

### 3. Analysis of Comfortable Carrying Capacity

As a result of the upgrading program, the CCC would increase from 9,910 to 13,700 skiers per day, which represents a total of 3,890 additional skiers, or an increase of 38 percent. Table IV-4 details PCSA's CCC after upgrading.

**Table IV-4  
COMFORTABLE CARRYING CAPACITY - UPGRADING**

Lift Name	Lift Type	Slope Length (ft.)	Vert. Rise (ft.)	Hourly Capacity (skiers/hr.)	Oper. Hours (hrs.)	Load Eff. (%)	Adjust. Hrly. Cap. (skiers/hr)	VTF/Hr (000)	Vertical Demand (ft./day)	CCC (skiers)
New Prospector	Det. Six	5,285	1,270	3,000	6.75	95	2,850	3,810	11,769	2,080
New Thaynes	Triple	2,773	880	1,800	6.50	95	1,710	1,584	16,706	590
New Pay Day	Det. Six	5,928	1,270	3,000	7.00	70	2,100	3,810	11,976	1,560
New First Time	Triple	1,919	270	1,200	7.00	90	1,080	324	3,588	570
King Con	Det. Quad	4,484	1,200	2,800	6.75	95	2,660	3,360	12,061	1,790
Jupiter	Double	3,360	1,025	1,200	6.00	95	1,140	1,230	20,271	350
Ski Team	Double	5,089	1,540	1,200	6.75	90	1,080	1,848	21,635	520
New Motherload	Det. Quad	5,262	1,255	2,200	6.50	95	2,090	2,761	16,476	1,030
Pioneer	Triple	4,191	1,000	1,800	6.50	90	1,620	1,800	13,045	810
Town	Triple	6,539	1,190	1,800	7.00	25	450	2,142	13,820	270
Eagle	Triple	3,490	1,135	1,200	7.00	50	600	1,362	18,789	250
G.S. Lift	Triple	1,563	270	600	6.50	0	-	162	-	-
New Chondola	8-Pass.	10,306	2,050	2,800	7.00	40	1,120	5,740	13,058	1,230
New Beginner	Baby Double	852	62	500	7.00	90	450	31	1,796	110
New Beginner	Baby Double	602	50	500	6.50	90	450	25	1,813	80
New Bonanza-I	Det. Quad	5,563	1,115	2,000	6.50	95	1,900	2,230	10,272	1,340
New Bonanza-II	Double	2,124	320	600	6.50	95	570	192	5,486	220
Pay Day Link	Double	1,604	120	1,200	6.50	95	1,140	144	0	-
McConkey's	Det. Quad	4,988	1,165	1,800	6.50	95	1,710	2,097	14,432	900
<b>Total:</b>		<b>75,922</b>		<b>31,200</b>			<b>24,720</b>	<b>34,652</b>		<b>13,700</b>

Source: PCSA Resort Management, Sno.engineering, Inc.

It is a common practice at ski areas, and one that has been generally accepted by the ski industry, to exceed the CCC on peak ski days by as much as 25 percent. Based upon historical skier-visit performance records, PCSA anticipates future peak skier days to reach 110 percent of the CCC. This policy is acceptable as long as it does not become common practice. It is not believed that the ski area can economically justify a concurrent increase in the size of the visitor service facilities to accommodate the higher skier capacity. It should be noted, however, that the parking/shuttle accommodations and water and sewer systems must be sized for the capacity of a peak ski day. PCSA's peak ski day capacity is estimated at 15,070 skiers.

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