| Pipe DOR-MBFS2 | 863 | 508 | 99,72 | 0,49 | 0,57 | Open |
| Pipe DOR-PHMB1 | 10 | 762 | 63,02 | 0,14 | 0,06 | Open |
| Pipe DOR-PSSO1 | 5 | 254 | 15,94 | 0,31 | 0,48 | Open |
| Pipe DOR-PSSO2 | 5 | 254 | 15,1 | 0,3 | 0,42 | Open |
| Pipe DOR-PSSO3 | 2650 | 254 | 15,1 | 0,3 | 0,44 | Open |
| Pipe DOR-PSSO4 | 1 | 254 | 0 | 0 | 0 | Closed |
| Pipe DOR-SALDR | 1 | 762 | 71,28 | 0,16 | 0 | Open |
| Pipe DOR-SALPH | 1 | 304,8 | 63,02 | 0,86 | 2,38 | Open |
| Pipe DOR-UVMB1 | 3 | 508 | 323,68 | 1,6 | 5,95 | Open |
| Pipe DOR-UVMB2 | 2670 | 508 | 323,68 | 1,6 | 5,93 | Open |
| Pipe DOR-UVMB3 | 1130 | 508 | 229,09 | 1,13 | 3,13 | Open |
| Pipe DOR-UVMB4 | 5 | 508 | 175,5 | 0,87 | 1,9 | Open |
| Pipe DOR-UVMB5 | 5 | 508 | 175,5 | 0,87 | 1,9 | Open |
| Pipe DOR-VTFS1 | 1 | 609,6 | 68,57 | 0,23 | 0 | Open |
| Pipe DOR-VTMB1 | 1120 | 558,8 | 0 | 0 | 0 | Closed |
| Pipe DOR-VTMB2 | 1120 | 457,2 | 80,71 | 0,49 | 0,76 | Open |
| Pipe DOR-VTMB3 | 2058 | 457,2 | 0,29 | 0 | 0 | Open |
| Pipe DOR-VTMB4 | 910 | 508 | -146,25 | 0,72 | 1,36 | Open |
| Pipe DOR-VTMB5 | 145 | 508 | 254,02 | 1,25 | 3,78 | Open |
| Pipe DR-PHMB2 | 980 | 508 | 0 | 0 | 0 | Open |
| Pipe Lin-AELCONSUE | 5 | 304,8 | 25,49 | 0,35 | 0,65 | Open |
| Pipe Lin-Alpes | 1 | 609,6 | 216,36 | 0,74 | 0,89 | Open |
| Pipe Lin-ALPESAQUI | 2 | 406,4 | 127,18 | 0,98 | 2,23 | Open |
| Pipe Lin-AS.DIONIS | 5 | 304,8 | 9,66 | 0,13 | 0,12 | Open |
| Pipe Lin-CASABLANC | 10 | 914,4 | 217,62 | 0,33 | 0,15 | Open |
| Pipe Lin-Castillo | 1 | 609,6 | 170,93 | 0,59 | 0,6 | Open |
| Pipe Lin-CASTILLOA | 5 | 406,4 | 112,29 | 0,87 | 1,85 | Open |
| Pipe Lin-COLUMNASA | 5 | 609,6 | 340,31 | 1,17 | 1,96 | Open |
| Pipe Lin-DORADOALP | 10 | 406,4 | 15,68 | 0,12 | 0,06 | Open |
| Pipe Lin-Fiscala_V | 10 | 609,6 | 68,57 | 0,23 | 0,12 | Open |

OPERACIÓN NORMAL DEMANDA MAXIMA

Network Table - Links at 10:00 Hrs

| Link ID | Length m | Diameter mm | Flow LPS | Velocity m/s | Unit Headloss m/km | Status |
|--------------------|-------------|----------------|-------------|-----------------|-----------------------|--------|
| Pipe Lin-Jalisco | 1 | 609,6 | 272,56 | 0,93 | 1,49 | Open |
| Pipe Lin-JALISCOAC | 5 | 609,6 | 170,93 | 0,59 | 0,54 | Open |
| Pipe Lin-Lucia | 5 | 609,6 | 121 | 0,41 | 0,3 | Open |
| Pipe Lin-M/blanco_ | 5 | 508 | 175,5 | 0,87 | 1,9 | Open |
| Pipe Lin-MBFS | 1 | 406,4 | 0 | 0 | 0 | Open |
| Pipe Lin-P_Herrada | 1 | 609,6 | 43,46 | 0,15 | 0 | Open |
| Pipe Lin-Paso | 1 | 406,4 | 15,68 | 0,12 | 0 | Open |
| Pipe Lin-Quindio | 1 | 609,6 | 127,18 | 0,44 | 0,6 | Open |
| Pipe Lin-S.VICENTE | 5 | 609,6 | 216,36 | 0,74 | 1,13 | Open |
| Pipe Lin-S_Morena2 | 1 | 762 | 217,62 | 0,48 | 0,6 | Open |
| Pipe Lin-S_Morena3 | 1 | 508 | 75,16 | 0,37 | 0,6 | Open |
| Pipe Lin-SALIDAQUI | 5 | 406,4 | 52,21 | 0,4 | 0,42 | Open |
| Pipe Lin-San_Vicen | 1 | 762 | 340,31 | 0,75 | 0,6 | Open |
| Pipe LinSANTAFE | 1 | 1066,8 | 414,12 | 0,46 | 0,3 | Open |
| Pipe Lin-SM2 | 10 | 508 | 75,16 | 0,37 | 0,42 | Open |
| Pipe Lin-SubaAlto | 10 | 304,8 | 55,8 | 0,76 | 2,74 | Open |
| Pipe Lin-SubaMedio | 10 | 304,8 | 86,82 | 1,19 | 6,25 | Open |
| Pipe Lin-Succion_s | 1 | 609,6 | 142,62 | 0,49 | 0,6 | Open |
| Pipe Lin-Uval | 5 | 508 | 278 | 1,37 | 4,46 | Open |
| Pipe Lin-ZBN | 2 | 1524 | 0 | 0 | 0 | Open |
| Pipe Lin-ZBS | 1 | 1524 | 2412,62 | 1,32 | 0,89 | Open |
| Pipe Lin-ZInt | 1 | 1066,8 | 361,73 | 0,4 | 0 | Open |
| Pipe STA-SAUQ1 | 1 | 1524 | 2774,35 | 1,52 | 1,19 | Open |
| Pipe STA-SAUQ2 | 1300 | 1524 | 2774,35 | 1,52 | 1,1 | Open |
| Pipe STA-SAUQ3 | 25 | 1524 | 2774,35 | 1,52 | 1,11 | Open |
| Pipe STA-SAUQ4 | 30 | 1524 | 2412,62 | 1,32 | 0,85 | Open |
| Pipe STA-SAUQ5 | 15 | 1066,8 | 361,73 | 0,4 | 0,14 | Open |
| Pipe V-2 | 30 | 1524 | 0 | 0 | 0 | Closed |
| Pipe V-3 | 50 | 1524 | 3632,77 | 1,99 | 2,95 | Open |
| Pipe V-4 | 150 | 1524 | 0 | 0 | 0 | Closed |
| Pipe V-46 | 25 | 1524 | 0 | 0 | 0 | Closed |
| Pipe V-5 | 140 | 1981,2 | 0 | 0 | 0 | Closed |
| Pipe VIT-COL | 50 | 762 | 0 | 0 | 0 | Closed |
| Pipe VIT-DTBY0 | 2300 | 609,6 | 291,07 | 1 | 2 | Open |
| Pipe VIT-DTBY1 | 5 | 508 | 257,06 | 1,27 | 3,87 | Open |
| Pipe VIT-DTBY2 | 2850 | 508 | 257,06 | 1,27 | 3,87 | Open |
| Pipe VIT-DTBY3 | 600 | 558,8 | 257,06 | 1,05 | 2,43 | Open |
| Pipe VIT-IALQ1 | 1 | 609,6 | 256,49 | 0,88 | 1,49 | Open |
| Pipe VIT-IALQ2 | 3 | 406,4 | 127,18 | 0,98 | 2,28 | Open |
| Pipe VIT-IALQ3 | 1640 | 609,6 | 127,18 | 0,44 | 0,44 | Open |
| Pipe VIT-IALQ4 | 1 | 609,6 | 127,18 | 0,44 | 0,3 | Open |
| Pipe VIT-ICSV1 | 735 | 762 | 340,31 | 0,75 | 0,66 | Open |
| Pipe VIT-ICSV2 | 1 | 762 | 340,31 | 0,75 | 0,6 | Open |
| Pipe VIT-ICVL1 | 1 | 406,4 | 197,32 | 1,52 | 5,06 | Open |
| Pipe VIT-ICVL2 | 5 | 406,4 | 112,29 | 0,87 | 1,85 | Open |
| Pipe VIT-ICVL3 | 1350 | 406,4 | 112,29 | 0,87 | 1,82 | Open |
| Pipe VIT-ICVL4 | 1 | 406,4 | 0 | 0 | 0 | Closed |
| Pipe VIT-IJCT1 | 1 | 609,6 | 318,29 | 1,09 | 1,79 | Open |
| Pipe VIT-IJCT2 | 5 | 609,6 | 170,93 | 0,59 | 0,54 | Open |
| Pipe VIT-IJCT3 | 1150 | 609,6 | 170,93 | 0,59 | 0,55 | Open |

OPERACIÓN NORMAL DEMANDA MAXIMA

Network Table - Links at 10:00 Hrs

| Link ID | Length m | Diameter mm | Flow LPS | Velocity m/s | Unit Headloss m/km | Status |
|----------------|-------------|----------------|-------------|-----------------|-----------------------|--------|
| Pipe VIT-IJCT4 | 1 | 609,6 | 170,93 | 0,59 | 0,6 | Open |
| Pipe VIT-IQJR1 | 10 | 406,4 | 184,32 | 1,42 | 4,55 | Open |
| Pipe VIT-IQJR2 | 5 | 406,4 | 52,21 | 0,4 | 0,42 | Open |
| Pipe VIT-IQJR3 | 780 | 609,6 | 52,21 | 0,18 | 0,08 | Open |
| Pipe VIT-IQJR4 | 880 | 609,6 | 43,02 | 0,15 | 0,06 | Open |
| Pipe VIT-IQJR5 | 680 | 609,6 | 31,62 | 0,11 | 0,03 | Open |
| Pipe VIT-IQJR6 | 520 | 609,6 | 28,87 | 0,1 | 0,03 | Open |
| Pipe VIT-IQJR7 | 360 | 609,6 | 28,67 | 0,1 | 0,03 | Open |
| Pipe VIT-IQJR8 | 5 | 609,6 | 0 | 0 | 0 | Closed |
| Pipe VIT-ISVA1 | 5 | 609,6 | 396,09 | 1,36 | 3,63 | Open |
| Pipe VIT-ISVA2 | 785 | 609,6 | 216,36 | 0,74 | 1,18 | Open |
| Pipe VIT-ISVA3 | 200 | 609,6 | 216,36 | 0,74 | 0,85 | Open |
| Pipe VIT-ISVA4 | 1 | 609,6 | 216,36 | 0,74 | 0,89 | Open |
| Pipe VIT-IVCS1 | 500 | 304,8 | 25,49 | 0,35 | 0,64 | Open |
| Pipe VIT-IVCS2 | 1 | 304,8 | 0 | 0 | 0 | Closed |
| Pipe VIT-IVSD1 | 1100 | 304,8 | 9,66 | 0,13 | 0,11 | Open |
| Pipe VIT-IVSD2 | 1 | 304,8 | 0 | 0 | 0 | Closed |
| Pipe VIT-QPIN1 | 1800 | 304,8 | 103,28 | 1,42 | 8,6 | Open |
| Pipe VIT-QPIN2 | 1200 | 304,8 | 5,15 | 0,07 | 0,03 | Open |
| Pipe VIT-QPIN3 | 5 | 304,8 | 0 | 0 | 0 | Closed |
| Pipe VIT-RFCL | 1560 | 1066,8 | 772,4 | 0,86 | 0,59 | Open |
| Pipe VIT-SAL | 5 | 1066,8 | 1626,37 | 1,82 | 2,32 | Open |
| Pipe VIT-SBCL1 | 910 | 1066,8 | 384,46 | 0,43 | 0,49 | Open |
| Pipe VIT-SBCL2 | 60 | 1066,8 | 1142,22 | 1,28 | 3,71 | Open |
| Pipe VIT-SBCL3 | 510 | 1066,8 | 381,32 | 0,43 | 0,22 | Open |
| Pipe VIT-SBCL4 | 950 | 1066,8 | 381,32 | 0,43 | 0,22 | Open |
| Pipe VIT-SCLVC | 30 | 609,6 | 340,31 | 1,17 | 1,96 | Open |
| Pipe VIT-SCON | 5 | 304,8 | 25,49 | 0,35 | 0,65 | Open |
| Pipe VIT-SDIO | 5 | 304,8 | 9,66 | 0,13 | 0,12 | Open |
| Pipe VIT-SSDC | 10 | 304,8 | 35,15 | 0,48 | 1,16 | Open |
| Pipe VIT-VSDG1 | 1200 | 609,6 | 87,64 | 0,3 | 0,18 | Open |
| Pipe VIT-VSDG2 | 700 | 609,6 | -71,92 | 0,25 | 0,13 | Open |
| Pipe VIT-VSDG3 | 500 | 609,6 | -61,94 | 0,21 | 0,1 | Open |
| Pipe VIT-VSDG4 | 2400 | 609,6 | -42,93 | 0,15 | 0,05 | Open |
| Pipe VIT-VSDG5 | 1 | 609,6 | 0 | 0 | 0 | Closed |
| Pipe VIT-VTFS1 | 1500 | 609,6 | 68,57 | 0,23 | 0,12 | Open |
| Pipe VIT-VTFS2 | 3500 | 609,6 | 68,57 | 0,23 | 0,12 | Open |
| Pipe VIT-VTFS3 | 770 | 609,6 | 68,57 | 0,23 | 0,12 | Open |
| Pipe VIT-VTJ11 | 1200 | 609,6 | 321,99 | 1,1 | 2,42 | Open |
| Pipe VIT-VTJ12 | 850 | 609,6 | 318,78 | 1,09 | 2,26 | Open |
| Pipe VIT-VTJ13 | 350 | 609,6 | 315,52 | 1,08 | 2,21 | Open |
| Pipe VIT-VTJ14 | 800 | 609,6 | 273,66 | 0,94 | 1,7 | Open |
| Pipe VIT-VTJ15 | 800 | 609,6 | 157,77 | 0,54 | 0,61 | Open |
| Pipe VIT-VTJ16 | 1000 | 609,6 | 89,22 | 0,31 | 0,21 | Open |
| Pipe VIT-VTJ17 | 1700 | 609,6 | 62,13 | 0,21 | 0,11 | Open |
| Pipe VIT-VTJ18 | 2200 | 609,6 | 0 | 0 | 0 | Closed |
| Pipe VIT-VTJ19 | 1 | 609,6 | 272,56 | 0,93 | 1,79 | Open |
| Pipe VIT-VTJ21 | 5600 | 762 | 272,56 | 0,6 | 0,51 | Open |
| Pipe VIT-VTJ22 | 458 | 609,6 | 272,56 | 0,93 | 1,51 | Open |
| Pipe VIT-VTJ23 | 2540 | 609,6 | 272,56 | 0,93 | 1,51 | Open |

OPERACIÓN NORMAL DEMANDA MAXIMA

Network Table - Links at 10:00 Hrs

| Link ID | Length m | Diameter mm | Flow LPS | Velocity m/s | Unit Headloss m/km | Status |
|----------------|-------------|----------------|-------------|-----------------|-----------------------|--------|
| Pipe VIT-VTSB1 | 1 | 1066,8 | 1503,58 | 1,68 | 6,25 | Open |
| Pipe VIT-VTSB2 | 235 | 1066,8 | 1479,3 | 1,66 | 5,99 | Open |
| Pipe VIT-VTSB3 | 860 | 1066,8 | 403,97 | 0,45 | 0,54 | Open |
| Pipe ZBN-1001 | 670 | 304,8 | 52,22 | 0,72 | 2,43 | Open |
| Pipe ZBN-1002 | 1200 | 304,8 | -121,81 | 1,67 | 11,68 | Open |
| Pipe ZBN-1003 | 900 | 304,8 | 0 | 0 | 0 | Closed |
| Pipe ZBN-1701 | 1200 | 406,4 | 0 | 0 | 0 | Closed |
| Pipe ZBN-1702 | 1500 | 406,4 | 0 | 0 | 0 | Open |
| Pipe ZBN-66A11 | 5 | 609,6 | 629,26 | 2,16 | 8,39 | Open |
| Pipe ZBN-66A12 | 900 | 762 | 560,02 | 1,23 | 1,67 | Open |
| Pipe ZBN-66A2 | 1950 | 609,6 | 422,5 | 1,45 | 2,93 | Open |
| Pipe ZBN-A1MY1 | 1870 | 609,6 | 351,94 | 1,21 | 2,85 | Open |
| Pipe ZBN-A1MY2 | 700 | 609,6 | 673,48 | 2,31 | 9,47 | Open |
| Pipe ZBN-AAS4 | 2200 | 914,4 | 880,01 | 1,34 | 1,84 | Open |
| Pipe ZBN-AAS5 | 1150 | 609,6 | 274,69 | 0,94 | 1,53 | Open |
| Pipe ZBN-ACCL1 | 800 | 304,8 | -42 | 0,58 | 1,38 | Open |
| Pipe ZBN-ACCL2 | 1600 | 304,8 | -14,2 | 0,19 | 0,19 | Open |
| Pipe ZBN-ACVL1 | 1300 | 609,6 | 325,32 | 1,11 | 2,1 | Open |
| Pipe ZBN-ACVL2 | 1400 | 609,6 | 174,64 | 0,6 | 0,66 | Open |
| Pipe ZBN-AESP | 1600 | 304,8 | -56,13 | 0,77 | 2,37 | Open |
| Pipe ZBN-AGM11 | 1500 | 609,6 | -398,01 | 1,36 | 3,04 | Open |
| Pipe ZBN-AGM12 | 900 | 609,6 | 111,23 | 0,38 | 0,29 | Open |
| Pipe ZBN-AGM13 | 500 | 609,6 | 269,91 | 0,92 | 1,48 | Open |
| Pipe ZBN-AGM2 | 2000 | 406,4 | -56,09 | 0,43 | 0,58 | Open |
| Pipe ZBN-ALSA1 | 1520 | 609,6 | 350,64 | 1,2 | 2,41 | Open |
| Pipe ZBN-AME1 | 780 | 609,6 | -335,41 | 1,15 | 3,11 | Open |
| Pipe ZBN-AME2 | 1100 | 609,6 | 333,45 | 1,14 | 1,89 | Open |
| Pipe ZBN-AME31 | 1500 | 406,4 | 262,97 | 2,03 | 10,18 | Open |
| Pipe ZBN-AME32 | 600 | 406,4 | 196,77 | 1,52 | 5,95 | Open |
| Pipe ZBN-AME33 | 750 | 406,4 | 108,38 | 0,84 | 1,97 | Open |
| Pipe ZBN-ASJS1 | 700 | 304,8 | -5,09 | 0,07 | 0,03 | Open |
| Pipe ZBN-ASJS2 | 600 | 304,8 | 31,77 | 0,44 | 0,83 | Open |
| Pipe ZBN-ASJS3 | 1300 | 406,4 | 20,98 | 0,16 | 0,09 | Open |
| Pipe ZBN-ASUB1 | 700 | 304,8 | -10,08 | 0,14 | 0,12 | Open |
| Pipe ZBN-ASUB2 | 850 | 304,8 | 48,52 | 0,66 | 2,12 | Open |
| Pipe ZBN-ASUB3 | 920 | 304,8 | 93,12 | 1,28 | 6,05 | Open |
| Pipe ZBN-AUN1 | 1400 | 609,6 | 0 | 0 | 0 | Closed |
| Pipe ZBN-AUN2 | 800 | 609,6 | 0 | 0 | 0 | Closed |
| Pipe ZBN-AUN3 | 2000 | 609,6 | 0 | 0 | 0 | Closed |
| Pipe ZBN-AUN4 | 2100 | 609,6 | 202,51 | 0,69 | 0,87 | Open |
| Pipe ZBN-AUTS1 | 850 | 609,6 | 94,57 | 0,32 | 0,25 | Open |
| Pipe ZBN-AUTS2 | 730 | 609,6 | 53,95 | 0,18 | 0,09 | Open |
| Pipe ZBN-AUTS3 | 670 | 609,6 | 29,35 | 0,1 | 0,03 | Open |
| Pipe ZBN-AUTS4 | 500 | 609,6 | 8,19 | 0,03 | 0 | Open |
| Pipe ZBN-AUTS5 | 500 | 609,6 | 0 | 0 | 0 | Closed |
| Pipe ZBN-AVC3 | 700 | 609,6 | 559,68 | 1,92 | 5,72 | Open |
| Pipe ZBN-AVSB1 | 1700 | 406,4 | 159,15 | 1,23 | 5,63 | Open |
| Pipe ZBN-AVSB2 | 1850 | 406,4 | -123,27 | 0,95 | 3,51 | Open |
| Pipe ZBN-BERL | 1500 | 406,4 | 94,8 | 0,73 | 1,54 | Open |
| Pipe ZBN-BILB | 1754 | 304,8 | 39,12 | 0,54 | 1,05 | Open |

OPERACIÓN NORMAL DEMANDA MAXIMA

Network Table - Links at 10:00 Hrs

| Link ID | Length m | Diameter mm | Flow LPS | Velocity m/s | Unit Headloss m/km | Status |
|-----------------|-------------|----------------|-------------|-----------------|-----------------------|--------|
| Pipe ZBN-BRBB | 612 | 304,8 | -10,4 | 0,14 | 0,09 | Open |
| Pipe ZBN-BRI1 | 2680 | 609,6 | 325,62 | 1,12 | 2,1 | Open |
| Pipe ZBN-BRI2 | 1130 | 609,6 | 54,68 | 0,19 | 0,08 | Open |
| Pipe ZBN-BSBR1 | 1900 | 304,8 | 64,48 | 0,88 | 3,6 | Open |
| Pipe ZBN-BSBR2 | 960 | 304,8 | 29,88 | 0,41 | 0,74 | Open |
| Pipe ZBN-BSLL1 | 1200 | 609,6 | 519,98 | 1,78 | 4,99 | Open |
| Pipe ZBN-BSLL2 | 500 | 304,8 | 100,17 | 1,37 | 8,13 | Open |
| Pipe ZBN-BSLL3 | 1400 | 304,8 | -46,14 | 0,63 | 1,93 | Open |
| Pipe ZBN-BSLL4 | 900 | 304,8 | -44,77 | 0,61 | 1,56 | Open |
| Pipe ZBN-BSST | 800 | 914,4 | 464,06 | 0,71 | 0,66 | Open |
| Pipe ZBN-C125 | 900 | 609,6 | -294,36 | 1,01 | 2,44 | Open |
| Pipe ZBN-C1311 | 700 | 304,8 | 21,65 | 0,3 | 0,48 | Open |
| Pipe ZBN-C1312 | 850 | 304,8 | 55,2 | 0,76 | 2,7 | Open |
| Pipe ZBN-C132 | 1900 | 406,4 | -143,2 | 1,1 | 4,63 | Open |
| Pipe ZBN-C1341 | 600 | 304,8 | -189,66 | 2,6 | 26,52 | Open |
| Pipe ZBN-C1342 | 1000 | 304,8 | -65,22 | 0,89 | 3,67 | Open |
| Pipe ZBN-C1343 | 1100 | 304,8 | 35,06 | 0,48 | 1,16 | Open |
| Pipe ZBN-C1451 | 400 | 304,8 | -9,03 | 0,12 | 0,09 | Open |
| Pipe ZBN-C151 | 910 | 609,6 | 103,93 | 0,36 | 0,25 | Open |
| Pipe ZBN-C1701 | 1300 | 304,8 | 57,49 | 0,79 | 2,91 | Open |
| Pipe ZBN-C1702 | 1080 | 304,8 | 43,75 | 0,6 | 1,75 | Open |
| Pipe ZBN-C1831 | 1700 | 304,8 | 0 | 0 | 0 | Closed |
| Pipe ZBN-C1832 | 575 | 304,8 | 11,59 | 0,16 | 0,15 | Open |
| Pipe ZBN-C1932 | 1 | 406,4 | 0 | 0 | 0 | Open |
| Pipe ZBN-C49S | 1500 | 406,4 | 100,87 | 0,78 | 1,73 | Open |
| Pipe ZBN-CCL1 | 990 | 304,8 | -31,51 | 0,43 | 0,95 | Open |
| Pipe ZBN-CL22 | 1300 | 406,4 | -16,2 | 0,12 | 0,05 | Open |
| Pipe ZBN-CL671 | 420 | 609,6 | 0 | 0 | 0 | Closed |
| Pipe ZBN-CL672 | 1100 | 609,6 | -151,83 | 0,52 | 0,47 | Open |
| Pipe ZBN-CL681 | 800 | 406,4 | 0 | 0 | 0 | Closed |
| Pipe ZBN-CL682 | 680 | 406,4 | -64,8 | 0,5 | 1,07 | Open |
| Pipe ZBN-CL683 | 550 | 406,4 | -210,71 | 1,62 | 7,94 | Open |
| Pipe ZBN-CL684 | 5 | 406,4 | 132,45 | 1,02 | 3,39 | Open |
| Pipe ZBN-CL685 | 1600 | 406,4 | 82,91 | 0,64 | 1,41 | Open |
| Pipe ZBN-CL801 | 5 | 609,6 | 415,15 | 1,42 | 3,87 | Open |
| Pipe ZBN-CL802 | 650 | 609,6 | 387,23 | 1,33 | 3,4 | Open |
| Pipe ZBN-CL803 | 950 | 609,6 | 356,31 | 1,22 | 2,91 | Open |
| Pipe ZBN-CL804 | 1100 | 609,6 | 322,34 | 1,1 | 2,42 | Open |
| Pipe ZBN-CL805 | 1500 | 609,6 | 137,97 | 0,47 | 0,5 | Open |
| Pipe ZBN-CL806 | 600 | 609,6 | 40,62 | 0,14 | 0,05 | Open |
| Pipe ZBN-COLS1 | 680 | 406,4 | 35,87 | 0,28 | 0,3 | Open |
| Pipe ZBN-COLS2 | 580 | 406,4 | 81,31 | 0,63 | 1,36 | Open |
| Pipe ZBN-CR1041 | 500 | 304,8 | 96,23 | 1,32 | 7,55 | Open |
| Pipe ZBN-CR1042 | 1100 | 304,8 | 15,05 | 0,21 | 0,24 | Open |
| Pipe ZBN-CR521 | 1850 | 304,8 | 114,82 | 1,57 | 10,47 | Open |
| Pipe ZBN-CR522 | 1300 | 406,4 | -67,28 | 0,52 | 0,82 | Open |
| Pipe ZBN-CR80 | 2300 | 304,8 | 40,36 | 0,55 | 1,51 | Open |
| Pipe ZBN-CR921 | 2800 | 304,8 | 31,84 | 0,44 | 0,97 | Open |
| Pipe ZBN-CR922 | 680 | 304,8 | -4,13 | 0,06 | 0,02 | Open |
| Pipe ZBN-CR961 | 1400 | 304,8 | -44,44 | 0,61 | 1,81 | Open |

OPERACIÓN NORMAL DEMANDA MAXIMA

Network Table - Links at 10:00 Hrs

| Link ID | Length m | Diameter mm | Flow LPS | Velocity m/s | Unit Headloss m/km | Status |
|----------------|-------------|----------------|-------------|-----------------|-----------------------|--------|
| Pipe ZBN-CR962 | 450 | 304,8 | 50,81 | 0,7 | 2,31 | Open |
| Pipe ZBN-CR963 | 870 | 304,8 | -11,84 | 0,16 | 0,16 | Open |
| Pipe ZBN-CR964 | 800 | 304,8 | 62,35 | 0,85 | 3,38 | Open |
| Pipe ZBN-CR965 | 1500 | 304,8 | 30,86 | 0,42 | 0,92 | Open |
| Pipe ZBN-CR981 | 500 | 304,8 | 73,33 | 1 | 4,56 | Open |
| Pipe ZBN-CR991 | 1000 | 406,4 | 46,24 | 0,36 | 0,41 | Open |
| Pipe ZBN-CR992 | 700 | 406,4 | 31,08 | 0,24 | 0,19 | Open |
| Pipe ZBN-D43S1 | 1350 | 406,4 | 142,82 | 1,1 | 3,29 | Open |
| Pipe ZBN-D43S2 | 900 | 406,4 | 121,33 | 0,94 | 2,43 | Open |
| Pipe ZBN-DOR11 | 1650 | 609,6 | 190,97 | 0,65 | 0,92 | Open |
| Pipe ZBN-DOR12 | 900 | 609,6 | 283,43 | 0,97 | 1,91 | Open |
| Pipe ZBN-DOR13 | 5 | 609,6 | 335,89 | 1,15 | 2,62 | Open |
| Pipe ZBN-DOR14 | 500 | 609,6 | -65,57 | 0,22 | 0,13 | Open |
| Pipe ZBN-DOR2 | 670 | 406,4 | -15,18 | 0,12 | 0,07 | Open |
| Pipe ZBN-DORC | 700 | 304,8 | 51,68 | 0,71 | 2,39 | Open |
| Pipe ZBN-ENG21 | 1800 | 304,8 | 56,49 | 0,77 | 2,81 | Open |
| Pipe ZBN-ENG22 | 550 | 304,8 | 99,19 | 1,36 | 6,8 | Open |
| Pipe ZBN-ENG23 | 2900 | 406,4 | 52,3 | 0,4 | 0,6 | Open |
| Pipe ZBN-ENGC | 1450 | 304,8 | 40,47 | 0,55 | 1,29 | Open |
| Pipe ZBN-ENGT | 1800 | 609,6 | 253,14 | 0,87 | 1,32 | Open |
| Pipe ZBN-ESGS1 | 1000 | 609,6 | -177,85 | 0,61 | 0,93 | Open |
| Pipe ZBN-ESGS2 | 530 | 609,6 | -38,09 | 0,13 | 0,05 | Open |
| Pipe ZBN-ESGS3 | 1130 | 609,6 | 0 | 0 | 0 | Closed |
| Pipe ZBN-FFW11 | 1000 | 1066,8 | -208,13 | 0,23 | 0,07 | Open |
| Pipe ZBN-FFW12 | 5 | 1066,8 | 852,2 | 0,95 | 0,95 | Open |
| Pipe ZBN-FFW13 | 1030 | 1066,8 | 818,75 | 0,92 | 0,89 | Open |
| Pipe ZBN-FFW14 | 1360 | 1066,8 | 726,84 | 0,81 | 0,71 | Open |
| Pipe ZBN-FFW15 | 540 | 1066,8 | 682,59 | 0,76 | 0,64 | Open |
| Pipe ZBN-FFW21 | 400 | 762 | 663,44 | 1,45 | 2,64 | Open |
| Pipe ZBN-FFW22 | 1400 | 762 | 406,59 | 0,89 | 1,25 | Open |
| Pipe ZBN-FFW23 | 700 | 762 | 327,89 | 0,72 | 0,84 | Open |
| Pipe ZBN-FFW24 | 1000 | 762 | 250,82 | 0,55 | 0,51 | Open |
| Pipe ZBN-FOM1 | 1300 | 914,4 | 205,61 | 0,31 | 0,12 | Open |
| Pipe ZBN-FOZF1 | 1500 | 406,4 | 116,68 | 0,9 | 2,66 | Open |
| Pipe ZBN-FOZF2 | 700 | 406,4 | 63,2 | 0,49 | 0,63 | Open |
| Pipe ZBN-FOZF3 | 1150 | 406,4 | 55,93 | 0,43 | 0,58 | Open |
| Pipe ZBN-FOZF4 | 1850 | 406,4 | -5,63 | 0,04 | 0,01 | Open |
| Pipe ZBN-ISBA1 | 200 | 304,8 | 55,8 | 0,76 | 2,34 | Open |
| Pipe ZBN-ISBA2 | 570 | 304,8 | 55,8 | 0,76 | 2,75 | Open |
| Pipe ZBN-ISBA3 | 1 | 304,8 | 0 | 0 | 0 | Closed |
| Pipe ZBN-ISBM1 | 400 | 406,4 | 86,82 | 0,67 | 1,31 | Open |
| Pipe ZBN-ISBM2 | 1 | 304,8 | 0 | 0 | 0 | Closed |
| Pipe ZBN-ISM11 | 950 | 762 | 217,62 | 0,48 | 0,39 | Open |
| Pipe ZBN-ISM12 | 1 | 762 | 217,62 | 0,48 | 0,3 | Open |
| Pipe ZBN-ISM21 | 1 | 508 | 281,73 | 1,39 | 4,46 | Open |
| Pipe ZBN-ISM22 | 700 | 508 | 75,16 | 0,37 | 0,4 | Open |
| Pipe ZBN-ISM23 | 1 | 508 | 75,16 | 0,37 | 0,3 | Open |
| Pipe ZBNJ-AUN5 | 1 | 609,6 | 0 | 0 | 0 | Closed |
| Pipe ZBN-K7W11 | 4200 | 609,6 | -31,3 | 0,11 | 0,03 | Open |
| Pipe ZBN-K7W12 | 610 | 609,6 | 12,1 | 0,04 | 0,01 | Open |

OPERACIÓN NORMAL DEMANDA MAXIMA

Network Table - Links at 10:00 Hrs

| Link ID | Length m | Diameter mm | Flow LPS | Velocity m/s | Unit Headloss m/km | Status |
|-----------------|-------------|----------------|-------------|-----------------|-----------------------|--------|
| Pipe ZBN-K7W21 | 1270 | 609,6 | 73,02 | 0,25 | 0,15 | Open |
| Pipe ZBN-K7W22 | 1330 | 609,6 | 24,87 | 0,09 | 0,02 | Open |
| Pipe ZBN-KNBS2 | 1500 | 406,4 | 117,68 | 0,91 | 2,3 | Open |
| Pipe ZBN-LISB | 769 | 304,8 | 27,27 | 0,37 | 0,54 | Open |
| Pipe ZBN-MLTZ1 | 1600 | 406,4 | 129,96 | 1 | 3,24 | Open |
| Pipe ZBN-MLTZ2 | 720 | 304,8 | 8,95 | 0,12 | 0,09 | Open |
| Pipe ZBN-MORI1 | 5 | 609,6 | 407,51 | 1,4 | 3,69 | Open |
| Pipe ZBN-MORI2 | 1900 | 609,6 | 378,18 | 1,3 | 3,25 | Open |
| Pipe ZBN-MORI3 | 350 | 609,6 | 303,32 | 1,04 | 2,16 | Open |
| Pipe ZBN-MORI4 | 900 | 609,6 | 196,23 | 0,67 | 0,82 | Open |
| Pipe ZBN-MORI5 | 1300 | 609,6 | 120,32 | 0,41 | 0,33 | Open |
| Pipe ZBN-RA1MY | 1860 | 609,6 | -385,05 | 1,32 | 2,86 | Open |
| Pipe ZBN-RC170 | 1300 | 406,4 | 133,66 | 1,03 | 2,91 | Open |
| Pipe ZBN-RFAM1 | 300 | 609,6 | 200,63 | 0,69 | 1,01 | Open |
| Pipe ZBN-RFAM2 | 800 | 406,4 | 105,99 | 0,82 | 2,22 | Open |
| Pipe ZBN-RFAS | 2000 | 914,4 | 1082,14 | 1,65 | 3,16 | Open |
| Pipe ZBN-RFAS3 | 400 | 914,4 | 0 | 0 | 0 | Closed |
| Pipe ZBN-RFSB0 | 700 | 914,4 | 0 | 0 | 0 | Closed |
| Pipe ZBN-RFSB1 | 1000 | 914,4 | 603,08 | 0,92 | 1,07 | Open |
| Pipe ZBN-RFSB2 | 500 | 914,4 | -814,35 | 1,24 | 1,87 | Open |
| Pipe ZBN-RTBBY | 800 | 609,6 | 148,08 | 0,51 | 0,49 | Open |
| Pipe ZBN-SBCC1 | 700 | 508 | -227,86 | 1,12 | 2,63 | Open |
| Pipe ZBN-SBCC2 | 650 | 508 | -158,81 | 0,78 | 1,35 | Open |
| Pipe ZBN-SBCM1 | 562 | 406,4 | 215,23 | 1,66 | 6,06 | Open |
| Pipe ZBN-SBCM2 | 850 | 406,4 | 135,85 | 1,05 | 3 | Open |
| Pipe ZBN-SBCM3 | 650 | 406,4 | 67,2 | 0,52 | 0,81 | Open |
| Pipe ZBN-SBR1 | 1400 | 762 | 687,42 | 1,51 | 3,32 | Open |
| Pipe ZBN-SBR21 | 700 | 609,6 | 404,23 | 1,38 | 3,68 | Open |
| Pipe ZBN-SBR22 | 500 | 609,6 | 369,64 | 1,27 | 3,12 | Open |
| Pipe ZBN-SBSC1 | 2550 | 609,6 | 142,62 | 0,49 | 0,6 | Open |
| Pipe ZBN-SBSC2 | 1 | 609,6 | 142,62 | 0,49 | 0,6 | Open |
| Pipe ZBN-SCSM | 150 | 914,4 | 217,62 | 0,33 | 0,16 | Open |
| Pipe ZBN-SRA21 | 1 | 508 | 108,98 | 0,54 | 0,89 | Open |
| Pipe ZBN-SRA22 | 750 | 508 | 17,31 | 0,09 | 0,03 | Open |
| Pipe ZBN-SRA23 | 1100 | 762 | 45,46 | 0,1 | 0,02 | Open |
| Pipe ZBN-SRB11 | 220 | 762 | 206,57 | 0,45 | 0,36 | Open |
| Pipe ZBN-SRB12 | 2200 | 762 | 99,83 | 0,22 | 0,09 | Open |
| Pipe ZBN-SRB13 | 770 | 762 | 27,07 | 0,06 | 0,01 | Open |
| Pipe ZBN-STCL | 771 | 304,8 | 1,35 | 0,02 | 0 | Open |
| Pipe ZBN-STLL1 | 1200 | 609,6 | 421,59 | 1,44 | 3,39 | Open |
| Pipe ZBN-STLL2 | 1920 | 609,6 | 265,34 | 0,91 | 1,44 | Open |
| Pipe ZBN-SVAL | 5 | 1066,8 | 0 | 0 | 0 | Open |
| Pipe ZBN-TBBY | 800 | 304,8 | 21,93 | 0,3 | 0,49 | Open |
| Pipe ZBN-TBUQ1 | 450 | 1524 | 0 | 0 | 0 | Open |
| Pipe ZBN-TBUQ10 | 1300 | 1524 | -309,97 | 0,17 | 0,02 | Open |
| Pipe ZBN-TBUQ11 | 1200 | 1524 | 309,97 | 0,17 | 0,02 | Open |
| Pipe ZBN-TBUQ12 | 950 | 1524 | 464,7 | 0,25 | 0,05 | Open |
| Pipe ZBN-TBUQ13 | 650 | 1524 | -442,98 | 0,24 | 0,05 | Open |
| Pipe ZBN-TBUQ14 | 3150 | 1524 | -260,44 | 0,14 | 0,02 | Open |
| Pipe ZBN-TBUQ15 | 400 | 1524 | 36,06 | 0,02 | 0 | Open |

OPERACIÓN NORMAL DEMANDA MAXIMA

Network Table - Links at 10:00 Hrs

| Link ID | Length m | Diameter mm | Flow LPS | Velocity m/s | Unit Headloss m/km | Status |
|-----------------|-------------|----------------|-------------|-----------------|-----------------------|--------|
| Pipe ZBN-TBUQ16 | 1 | 1524 | 0 | 0 | 0 | Open |
| Pipe ZBN-TBUQ2 | 280 | 1524 | 0 | 0 | 0 | Open |
| Pipe ZBN-TBUQ3 | 4700 | 1524 | 0 | 0 | 0 | Open |
| Pipe ZBN-TBUQ4 | 1700 | 1524 | -85,26 | 0,05 | 0 | Open |
| Pipe ZBN-TBUQ5 | 7570 | 1524 | 196,26 | 0,11 | 0,01 | Open |
| Pipe ZBN-TBUQ6 | 6000 | 1524 | 196,26 | 0,11 | 0,01 | Open |
| Pipe ZBN-TBUQ7 | 531 | 1524 | -196,26 | 0,11 | 0,01 | Open |
| Pipe ZBN-TBUQ8 | 3469 | 1524 | -196,26 | 0,11 | 0,01 | Open |
| Pipe ZBN-TBUQ9 | 1100 | 1524 | -196,26 | 0,11 | 0,01 | Open |
| Pipe ZBN-TCS11 | 700 | 1981,2 | 3632,77 | 1,18 | 0,79 | Open |
| Pipe ZBN-TCS12 | 4680 | 1981,2 | 3632,77 | 1,18 | 0,79 | Open |
| Pipe ZBN-TCS21 | 9270 | 1828,8 | 3632,77 | 1,38 | 0,87 | Open |
| Pipe ZBN-TCS210 | 1200 | 1828,8 | 1355,3 | 0,52 | 0,14 | Open |
| Pipe ZBN-TCS211 | 850 | 1828,8 | 1165,64 | 0,44 | 0,11 | Open |
| Pipe ZBN-TCS212 | 2550 | 1828,8 | 776,82 | 0,3 | 0,05 | Open |
| Pipe ZBN-TCS213 | 1000 | 1828,8 | 586,8 | 0,22 | 0,03 | Open |
| Pipe ZBN-TCS214 | 300 | 1828,8 | 6723,95 | 2,56 | 2,71 | Open |
| Pipe ZBN-TCS215 | 1770 | 1828,8 | 5549,58 | 2,11 | 1,9 | Open |
| Pipe ZBN-TCS216 | 410 | 1828,8 | 5142,07 | 1,96 | 1,65 | Open |
| Pipe ZBN-TCS22 | 5920 | 1828,8 | -3429,71 | 1,31 | 0,78 | Open |
| Pipe ZBN-TCS23 | 2100 | 1828,8 | 3429,71 | 1,31 | 0,78 | Open |
| Pipe ZBN-TCS24 | 810 | 1828,8 | -3429,71 | 1,31 | 0,78 | Open |
| Pipe ZBN-TCS25 | 400 | 1828,8 | 3429,71 | 1,31 | 0,78 | Open |
| Pipe ZBN-TCS26 | 600 | 1828,8 | 3429,71 | 1,31 | 0,78 | Open |
| Pipe ZBN-TCS27 | 1200 | 1828,8 | -3365,39 | 1,28 | 0,75 | Open |
| Pipe ZBN-TCS28 | 1630 | 1828,8 | -3089,87 | 1,18 | 0,64 | Open |
| Pipe ZBN-TCS29 | 430 | 1828,8 | 2891,76 | 1,1 | 0,57 | Open |
| Pipe ZBN-TCS31 | 1115 | 1981,2 | 5606,93 | 1,82 | 1,59 | Open |
| Pipe ZBN-TCS310 | 520 | 1981,2 | 803,88 | 0,26 | 0,05 | Open |
| Pipe ZBN-TCS311 | 880 | 1981,2 | 803,88 | 0,26 | 0,05 | Open |
| Pipe ZBN-TCS312 | 280 | 1981,2 | 537,23 | 0,17 | 0,02 | Open |
| Pipe ZBN-TCS313 | 1520 | 1981,2 | 57,1 | 0,02 | 0 | Open |
| Pipe ZBN-TCS314 | 750 | 1981,2 | 0,67 | 0 | 0 | Open |
| Pipe ZBN-TCS315 | 1400 | 1981,2 | -1319,57 | 0,43 | 0,11 | Open |
| Pipe ZBN-TCS316 | 430 | 1981,2 | -1949,3 | 0,63 | 0,22 | Open |
| Pipe ZBN-TCS317 | 1 | 1981,2 | 1949,3 | 0,63 | 0,3 | Open |
| Pipe ZBN-TCS32 | 840 | 1981,2 | 5263,77 | 1,71 | 1,42 | Open |
| Pipe ZBN-TCS33 | 950 | 1981,2 | 4482,68 | 1,45 | 1,19 | Open |
| Pipe ZBN-TCS34 | 1170 | 1981,2 | 4482,68 | 1,45 | 1,19 | Open |
| Pipe ZBN-TCS35 | 1550 | 1981,2 | 4081,21 | 1,32 | 0,97 | Open |
| Pipe ZBN-TCS36 | 990 | 1981,2 | 3020,88 | 0,98 | 0,57 | Open |
| Pipe ZBN-TCS37 | 750 | 1981,2 | 2761 | 0,9 | 0,47 | Open |
| Pipe ZBN-TCS38 | 1750 | 1981,2 | 2410,36 | 0,78 | 0,36 | Open |
| Pipe ZBN-TCS39 | 1380 | 1981,2 | 1540,87 | 0,5 | 0,17 | Open |
| Pipe ZBN-TIBA | 1 | 1981,2 | 0 | 0 | 0 | Open |
| Pipe ZBN-TIBB | 1 | 1524 | 3632,77 | 1,99 | 2,98 | Open |
| Pipe ZBN-TINT | 1500 | 304,8 | 16,06 | 0,22 | 0,27 | Open |
| Pipe ZBN-TR581 | 1600 | 406,4 | 136,69 | 1,05 | 4,25 | Open |
| Pipe ZBN-TR582 | 750 | 304,8 | 0 | 0 | 0 | Closed |
| Pipe ZBN-TR911 | 1120 | 304,8 | 81,08 | 1,11 | 5,5 | Open |

OPERACIÓN NORMAL DEMANDA MAXIMA

Network Table - Links at 10:00 Hrs

| Link ID | Length m | Diameter mm | Flow LPS | Velocity m/s | Unit Headloss m/km | Status |
|----------------|-------------|----------------|-------------|-----------------|-----------------------|--------|
| Pipe ZBN-TR912 | 930 | 304,8 | 38,58 | 0,53 | 1,39 | Open |
| Pipe ZBN-TRSB | 1050 | 304,8 | 54,03 | 0,74 | 2,21 | Open |
| Pipe ZBN-TUNA | 200 | 609,6 | 480,12 | 1,65 | 4,31 | Open |
| Pipe ZBN-TUNA0 | 870 | 609,6 | 234,11 | 0,8 | 1,14 | Open |
| Pipe ZBN-TUNA1 | 2350 | 609,6 | -178,83 | 0,61 | 0,69 | Open |
| Pipe ZBN-TUNA2 | 1080 | 609,6 | -74,7 | 0,26 | 0,14 | Open |
| Pipe ZBN-TUSF1 | 900 | 609,6 | -78,65 | 0,27 | 0,15 | Open |
| Pipe ZBN-TUSF2 | 1200 | 609,6 | -63,93 | 0,22 | 0,1 | Open |
| Pipe ZBN-TUVE1 | 1170 | 406,4 | -67,95 | 0,52 | 1,16 | Open |
| Pipe ZBN-TUVE2 | 790 | 406,4 | -34,49 | 0,27 | 0,33 | Open |
| Pipe ZBN-TUVEA | 700 | 304,8 | 0,6 | 0,01 | 0 | Open |
| Pipe ZBN-VEMD1 | 890 | 406,4 | -2,28 | 0,02 | 0 | Open |
| Pipe ZBN-VEMD2 | 1850 | 406,4 | 0 | 0 | 0 | Closed |
| Pipe ZBN-X1501 | 30 | 1524 | 942,07 | 0,52 | 0,19 | Open |
| Pipe ZBN-X1502 | 2000 | 1524 | 1141,51 | 0,63 | 0,27 | Open |
| Pipe ZBN-X1503 | 550 | 1524 | 1221,13 | 0,67 | 0,31 | Open |
| Pipe ZBN-X1504 | 1 | 1524 | -1536,46 | 0,84 | 0,3 | Open |
| Pipe ZBN-X170 | 1 | 406,4 | 0 | 0 | 0 | Closed |
| Pipe ZBN-X183 | 400 | 609,6 | 64,32 | 0,22 | 0,12 | Open |
| Pipe ZBN-X921 | 1100 | 1524 | 388,81 | 0,21 | 0,04 | Open |
| Pipe ZBN-X922 | 2200 | 1524 | -251,69 | 0,14 | 0,02 | Open |
| Pipe ZBN-X923 | 860 | 1524 | 0 | 0 | 0 | Closed |
| Pipe ZBN-XAUS1 | 5 | 609,6 | 0 | 0 | 0 | Closed |
| Pipe ZBN-XCAR | 40 | 1524 | 0 | 0 | 0 | Closed |
| Pipe ZBN-XESP | 90 | 1524 | 0 | 0 | 0 | Closed |
| Pipe ZBN-XPTE | 380 | 1524 | 0 | 0 | 0 | Closed |
| Pipe ZBN-XS13 | 40 | 406,4 | 99,9 | 0,77 | 1,7 | Open |
| Pipe ZBN-XS781 | 1 | 1524 | 7014,91 | 3,85 | 7,14 | Open |
| Pipe ZBN-XS782 | 300 | 1981,12 | 6740,22 | 2,19 | 1,84 | Open |
| Pipe ZBN-XS783 | 700 | 1981,12 | 6137,14 | 1,99 | 1,55 | Open |
| Pipe ZBN-XS784 | 150 | 914,4 | 603,08 | 0,92 | 0,91 | Open |
| Pipe ZBN-XTIB | 20 | 1524 | 0 | 0 | 0 | Closed |
| Pipe ZBS-A27S | 350 | 609,6 | 58,99 | 0,2 | 0,12 | Open |
| Pipe ZBS-ACOM | 1700 | 762 | -98,9 | 0,22 | 0,11 | Open |
| Pipe ZBS-AK68 | 1210 | 609,6 | 47,56 | 0,16 | 0,05 | Open |
| Pipe ZBS-AMER1 | 570 | 609,6 | 127,34 | 0,44 | 0,52 | Open |
| Pipe ZBS-AMER2 | 1200 | 609,6 | 0 | 0 | 0 | Closed |
| Pipe ZBS-AMER3 | 780 | 609,6 | -72,15 | 0,25 | 0,18 | Open |
| Pipe ZBS-AV391 | 10 | 1066,8 | 689,42 | 0,77 | 0,65 | Open |
| Pipe ZBS-AV392 | 1500 | 1066,8 | 689,42 | 0,77 | 0,5 | Open |
| Pipe ZBS-AV393 | 900 | 1066,8 | 608,83 | 0,68 | 0,4 | Open |
| Pipe ZBS-AVE61 | 830 | 406,4 | -56,73 | 0,44 | 0,7 | Open |
| Pipe ZBS-AVE62 | 670 | 406,4 | -45,45 | 0,35 | 0,46 | Open |
| Pipe ZBS-AVE63 | 450 | 406,4 | -35,85 | 0,28 | 0,3 | Open |
| Pipe ZBS-C8SU1 | 560 | 609,6 | -52,11 | 0,18 | 0,08 | Open |
| Pipe ZBS-C8SU2 | 380 | 609,6 | -79,12 | 0,27 | 0,18 | Open |
| Pipe ZBS-C8SU3 | 350 | 609,6 | -111,42 | 0,38 | 0,34 | Open |
| Pipe ZBS-C8SU4 | 1000 | 609,6 | 225,83 | 0,77 | 1,49 | Open |
| Pipe ZBS-C8SU5 | 700 | 609,6 | 87,64 | 0,3 | 0,26 | Open |
| Pipe ZBS-CL131 | 1900 | 406,4 | 0 | 0 | 0 | Closed |

OPERACIÓN NORMAL DEMANDA MAXIMA

Network Table - Links at 10:00 Hrs

| Link ID | Length m | Diameter mm | Flow LPS | Velocity m/s | Unit Headloss m/km | Status |
|-----------------|-------------|----------------|-------------|-----------------|-----------------------|--------|
| Pipe ZBS-CL22 | 450 | 914,4 | -12,14 | 0,02 | 0 | Open |
| Pipe ZBS-CL67 | 900 | 609,6 | 10,25 | 0,04 | 0 | Open |
| Pipe ZBS-CL68 | 500 | 304,8 | 63,55 | 0,87 | 4,18 | Open |
| Pipe ZBS-CL77 | 1000 | 609,6 | -272,04 | 0,93 | 1,77 | Open |
| Pipe ZBS-CMVJ1 | 1100 | 1066,8 | -79,05 | 0,09 | 0,01 | Open |
| Pipe ZBS-CMVJ2 | 600 | 1066,8 | -97,1 | 0,11 | 0,02 | Open |
| Pipe ZBS-CMVJ3 | 950 | 1066,8 | -604,72 | 0,68 | 0,55 | Open |
| Pipe ZBS-CR27 | 640 | 406,4 | -12,32 | 0,09 | 0,04 | Open |
| Pipe ZBS-CR50 | 330 | 762 | 397,82 | 0,87 | 1,44 | Open |
| Pipe ZBS-CR501 | 625 | 1066,8 | 497,63 | 0,56 | 0,39 | Open |
| Pipe ZBS-CR502 | 1100 | 914,4 | 556,57 | 0,85 | 1,01 | Open |
| Pipe ZBS-CR503 | 2600 | 304,8 | 34,09 | 0,47 | 0,94 | Open |
| Pipe ZBS-DORA1 | 930 | 406,4 | 54,01 | 0,42 | 0,76 | Open |
| Pipe ZBS-DORA2 | 630 | 406,4 | 0 | 0 | 0 | Closed |
| Pipe ZBS-EMPA1 | 900 | 1066,8 | 1025,15 | 1,15 | 1,47 | Open |
| Pipe ZBS-EMPA2 | 800 | 1066,8 | 958,33 | 1,07 | 1,3 | Open |
| Pipe ZBS-EMPA3 | 1000 | 1066,8 | 849,6 | 0,95 | 1,04 | Open |
| Pipe ZBS-EMPA41 | 2500 | 1066,8 | 784,68 | 0,88 | 0,9 | Open |
| Pipe ZBS-EMPA5 | 350 | 1066,8 | 662,56 | 0,74 | 0,66 | Open |
| Pipe ZBS-ESGS1 | 700 | 609,6 | 139,23 | 0,48 | 0,51 | Open |
| Pipe ZBS-ESGS2 | 300 | 609,6 | 118,32 | 0,41 | 0,38 | Open |
| Pipe ZBS-FFW1 | 1630 | 1066,8 | 172,29 | 0,19 | 0,05 | Open |
| Pipe ZBS-FFW2 | 800 | 1066,8 | 42,37 | 0,05 | 0 | Open |
| Pipe ZBS-FFW3 | 700 | 1066,8 | -18,66 | 0,02 | 0 | Open |
| Pipe ZBS-FFW4 | 700 | 1066,8 | 0 | 0 | 0 | Closed |
| Pipe ZBS-K2011 | 450 | 609,6 | 171,45 | 0,59 | 0,75 | Open |
| Pipe ZBS-K2012 | 1600 | 609,6 | 111,51 | 0,38 | 0,34 | Open |
| Pipe ZBS-K2013 | 550 | 609,6 | -50 | 0,17 | 0,08 | Open |
| Pipe ZBS-K2014 | 880 | 609,6 | 13,73 | 0,05 | 0,01 | Open |
| Pipe ZBS-K2015 | 950 | 609,6 | -21,72 | 0,07 | 0,02 | Open |
| Pipe ZBS-K202 | 600 | 406,4 | 35,77 | 0,28 | 0,3 | Open |
| Pipe ZBS-SLSC | 1200 | 406,4 | 0 | 0 | 0 | Closed |
| Pipe ZBS-SVAL | 5 | 1066,8 | 2412,62 | 2,7 | 4,82 | Open |
| Pipe ZBS-TUVE1 | 350 | 406,4 | 0 | 0 | 0 | Closed |
| Pipe ZBS-TUVE2 | 470 | 406,4 | 39,14 | 0,3 | 0,42 | Open |
| Pipe ZBS-USL11 | 1 | 1524 | 2412,62 | 1,32 | 0,89 | Open |
| Pipe ZBS-USL12 | 1300 | 1524 | -2323,29 | 1,27 | 1,08 | Open |
| Pipe ZBS-USL13 | 1400 | 1524 | 2030,81 | 1,11 | 0,84 | Open |
| Pipe ZBS-USL14 | 1150 | 1524 | 1946,06 | 1,07 | 0,78 | Open |
| Pipe ZBS-USL21 | 850 | 914,4 | 595,18 | 0,91 | 0,96 | Open |
| Pipe ZBS-USL210 | 850 | 914,4 | 565,39 | 0,86 | 0,88 | Open |
| Pipe ZBS-USL211 | 770 | 914,4 | 523,06 | 0,8 | 0,76 | Open |
| Pipe ZBS-USL212 | 730 | 914,4 | 472,79 | 0,72 | 0,63 | Open |
| Pipe ZBS-USL213 | 630 | 914,4 | 411,55 | 0,63 | 0,49 | Open |
| Pipe ZBS-USL214 | 660 | 914,4 | 34,63 | 0,05 | 0,01 | Open |
| Pipe ZBS-USL215 | 400 | 914,4 | -38,2 | 0,06 | 0,01 | Open |
| Pipe ZBS-USL22 | 500 | 914,4 | 546,04 | 0,83 | 0,82 | Open |
| Pipe ZBS-USL23 | 2770 | 914,4 | -458,78 | 0,7 | 0,59 | Open |
| Pipe ZBS-USL24 | 650 | 914,4 | -289,55 | 0,44 | 0,25 | Open |
| Pipe ZBS-USL25 | 1400 | 914,4 | 840,69 | 1,28 | 1,83 | Open |

OPERACIÓN NORMAL DEMANDA MAXIMA

Network Table - Links at 10:00 Hrs

| Link ID | Length m | Diameter mm | Flow LPS | Velocity m/s | Unit Headloss m/km | Status |
|------------------|-------------|----------------|-------------|-----------------|-----------------------|--------|
| Pipe ZBS-USL26 | 490 | 914,4 | 808,8 | 1,23 | 1,7 | Open |
| Pipe ZBS-USL27 | 150 | 1066,8 | 874,31 | 0,98 | 0,93 | Open |
| Pipe ZBS-USL28 | 270 | 914,4 | 668,11 | 1,02 | 1,19 | Open |
| Pipe ZBS-USL29 | 180 | 914,4 | 632,93 | 0,96 | 1,08 | Open |
| Pipe ZBS-USL31 | 700 | 762 | -50,02 | 0,11 | 0,03 | Open |
| Pipe ZBS-USL32 | 370 | 762 | -202,71 | 0,44 | 0,35 | Open |
| Pipe ZBS-USL33 | 820 | 762 | -280,45 | 0,61 | 0,63 | Open |
| Pipe ZBS-USL34 | 780 | 762 | -376,84 | 0,83 | 1,09 | Open |
| Pipe ZBS-USL35 | 5 | 762 | 494,72 | 1,08 | 1,79 | Open |
| Pipe ZBS-XPAR1 | 300 | 406,4 | 84,3 | 0,65 | 1,74 | Open |
| Pipe ZBS-XPAR2 | 300 | 609,6 | 79,49 | 0,27 | 0,15 | Open |
| Pipe ZINT-UCH11 | 3250 | 1066,8 | -322,1 | 0,36 | 0,13 | Open |
| Pipe ZINT-UCH12 | 1750 | 1066,8 | 207,39 | 0,23 | 0,06 | Open |
| Pipe ZINT-UCH21 | 1500 | 914,4 | 89,77 | 0,14 | 0,03 | Open |
| Pipe ZINT-UCH22 | 400 | 914,4 | 0 | 0 | 0 | Closed |
| Pipe ZINT-XC59 | 315 | 914,4 | 0 | 0 | 0 | Closed |
| Pump PMP-ALQN | | | 127,18 | 0 | -239,04 | Open |
| Pump PMP-CASSM2 | | | 217,62 | 0 | -397,53 | Open |
| Pump PMP-CLVC | | | 340,31 | 0 | -103,42 | Open |
| Pump PMP-CON | | | 25,49 | 0 | -72,04 | Open |
| Pump PMP-CSVL | | | 112,29 | 0 | -82,67 | Open |
| Pump PMP-DIO | | | 9,66 | 0 | -242,89 | Open |
| Pump PMP-DRPS | | | 15,68 | 0 | -104,1 | Open |
| Pump PMP-JLCS | | | 170,93 | 0 | -77,59 | Open |
| Pump PMP-PSCH | | | 15,1 | 0 | -135,12 | Open |
| Pump PMP-QNJR | | | 52,21 | 0 | -62,53 | Open |
| Pump PMP-SM2 | | | 75,16 | 0 | -441,13 | Open |
| Pump PMPSubAlt | | | 55,8 | 0 | -164,54 | Open |
| Pump PMPSubMed | | | 86,82 | 0 | -105,75 | Open |
| Pump PMP-VCAL | | | 216,36 | 0 | -195,68 | Open |
| Valve FCV-ALP | | 609,6 | 216,36 | 0,74 | 92,56 | Active |
| Valve FCV-CAS | | 609,6 | 170,93 | 0,59 | 6,95 | Active |
| Valve FCV-FSVT | | 609,6 | 68,57 | 0,23 | 29,76 | Active |
| Valve FCV-JAL | | 609,6 | 272,56 | 0,93 | 94,05 | Active |
| Valve FCV-MBFS | | 406,4 | 0 | 0 | 116 | Active |
| Valve FCV-MBLG | | 508 | 175,5 | 0,87 | 46,6 | Active |
| Valve FCV-PH | | 609,6 | 43,46 | 0,15 | 74,9 | Active |
| Valve FCV-PS | | 406,4 | 15,68 | 0,12 | 19 | Active |
| Valve FCV-QUIN | | 609,6 | 127,18 | 0,44 | 127,3 | Active |
| Valve FCV-SLC | | 609,6 | 121 | 0,41 | 13,39 | Active |
| Valve FCV-SM2 | | 762 | 217,62 | 0,48 | 290,85 | Active |
| Valve FCV-SM3 | | 508 | 75,16 | 0,37 | 341,84 | Active |
| Valve FCVSucsub | | 609,6 | 142,62 | 0,49 | 26,4 | Active |
| Valve FCV-UVAL | | 508 | 278 | 1,37 | 59,59 | Active |
| Valve FCV-VIC | | 762 | 340,31 | 0,75 | 46,98 | Active |
| Valve PRV-STFE-N | | 406,4 | 425,39 | 3,28 | 0 | Open |
| Valve PRV-STFE-S | | 406,4 | 414,11 | 3,19 | 59,21 | Active |
| Valve PRV-ZBN | | 1143 | 0 | 0 | 0 | Closed |
| Valve PRV-ZBS | | 1143 | 2412,62 | 2,35 | 75,51 | Active |
| Valve PRV-ZINT | | 990,6 | 361,73 | 0,47 | 65,54 | Active |