

RESOURCE COMBINATION			COST COMPARISON				Renewable fraction
PV (kW)	Converter (kW)	Grid (kW)	Initial capital (₱)	Operating cost (₱/yr)	Total NPC (₱)	COE (₱/ kWh)	
18.87	7.8	1000	₱ 524,486.00	₱ 60,467.00	₱ 1,469,098.00	₱ 8.59	0.84
18.87	9.6	1000	₱ 580,500.00	₱ 58,121.00	₱ 1,488,465.00	₱ 8.70	0.84
18.87	6.3	1000	₱ 477,807.00	₱ 66,493.00	₱ 1,516,565.00	₱ 8.87	0.84
18.87	11.7	1000	₱ 645,850.00	₱ 61,324.00	₱ 1,603,853.00	₱ 9.38	0.84
18.87	4.8	1000	₱ 431,129.00	₱ 76,115.00	₱ 1,620,203.00	₱ 9.47	0.84
18.87	12.6	1000	₱ 673,857.00	₱ 64,664.00	₱ 1,684,039.00	₱ 9.85	0.84
18.87	3.9	1000	₱ 403,121.00	₱ 83,843.00	₱ 1,712,927.00	₱ 10.01	0.84
14.28	6.3	1000	₱ 409,271.00	₱ 67,326.00	₱ 1,461,051.00	₱ 8.54	0.79
14.28	4.8	1000	₱ 362,593.00	₱ 72,612.00	₱ 1,496,941.00	₱ 8.75	0.79
14.28	7.8	1000	₱ 455,950.00	₱ 66,704.00	₱ 1,498,005.00	₱ 8.76	0.79
14.28	3.9	1000	₱ 334,586.00	₱ 78,097.00	₱ 1,554,617.00	₱ 9.09	0.79
14.28	9.6	1000	₱ 511,964.00	₱ 71,674.00	₱ 1,631,663.00	₱ 9.54	0.79
14.28	11.7	1000	₱ 577,314.00	₱ 82,357.00	₱ 1,863,909.00	₱ 10.90	0.79
12.495	4.8	1000	₱ 335,940.00	₱ 72,566.00	₱ 1,469,579.00	₱ 8.59	0.77
12.495	6.3	1000	₱ 382,619.00	₱ 69,844.00	₱ 1,473,721.00	₱ 8.62	0.77
12.495	3.9	1000	₱ 307,933.00	₱ 76,899.00	₱ 1,509,252.00	₱ 8.82	0.77
12.495	7.8	1000	₱ 429,297.00	₱ 72,127.00	₱ 1,556,077.00	₱ 9.10	0.77
12.495	9.6	1000	₱ 485,311.00	₱ 80,339.00	₱ 1,740,381.00	₱ 10.17	0.77
11.475	4.8	1000	₱ 320,710.00	₱ 73,117.00	₱ 1,462,947.00	₱ 8.55	0.75
11.475	3.9	1000	₱ 292,703.00	₱ 76,573.00	₱ 1,488,928.00	₱ 8.70	0.75
11.475	6.3	1000	₱ 367,389.00	₱ 72,078.00	₱ 1,493,395.00	₱ 8.73	0.75
11.475	7.8	1000	₱ 414,067.00	₱ 76,413.00	₱ 1,607,791.00	₱ 9.40	0.75
11.475	9.6	1000	₱ 470,081.00	₱ 85,694.00	₱ 1,808,797.00	₱ 10.57	0.75
9.435	3.9	1000	₱ 262,243.00	₱ 77,220.00	₱ 1,468,577.00	₱ 8.59	0.7
9.435	4.8	1000	₱ 290,250.00	₱ 76,047.00	₱ 1,478,261.00	₱ 8.64	0.7
9.435	6.3	1000	₱ 336,928.00	₱ 79,318.00	₱ 1,576,048.00	₱ 9.21	0.7
9.435	7.8	1000	₱ 383,607.00	₱ 86,936.00	₱ 1,741,728.00	₱ 10.18	0.7
7.65	3.9	1000	₱ 235,590.00	₱ 80,112.00	₱ 1,487,112.00	₱ 8.69	0.65
7.65	4.8	1000	₱ 263,597.00	₱ 81,594.00	₱ 1,538,261.00	₱ 8.99	0.65
7.65	6.3	1000	₱ 310,276.00	₱ 88,810.00	₱ 1,697,674.00	₱ 9.92	0.65
6.12	3.9	1000	₱ 212,745.00	₱ 85,436.00	₱ 1,547,426.00	₱ 9.05	0.59
6.12	4.8	1000	₱ 240,752.00	₱ 89,710.00	₱ 1,642,212.00	₱ 9.60	0.59
6.12	6.3	1000	₱ 287,430.00	₱ 97,806.00	₱ 1,815,361.00	₱ 10.61	0.59
4.59	3.9	1000	₱ 189,900.00	₱ 94,607.00	₱ 1,667,862.00	₱ 9.75	0.5
4.59	4.8	1000	₱ 217,907.00	₱ 99,467.00	₱ 1,771,783.00	₱ 10.36	0.5
3.825	3.9	1000	₱ 178,477.00	₱ 100,032.00	₱ 1,741,190.00	₱ 10.18	0.44
3.825	4.8	1000	₱ 206,484.00	₱ 104,892.00	₱ 1,845,111.00	₱ 10.79	0.44
-	-	1000	₱ -	₱ 119,720.00	₱ 1,870,282.00	₱ 10.93	0
7.65	7.8	1000	₱ 356,954.00	₱ 96,909.00	₱ 1,870,875.00	₱ 10.94	0.65
18.87	14.4	1000	₱ 729,871.00	₱ 73,460.00	₱ 1,877,469.00	₱ 10.98	0.84
4.59	6.3	1000	₱ 264,585.00	₱ 107,566.00	₱ 1,944,984.00	₱ 11.37	0.5
9.435	9.6	1000	₱ 439,621.00	₱ 96,655.00	₱ 1,949,569.00	₱ 11.40	0.7
14.28	12.6	1000	₱ 605,321.00	₱ 87,217.00	₱ 1,967,830.00	₱ 11.50	0.79
12.495	11.7	1000	₱ 550,661.00	₱ 91,659.00	₱ 1,982,558.00	₱ 11.59	0.77
6.12	7.8	1000	₱ 334,109.00	₱ 105,905.00	₱ 1,988,563.00	₱ 11.63	0.59
3.825	6.3	1000	₱ 253,163.00	₱ 112,991.00	₱ 2,018,312.00	₱ 11.80	0.44
11.475	11.7	1000	₱ 535,431.00	₱ 97,032.00	₱ 2,051,278.00	₱ 11.99	0.75

RESOURCE COMBINATION			COST COMPARISON				Renewable fraction
PV (kW)	Converter (kW)	Grid (kW)	Initial capital (₱)	Operating cost (₱/yr)	Total NPC (₱)	COE (₱/ kWh)	
7.65	9.6	1000	₱ 412,968.00	₱ 106,628.00	₱ 2,078,717.00	₱ 12.15	0.65
12.495	12.6	1000	₱ 578,668.00	₱ 96,518.00	₱ 2,086,479.00	₱ 12.20	0.77
4.59	7.8	1000	₱ 311,264.00	₱ 115,665.00	₱ 2,118,185.00	₱ 12.38	0.5
11.475	12.6	1000	₱ 563,438.00	₱ 101,892.00	₱ 2,155,199.00	₱ 12.60	0.75
14.28	14.4	1000	₱ 661,335.00	₱ 96,936.00	₱ 2,175,672.00	₱ 12.72	0.79
3.825	7.8	1000	₱ 299,841.00	₱ 121,090.00	₱ 2,191,513.00	₱ 12.81	0.44
9.435	11.7	1000	₱ 504,971.00	₱ 107,993.00	₱ 2,192,051.00	₱ 12.81	0.7
6.12	9.6	1000	₱ 390,123.00	₱ 115,624.00	₱ 2,196,404.00	₱ 12.84	0.59
12.495	14.4	1000	₱ 634,682.00	₱ 106,237.00	₱ 2,294,320.00	₱ 13.41	0.77
9.435	12.6	1000	₱ 532,978.00	₱ 112,853.00	₱ 2,295,972.00	₱ 13.42	0.7
7.65	11.7	1000	₱ 478,318.00	₱ 117,966.00	₱ 2,321,199.00	₱ 13.57	0.65
4.59	9.6	1000	₱ 367,278.00	₱ 125,383.00	₱ 2,326,027.00	₱ 13.60	0.5
11.475	14.4	1000	₱ 619,452.00	₱ 111,611.00	₱ 2,363,041.00	₱ 13.81	0.75
18.87	18.9	1000	₱ 869,906.00	₱ 97,717.00	₱ 2,396,441.00	₱ 14.01	0.84
3.825	9.6	1000	₱ 355,855.00	₱ 130,808.00	₱ 2,399,355.00	₱ 14.03	0.44
7.65	12.6	1000	₱ 506,325.00	₱ 122,826.00	₱ 2,425,120.00	₱ 14.18	0.65
6.12	11.7	1000	₱ 455,473.00	₱ 126,962.00	₱ 2,438,886.00	₱ 14.26	0.59
9.435	14.4	1000	₱ 588,992.00	₱ 122,571.00	₱ 2,503,813.00	₱ 14.64	0.7
6.12	12.6	1000	₱ 483,480.00	₱ 131,822.00	₱ 2,542,807.00	₱ 14.87	0.59
4.59	11.7	1000	₱ 432,628.00	₱ 136,722.00	₱ 2,568,509.00	₱ 15.02	0.5
7.65	14.4	1000	₱ 562,339.00	₱ 132,545.00	₱ 2,632,961.00	₱ 15.39	0.65
3.825	11.7	1000	₱ 421,205.00	₱ 142,147.00	₱ 2,641,837.00	₱ 15.44	0.44
4.59	12.6	1000	₱ 460,635.00	₱ 141,581.00	₱ 2,672,430.00	₱ 15.62	0.5
14.28	18.9	1000	₱ 801,370.00	₱ 121,233.00	₱ 2,695,276.00	₱ 15.76	0.79
3.825	12.6	1000	₱ 449,212.00	₱ 147,006.00	₱ 2,745,757.00	₱ 16.05	0.44
6.12	14.4	1000	₱ 539,494.00	₱ 141,540.00	₱ 2,750,648.00	₱ 16.08	0.59
12.495	18.9	1000	₱ 774,718.00	₱ 130,534.00	₱ 2,813,924.00	₱ 16.45	0.77
4.59	14.4	1000	₱ 516,649.00	₱ 151,300.00	₱ 2,880,271.00	₱ 16.84	0.5
11.475	18.9	1000	₱ 759,488.00	₱ 135,907.00	₱ 2,882,645.00	₱ 16.85	0.75
3.825	14.4	1000	₱ 505,226.00	₱ 156,725.00	₱ 2,953,599.00	₱ 17.27	0.44
9.435	18.9	1000	₱ 729,027.00	₱ 146,868.00	₱ 3,023,417.00	₱ 17.67	0.7
7.65	18.9	1000	₱ 702,375.00	₱ 156,841.00	₱ 3,152,565.00	₱ 18.43	0.65
6.12	18.9	1000	₱ 679,529.00	₱ 165,837.00	₱ 3,270,252.00	₱ 19.12	0.59
4.59	18.9	1000	₱ 656,684.00	₱ 175,597.00	₱ 3,399,875.00	₱ 19.88	0.5
3.825	18.9	1000	₱ 645,262.00	₱ 181,022.00	₱ 3,473,203.00	₱ 20.30	0.44