	A	B	C	D	E	F	G	H	I	J
1	No. Akaun :	220398023405				cell colour				
2	No. Contract :	203011					input			
3	Deposit :	RM237.60					false input			
4	No. Invois :	6296131076				***please do not simply change the worksheet name				
5										
6	Total amount payable RM66.34			Bill Date						
7				10/8/2021						
8			Amount	Due Date						
9	Oustanding Charges	RM	9.40							
10	Current Charges	RM	56.94	8/9/2021						
11	Rounding Up	RM	9.40							
12	Total Bill	RM	66.34							
13			Amount	Date						
14	Previous Bill	RM	59.40	10/7/2021						
15	Last Payment	RM	50.00							
16	Type of Reading		Actual							
17										
18	Billing Period	From	To	Days	Prorate Factor					
19		11/7/2021	10/8/2021	(31 days)	1					
20	Tariff		A. Domestic							
21	Tarrff Block (kWh)	Prorated Block (kWh)	Tariff Left	Rate	Amount (RM)					
22	200	200	98	0.218	43.60					
23	100	98	0	0.334	32.73					
24	300	0	0	0.516	0					
25	300	0	0	0.546	0					
26		0	0	0.571	0					
27	Minimum Charges	-	-	3.00	0					
28	Total	298			76.33					
29	Description		ST Non Applicable	ST Applicable	Total					
30	Usage	kWh	298	0	298					
31	Usage	RM	76.33	0.00	76.33					
32	Rebate ICPT(RM0.02/kWh)		-5.96	0	-5.96					
33	Pemulih Discount	15%	-10.56	0	-10.56					
34	Pumulih Discount (Jul 2021)	15%			-2.87					
35										
36	Current Month Usage	RM	59.81	0.00	56.94					
37	Service Tax (6%)				0					
38	Renewable Energy Fund (1.6%)				0					
39										
40										
41	Current Charges	RM			56.94					
42	Meter Number	Meter Reading		Usage	Unit					
43		Previous	Current							
44	311201234	23139	23437	298	kWh					
45										

Figure 1: Electric Bill sheet

The total payable amount is the amount that needs to be paid before the due date. While the same concept with the tariff sheet only the cell with light green colour needs to be filled up. With the wrong information input in the light green cell, the cell will become a light red colour as a caution. Cell B20 has provided a drop down list to select the tariff category. To add in value to the list we can reselect the range in column A of the tariff sheet. Kindly to remind that, please do not simply change the worksheet name because the VBA code algorithm will be affected.

	A	B	C	D	E	F	G	H
1	**Tariff Category**	**No.**	**Tariff Category**	**Interval (kWh)**		**Rates (sen/kWh)**		
2	A. Domestic	1	A. Domestic	0	0	300		input
3	B. Low Voltage Commercial			1	200	21.8		
4				201	300	33.4		
5				301	600	51.6		
6				601	900	54.6		
7				901	infinity	57.1		
8		2	B. Low Voltage Commercial	0	0	720		
9				1	200	43.5		
10				201	infinity	50.9		

Figure 2: Tariff Sheet

Column A is a range that contains the value as an option to make a drop down list for the cell of B20 in the Electric Bill sheet. We have to add in the tariff category manually in column A and reselect the range to add on the value of the list in B20. From column B to F, it is a table showing the rates(sen/kWh) corresponding to the interval according to different categories respectively. While only the cell with light green colour can be revalued.

The advantages of this Electricity Bill workbook is the value can be calculated accurately. Although a bit of user friendly and simpleness are sacrificed, the worksheet did show all the information in detail. Moreover, the format has followed the structure of real life receipt format. So we do not need to re-familiar the format to get the information. Furthermore, the workbook can be used under any circumstances, for example the rebate ICPT and pemulih discount will be removed when the billing period starts after 31 Dec 2021.