

# ECONOMICS OF ELECTRIC GO KART OPERATION

## INDOOR YEAR ROUND OPERATION

PRICE PER CYCLE (RIDE)	\$6.50	\$7.50	\$8.50	\$8.00	\$9.00	\$9.00
Length of Cycle ( in minutes)	4	4	4	4.5	4	4.5
TOTAL CYCLE (ride + 0.5 minutes between rides)*	4.50	4.50	4.50	5.00	4.50	5.00
KARTS ON TRACK AT ONCE (double electric fleet)	10	10	10	10	10	10
REQUIRES DOUBLE PITTING FOR ELECTRIC KARTS (KARTS PER RACE X 2)=TOTAL FLEET PURCHASED						
CYCLES PER HOUR	13	13	13	12	13	12
HOURS PER DAY (OPEN 10 AM-10 PM)	12	12	12	12	12	12
POTENTIAL REVENUE DURING DAY	\$10,400.00	\$12,000.00	\$13,600.00	\$11,520.00	\$14,400.00	\$12,960.00

### PERCENTAGE USEAGE PER DAY (PRIME 7 MONTHS -3 WEEKEND DAYS)

Equals (potential daily revenue x percentage operation x 3days x 32 weeks)

Percent of Revenue total operating level	25%	\$249,600.00	\$288,000.00	\$326,400.00	\$276,480.00	\$345,600.00	\$311,040.00
	30%	\$299,520.00	\$345,600.00	\$391,680.00	\$331,776.00	\$414,720.00	\$373,248.00
	35%	\$349,440.00	\$403,200.00	\$456,960.00	\$387,072.00	\$483,840.00	\$435,456.00
Jan-Feb-Mar	40%	\$399,360.00	\$460,800.00	\$522,240.00	\$442,368.00	\$552,960.00	\$497,664.00
+ May-Jun-Jul-Aug	45%	\$449,280.00	\$518,400.00	\$587,520.00	\$497,664.00	\$622,080.00	\$559,872.00
7 months	50%	\$499,200.00	\$576,000.00	\$652,800.00	\$552,960.00	\$691,200.00	\$622,080.00
	55%	\$549,120.00	\$633,600.00	\$718,080.00	\$608,256.00	\$760,320.00	\$684,288.00
	60%	\$599,040.00	\$691,200.00	\$783,360.00	\$663,552.00	\$829,440.00	\$746,496.00
	65%	\$648,960.00	\$748,800.00	\$848,640.00	\$718,848.00	\$898,560.00	\$808,704.00

### PERCENTAGE USEAGE PER DAY (PRIME 7 MONTHS- 4 WEEK DAYS)

Equals (potential daily revenue x percentage operation x 4days x 32 weeks) x 0.35

Percent of Revenue total operating level	25%	\$116,480.00	\$134,400.00	\$152,320.00	\$129,024.00	\$161,280.00	\$145,152.00
	30%	\$139,776.00	\$161,280.00	\$182,784.00	\$154,828.80	\$193,536.00	\$174,182.40
	35%	\$163,072.00	\$188,160.00	\$213,248.00	\$180,633.60	\$225,792.00	\$203,212.80
Jan-Feb-Mar	40%	\$186,368.00	\$215,040.00	\$243,712.00	\$206,438.40	\$258,048.00	\$232,243.20
+ May-Jun-Jul-Aug	45%	\$209,664.00	\$241,920.00	\$274,176.00	\$232,243.20	\$290,304.00	\$261,273.60
7 months	50%	\$232,960.00	\$268,800.00	\$304,640.00	\$258,048.00	\$322,560.00	\$290,304.00
	55%	\$256,256.00	\$295,680.00	\$335,104.00	\$283,852.80	\$354,816.00	\$319,334.40
	60%	\$279,552.00	\$322,560.00	\$365,568.00	\$309,657.60	\$387,072.00	\$348,364.80
	65%	\$302,848.00	\$349,440.00	\$396,032.00	\$335,462.40	\$419,328.00	\$377,395.20

### PERCENTAGE USEAGE PER DAY (non-PRIME 5 MONTHS -3 WEEKEND DAYS)

Equals (potential daily revenue x percentage operation x 3days x 20 weeks) x 0.40

Percent of Revenue total operating level	25%	\$62,400.00	\$72,000.00	\$81,600.00	\$69,120.00	\$86,400.00	\$77,760.00
	30%	\$74,880.00	\$86,400.00	\$97,920.00	\$82,944.00	\$103,680.00	\$93,312.00
	35%	\$87,360.00	\$100,800.00	\$114,240.00	\$96,768.00	\$120,960.00	\$108,864.00
	40%	\$99,840.00	\$115,200.00	\$130,560.00	\$110,592.00	\$138,240.00	\$124,416.00
	45%	\$112,320.00	\$129,600.00	\$146,880.00	\$124,416.00	\$155,520.00	\$139,968.00
	50%	\$124,800.00	\$144,000.00	\$163,200.00	\$138,240.00	\$172,800.00	\$155,520.00
	55%	\$137,280.00	\$158,400.00	\$179,520.00	\$152,064.00	\$190,080.00	\$171,072.00
	60%	\$149,760.00	\$172,800.00	\$195,840.00	\$165,888.00	\$207,360.00	\$186,624.00
	65%	\$162,240.00	\$187,200.00	\$212,160.00	\$179,712.00	\$224,640.00	\$202,176.00

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# ECONOMICS OF ELECTRIC GO KART OPERATION

## INDOOR YEAR ROUND OPERATION (continued)

### PERCENTAGE USEAGE PER DAY (non-PRIME 5 MONTHS- 4 WEEK DAYS)

Equals (potential daily revenue x percentage operation x 4 days x 20 weeks x 0.20)

Percent of Revenue  
total operating level

25%	\$41,600.00	\$48,000.00	\$54,400.00	\$46,080.00	\$57,600.00	\$51,840.00
30%	\$49,920.00	\$57,600.00	\$65,280.00	\$55,296.00	\$69,120.00	\$62,208.00
35%	\$58,240.00	\$67,200.00	\$76,160.00	\$64,512.00	\$80,640.00	\$72,576.00
40%	\$66,560.00	\$76,800.00	\$87,040.00	\$73,728.00	\$92,160.00	\$82,944.00
45%	\$74,880.00	\$86,400.00	\$97,920.00	\$82,944.00	\$103,680.00	\$93,312.00
50%	\$83,200.00	\$96,000.00	\$108,800.00	\$92,160.00	\$115,200.00	\$103,680.00
55%	\$91,520.00	\$105,600.00	\$119,680.00	\$101,376.00	\$126,720.00	\$114,048.00
60%	\$99,840.00	\$115,200.00	\$130,560.00	\$110,592.00	\$138,240.00	\$124,416.00
65%	\$108,160.00	\$124,800.00	\$141,440.00	\$119,808.00	\$149,760.00	\$134,784.00

## POTENTIAL ANNUAL REVENUE BASED ON PERCENTAGE OF OPERATIONAL CAPACITY

Equals (Prime Months + Off Prime Months Revenue)

Percent of Revenue  
total operating level

25%	\$470,080	\$542,400	\$614,720	\$520,704	\$650,880	\$585,792
30%	\$564,096	\$650,880	\$737,664	\$624,845	\$781,056	\$702,950
35%	\$658,112	\$759,360	\$860,608	\$728,986	\$911,232	\$820,109
40%	\$752,128	\$867,840	\$983,552	\$833,126	\$1,041,408	\$937,267
45%	\$846,144	\$976,320	\$1,106,496	\$937,267	\$1,171,584	\$1,054,426
50%	\$940,160	\$1,084,800	\$1,229,440	\$1,041,408	\$1,301,760	\$1,171,584
55%	\$1,034,176	\$1,193,280	\$1,352,384	\$1,145,549	\$1,431,936	\$1,288,742
60%	\$1,128,192	\$1,301,760	\$1,475,328	\$1,249,690	\$1,562,112	\$1,405,901
65%	\$1,222,208	\$1,410,240	\$1,598,272	\$1,353,830	\$1,692,288	\$1,523,059