

Question 1 Power Consumption for Transistions**0 -> 1**

current @ 1V	current @ 0.7V	Power: (1V * current @ 1V) + (0.7V * current @ 0.7V)
8.56E-06	4.45E-07	8.86876E-06

1 -> 0

current @ 1V	current @ 0.7V	Power: (1V * current @ 1V) + (0.7V * current @ 0.7V)
3.12E-06	1.02E-05	1.02634E-05

Question 2 Power Consumption for Transistions**0 -> 1**

current @ 1V	current @ 0.7V	Power: (1V * current @ 1V) + (0.7V * current @ 0.7V)
1.82E-05	5.66E-06	2.21949E-05

1 -> 0

current @ 1V	current @ 0.7V	Power: (1V * current @ 1V) + (0.7V * current @ 0.7V)
3.19E-06	1.03E-05	1.03838E-05

Question 3 Power Consumption for Transistions**0 -> 1**

current @ 1V	current @ 0.7V	Power: (1V * current @ 1V) + (0.7V * current @ 0.7V)
1.10E-05	1.49E-07	1.10816E-05

1 -> 0

current @ 1V	current @ 0.7V	Power: (1V * current @ 1V) + (0.7V * current @ 0.7V)
2.84E-07	5.23E-06	3.94521E-06