EzyGas Revenue & Profit Forecasting Model

This document presents a clear, auditable financial model to forecast revenues and gross profits for EzyGas, based solely on the number of LPG composite cylinders sold annually. The model is designed for investor review, board-level decision making, and scalable financial planning.

Parameter	Symbol	Value (EGP)
Cylinders sold per year	N	Variable
Cylinder selling price	P_sell	5,000
Refill selling price	P_refill	500
Cylinder acquisition cost	C_cyl	3,850
Refill + logistics cost	C_refill	375
Average refills per year	R	18
Cylinder lifespan (years)	L	5

Annual Revenue Formula

Annual Revenue = N × (P_sell + R × P_refill)
Annual Revenue = N × (5,000 + 18 × 500)
Annual Revenue = 14,000 × N

Annual Cost Formula

Amortized cylinder cost per year = C_cyl ÷ L = 3,850 ÷ 5 = 770 EGP
Annual refill cost per cylinder = R × C_refill = 18 × 375 = 6,750 EGP
Total annual cost per cylinder = 7,520 EGP

Annual Cost = 7,520 × N

Gross Profit Formula

Gross Profit per Cylinder = 14,000 – 7,520 = 6,480 EGP
Annual Gross Profit = 6,480 × N

Gross Margin ≈ 46.3%

Executive One-Line Model

Annual Gross Profit(N) = N × [(P_sell – C_cyl ÷ L) + R × (P_refill – C_refill)]
Annual Gross Profit(N) = N × 6,480 EGP