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| Estudiante | HECTOR FABER TAPIERO MORENO (htapiero) |
| Jugada No. | 4                                      |
| Participó  | Si                                     |

## COSTOS DE LA PLANEACIÓN AGREGADA

| Período    | Inventario | Costo MOD    | Costo Contratar/<br>Despedir | Costo Inventarios | Costo Subcontratar | Costo Período |
|------------|------------|--------------|------------------------------|-------------------|--------------------|---------------|
| Enero      | 11,422     | \$18,531,981 | \$4,500,000                  | \$34,266,000      | \$0                | \$57,297,981  |
| Febrero    | 29,137     | \$28,827,526 | \$1,500,000                  | \$87,411,000      | \$0                | \$117,738,526 |
| Marzo      | 49,479     | \$32,945,744 | \$600,000                    | \$148,437,000     | \$0                | \$181,982,744 |
| Abril      | 62,075     | \$20,591,090 | \$3,000,000                  | \$186,225,000     | \$0                | \$209,816,090 |
| Mayo       | 73,504     | \$18,531,981 | \$500,000                    | \$220,512,000     | \$0                | \$239,543,981 |
| Junio      | 87,497     | \$22,650,199 | \$600,000                    | \$262,491,000     | \$0                | \$285,741,199 |
| Julio      | 100,243    | \$20,591,090 | \$500,000                    | \$300,729,000     | \$0                | \$321,820,090 |
| Agosto     | 117,947    | \$28,827,526 | \$1,200,000                  | \$353,841,000     | \$0                | \$383,868,526 |
| Septiembre | 138,298    | \$32,945,744 | \$600,000                    | \$414,894,000     | \$0                | \$448,439,744 |
| Octubre    | 152,279    | \$22,650,199 | \$2,500,000                  | \$456,837,000     | \$0                | \$481,987,199 |
| Noviembre  | 162,357    | \$16,472,872 | \$1,500,000                  | \$487,071,000     | \$0                | \$505,043,872 |
| Diciembre  | 176,405    | \$22,650,199 | \$900,000                    | \$529,215,000     | \$0                | \$552,765,199 |

## RESULTADOS PLANEACIÓN AGREGADA

|                         |                 |
|-------------------------|-----------------|
| Costo Total             | \$3,786,045,151 |
| Costo Unitario Promedio | \$18,915        |



## MEDIDAS DE DESEMPEÑO

|                                     |        |
|-------------------------------------|--------|
| Tasa de utilización de la capacidad | 18.27% |
| Tasa de eficiencia de la capacidad  | 5.75%  |
| Colchón de capacidad                | 81.73% |

## COSTOS DEL PLAN DE REQUERIMIENTO DE MATERIALES (MRP)

| Período              | -5 | -4 | -3 | -2 | -1 | 0       | 1       | 2       | 3       | 4       | 5       | 6       |
|----------------------|----|----|----|----|----|---------|---------|---------|---------|---------|---------|---------|
| Costos del Insumo    | 0  | 0  | 0  | 0  | 0  | 4486710 | 3478170 | 5635325 | 5883150 | 3648415 | 2945885 | 4014765 |
| Costos de Inventario | 0  | 0  | 0  | 0  | 0  | 3654    | 22707   | 20097   | 30450   | 32973   | 22185   | 17400   |
| Costos Totales       | 0  | 0  | 0  | 0  | 0  | 4490364 | 3500877 | 5655422 | 5913600 | 3681388 | 2968070 | 4032165 |