**Pseudo-Code**

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| **Get Power**  Alias: SelectDevice\_SelectedIndexChanged  Input: None  Power from Power\_txt  Output: Power |
| **Get Price**  Alias: SelecTariff\_SelectedIndexChanged  Input: None  Price from hardcoded values  Output: Price |
| **Get Start Time**  Alias: StartTime\_SelectedIndexChanged  Input: None  Start time from StartTime  Output: Start time |
| **Get End Time**  Alias: EndTime\_SelectedIndexChanged  Input: None  End time from EndTime  Output: End time |
| **Calculate Duration**  Alias: Add\_Device\_btn\_btn\_Click  Input: Start time, End Time  Duration = End time – Start Time  Output: None |
| **Calculate Total Cost**  Alias: Calculate\_btn\_Click  Input: Price, Power, Duration  Cost of each device = Price \* Power \* Duration  Total cost = sum of all devices  Output: None |
| **Calculate Total Energy**  Alias: Calculate\_btn\_Click  Input: Power, Duration  energy of each device = Power \* Duration  Total energy = sum of all energy  Output: None |
| **Generate Graph**  Alias: Generate\_Graph\_btn\_Click  Input: Power, start time, end time  Plot points (start time, power) and (end time, power)  Output: None |