

Annex III: Energy consumption in economic sectors

Total Energy consumption (in G.J)
District: Bhaktapur
Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	252485.96	20041.41	342.81	0.00	0.00	0.00	26561.93	11866.62	925.16	312223.89
Animal dung	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1412.69	1412.69
Agriculture residue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4626.27	0.00	4626.27
Coal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kerosene	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	409048.42	104223.83	0.00	0.00	0.00	0.00	110678.06	2587.28	71.73	626609.33
Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gasoline	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	932.50	119.01	254.28	9931.35	96229.83	152872.78	0.15	0.00	0.00	260339.89
Biogas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Briquette	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wax	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Solar PV	0.00	0.00	0.00	0.00	351.52	0.00	0.00	0.00	0.00	351.52
Solar Thermal	0.00	1156.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1156.36
Total	662466.88	125540.61	597.10	9931.35	96581.35	152872.78	137240.13	19080.17	2409.58	1206719.95

Total Urban Energy consumption (in GJ)

District: Bhaktapur

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	252,485.95	20,041.40	342.81	-	-	-	26,561.93	11,866.62	925.15	312,223.89
Animal dung	-	-	-	-	-	-	-	-	1,412.69	1,412.69
Agriculture residue	-	-	-	-	-	-	-	4,626.26	-	4,626.26
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	409,048.42	104,223.83	-	-	-	-	110,678.05	2,587.28	71.733	626,609.33
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	932.49	119.00	254.28	9,931.34	96,229.82	152,872.77	0.14	0.00	-	260,339.88
Biogas	-	-	-	-	-	-	-	-	-	-
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	351.52	-	-	-	-	351.52
Solar Thermal	-	1,156.36	-	-	-	-	-	-	-	1,156.36

Total	662,466.88	125,540.60	597.09	9,931.34	96,581.35	152,872.77	137,240.13	19,080.17	2,409.58	1,206,719.95
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Total Rural Energy consumption (in GJ)

District: Bhaktapur

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Animal dung	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Agriculture residue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kerosene	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gasoline	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biogas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Briquette	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wax	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Solar PV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Solar Thermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Total Energy consumption (in G.J)
District: Chitwan
Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	975,548.61	3,115.94	27,048.83	-	-	-	64,420.93	36,945.56	389,123.96	1,496,203.83
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	12,634.52	-	-	-	-	-	-	-	50,914.38	63,548.90
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	757,022.99	24,828.52	-	-	-	-	40,257.02	13,568.31	-	835,676.85
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	1,125.67	396.27	7.99	136,916.43	61,889.32	186,242.32	-	-	-	386,577.99
Biogas	18,189.72	-	-	-	-	-	19,788.01	29,624.10	20,270.64	87,872.47
Briquette	1,181.49	-	-	-	-	-	-	-	-	1,181.49
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	4,648.89	-	-	-	-	4,648.89
Solar Thermal	-	-	-	-	-	-	-	-	-	-
Total	1,765,702.99	28,340.73	27,056.82	136,916.43	66,538.20	186,242.32	124,465.96	80,137.97	460,308.98	2,875,710.41

Total Urban Energy consumption (in GJ)

District: Chitwan

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	820,609.73	1,602.34	-	-	-	-	53,261.93	34,059.24	336,999.46	1,246,532.70
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	4,054.13	-	-	-	-	-	-	-	-	4,054.13
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	729,030.00	23,982.77	-	-	-	-	36,874.03	13,008.88	-	802,895.68
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	1,125.67	396.27	7.99	127,590.87	59,048.65	179,458.36	-	-	-	367,627.79
Biogas	18,189.72	-	-	-	-	-	19,788.01	29,624.10	20,270.64	87,872.47
Briquette	1,181.49	-	-	-	-	-	-	-	-	1,181.49
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	4,648.89	-	-	-	-	4,648.89
Solar Thermal	-	-	-	-	-	-	-	-	-	-
Total	1,574,190.73	25,981.37	7.99	127,590.87	63,697.53	179,458.36	109,923.97	76,692.22	357,270.10	2,514,813.14

Total Rural Energy consumption (in G.J)

District: Chitwan

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	154,938.87	1,513.61	27,048.83	-	-	-	11,159.00	2,886.32	52,124.50	249,671.13
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	8,580.39	-	-	-	-	-	-	-	50,914.38	59,494.77
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	27,993.00	845.75	-	-	-	-	3,382.99	559.43	-	32,781.17
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	-	-	-	9,325.56	2,840.67	6,783.96	-	-	-	18,950.20
Biogas	-	-	-	-	-	-	-	-	-	-
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	-	-	-	-	-	-
Solar Thermal	-	-	-	-	-	-	-	-	-	-
Total	191,512.26	2,359.36	27,048.83	9,325.56	2,840.67	6,783.96	14,541.99	3,445.75	103,038.88	360,897.27

Total Energy consumption (in G.J)
District: Dhading
Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	1,542,883.42	2,132.02	6,558.97	-	-	-	2,457.88	28,730.66	540,717.59	2,123,480.53
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	50,229.32	-	-	-	-	-	-	24,165.91	158,770.29	233,165.53
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	157,488.74	3,874.17	-	-	-	-	8,548.93	-	-	169,911.84
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	733.29	64.68	396.95	21,310.89	13,576.37	50,888.86	1.65	-	-	86,972.68
Biogas	22,837.58	-	-	-	-	-	53.81	-	-	22,891.39
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	2,460.63	-	-	-	-	2,460.63
Solar Thermal	-	714.54	-	-	-	-	-	-	-	714.54
Total	1,774,172.35	6,785.40	6,955.92	21,310.89	16,037.00	50,888.86	11,062.26	52,896.57	699,487.88	2,639,597.13

Total Urban Energy consumption (in GJ)

District: Dhading

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	165,249.80	259.49	-	-	-	-	69.44	10,789.66	3,204.36	179,572.77
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	-	-	-	-	-	-	-	-	-	-
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	90,222.98	509.00	-	-	-	-	6,646.21	-	-	97,378.19
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	161.97	64.66	80.37	19,486.19	5,004.61	28,807.93	1.65	-	-	53,607.37
Biogas	-	-	-	-	-	-	53.81	-	-	53.81
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	104.75	-	-	-	-	104.75
Solar Thermal	-	714.54	-	-	-	-	-	-	-	714.54
Total	255,634.75	1,547.69	80.37	19,486.19	5,109.36	28,807.93	6,771.10	10,789.66	3,204.36	331,431.42

Total Rural Energy consumption (in GJ)

District: Dhading

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	1,377,633.62	1,872.52	6,558.97	-	-	-	2,388.43	17,941.00	537,513.22	1,943,907.76
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	50,229.32	-	-	-	-	-	-	24,165.91	158,770.29	233,165.53
Coals	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	67,265.76	3,365.17	-	-	-	-	1,902.72	-	-	72,533.65
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	571.32	0.02	316.58	1,824.70	8,571.76	22,080.93	-	-	-	33,365.30
Biogas	22,837.58	-	-	-	-	-	-	-	-	22,837.58
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	2,355.88	-	-	-	-	2,355.88
Solar Thermal	-	-	-	-	-	-	-	-	-	-
Total	1,518,537.60	5,237.71	6,875.55	1,824.70	10,927.64	22,080.93	4,291.16	42,106.91	696,283.52	2,308,165.71

Total Energy consumption (in GJ)

District: Dholakha

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	1,346,337.74	17,861.84	38,272.27	-	-	-	87,148.94	19,866.82	483,247.93	1,992,735.55
Animal dung	-	-	-	-	-	-	5.31	-	-	5.31
Agriculture residue	57,960.43	-	-	-	-	-	-	-	-	57,960.43
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	69,246.73	2,574.85	-	-	-	-	7,199.68	542.99	-	79,564.25
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	19.92	1,473.22	579.85	37.82	9,363.06	20,944.43	1.18	-	-	32,419.48
Biogas	2,249.64	-	-	-	-	-	272.05	-	-	2,521.69
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	939.63	-	-	-	-	939.63
Solar Thermal	-	-	-	-	-	-	-	-	-	-
Total	1,475,814.47	21,909.90	38,852.12	37.82	10,302.69	20,944.43	94,627.16	20,409.81	483,247.93	2,166,146.33

Total Urban Energy consumption (in GJ)

District: Dolakha

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	251,591.75	9,147.38	6,206.86	-	-	-	19,739.78	7,918.29	60,626.14	355,230.21
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	12,051.09	-	-	-	-	-	-	-	-	12,051.09
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	20,705.26	735.85	-	-	-	-	1,893.88	180.36	-	23,515.35
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	3.64	667.07	330.12	37.82	2,100.90	3,607.21	0.69	-	-	6,747.45
Biogas	2,249.64	-	-	-	-	-	272.05	-	-	2,521.69
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	-	-	-	-	-	-
Solar Thermal	-	-	-	-	-	-	-	-	-	-
Total	286,601.38	10,550.30	6,536.98	37.82	2,100.90	3,607.21	21,906.40	8,098.65	60,626.14	400,065.78

Total Rural Energy consumption (in G.J)

District: Dolakha

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	1,094,745.99	8,714.45	32,065.41	-	-	-	67,409.16	11,948.53	422,621.79	1,637,505.34
Animal dung	-	-	-	-	-	-	5.31	-	-	5.31
Agriculture residue	45,909.34	-	-	-	-	-	-	-	-	45,909.34
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	48,541.47	1,839.00	-	-	-	-	5,305.80	362.63	-	56,048.89
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	16.28	806.15	249.73	-	7,262.16	17,337.22	0.49	-	-	25,672.03
Biogas	-	-	-	-	-	-	-	-	-	-
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	939.63	-	-	-	-	939.63
Solar Thermal	-	-	-	-	-	-	-	-	-	-
Total	1,189,213.09	11,359.60	32,315.14	-	8,201.79	17,337.22	72,720.75	12,311.16	422,621.79	1,766,080.55

Total Energy consumption (in G.J)

District: Kathmandu

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	1,061,185.43	42,064.51	104,659.32	-	-	-	151,925.77	15,080.49	1,622.47	1,376,538.00
Animal dung	-	-	-	-	-	-	-	3,780.26	-	3,780.26
Agriculture residue	-	-	-	-	-	-	-	-	-	-
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	2,732,655.08	47,094.71	-	-	-	-	78,228.93	332,361.45	-	3,190,340.17
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	19,221.74	5,297.34	8,492.15	150,792.06	233,528.29	2,010,889.85	9.43	-	-	2,428,230.86
Biogas	-	-	-	-	-	-	-	-	-	-
Briquette	-	-	6,720.59	-	-	-	-	-	-	6,720.59
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	4,238.85	-	-	-	-	4,238.85
Solar Thermal	-	168,440.26	-	-	-	-	-	-	-	168,440.26
Total	3,813,062.25	262,896.82	119,872.06	150,792.06	237,767.14	2,010,889.85	230,164.13	351,222.21	1,622.47	7,178,288.99

Total Urban Energy consumption (in GJ)

District: Kathmandu

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	1,061,185.43	42,064.51	104,659.32	-	-	-	151,925.77	15,080.49	1,622.47	1,376,538.00
Animal dung	-	-	-	-	-	-	-	3,780.26	-	3,780.26
Agriculture residue	-	-	-	-	-	-	-	-	-	-
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	2,732,655.08	47,094.71	-	-	-	-	78,228.93	332,361.45	-	3,190,340.17
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	19,221.74	5,297.34	8,492.15	150,792.06	233,528.29	2,010,889.85	9.43	-	-	2,428,230.86
Biogas	-	-	-	-	-	-	-	-	-	-
Briquette	-	-	6,720.59	-	-	-	-	-	-	6,720.59
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	4,238.85	-	-	-	-	4,238.85
Solar Thermal	-	168,440.26	-	-	-	-	-	-	-	168,440.26
Total	3,813,062.25	262,896.82	119,872.06	150,792.06	237,767.14	2,010,889.85	230,164.13	351,222.21	1,622.47	7,178,288.99

Total Rural Energy consumption (in G.J)

District: Kathmandu

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Animal dung	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Agriculture residue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kerosene	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gasoline	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biogas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Briquette	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wax	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Solar PV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Solar Thermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Total Energy consumption (in GJ)
District: Kavrepalanchowk
Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	1,258,114.25	14,527.70	103,030.16	-	-	-	89.96	-	626,921.56	2,002,683.62
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	118,272.97	-	-	-	-	-	-	6,107.56	51,233.74	175,614.27
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	199,081.49	9,937.52	-	-	-	-	27,013.76	2,088.95	-	238,121.72
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	332.05	658.24	1,355.67	2,484.89	33,109.36	79,940.88	-	-	-	117,881.09
Biogas	6,668.47	-	-	-	-	-	-	-	-	6,668.47
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	5,239.45	-	-	-	-	5,239.45
Solar Thermal	-	8,645.88	-	-	-	-	-	-	-	8,645.88
Total	1,582,469.23	33,769.34	104,385.83	2,484.89	38,348.81	79,940.88	27,103.72	8,196.52	678,155.29	2,554,854.50

Total Urban Energy consumption (in GJ)

District: Kavrepalanchowk

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	375,251.68	345.05	2,944.33	-	-	-	26.37	-	173,903.10	552,470.52
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	-	-	-	-	-	-	-	-	-	-
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	173,834.94	9,937.52	-	-	-	-	19,886.78	2,088.95	-	205,748.19
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	332.05	15.25	1,355.67	2,450.60	27,061.91	66,284.43	-	-	-	97,499.90
Biogas	114.66	-	-	-	-	-	-	-	-	114.66
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	5,143.43	-	-	-	-	5,143.43
Solar Thermal	-	8,356.09	-	-	-	-	-	-	-	8,356.09
Total	549,533.33	18,653.90	4,300.00	2,450.60	32,205.34	66,284.43	19,913.14	2,088.95	173,903.10	869,332.80

Total Rural Energy consumption (in G.J)

District: Kavrepalanchowk

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	882,862.58	14,182.65	100,085.83	-	-	-	63.59	-	453,018.46	1,450,213.10
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	118,272.97	-	-	-	-	-	-	6,107.56	51,233.74	175,614.27
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	25,246.55	-	-	-	-	-	7,126.98	-	-	32,373.53
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	-	643.00	-	34.29	6,047.45	13,656.45	-	-	-	20,381.19
Biogas	6,553.81	-	-	-	-	-	-	-	-	6,553.81
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	96.02	-	-	-	-	96.02
Solar Thermal	-	289.78	-	-	-	-	-	-	-	289.78
Total	1,032,935.90	14,825.65	100,085.83	34.29	6,143.47	13,656.45	7,190.57	6,107.56	504,252.19	1,685,231.92

Total Energy consumption (in GJ)

District: Lalitpur

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	580,472.21	14,749.14	18,281.37	-	-	-	904.83	6,952.41	18,841.19	640,201.17
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	3,595.62	-	-	-	-	-	-	1,823.27	23,359.00	28,777.89
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	655,386.43	13,135.60	-	-	-	-	43,525.55	-	-	712,047.58
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	153,236.84	66,848.84	135,135.65	49,396.60	87,400.09	352,650.40	0.51	-	-	844,668.94
Biogas	610.61	-	-	-	-	-	1,118.66	-	-	1,729.27
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	1,064.73	-	-	-	-	1,064.73
Solar Thermal	-	18,771.85	-	-	-	-	-	-	-	18,771.85
Total	1,393,301.72	113,505.43	153,417.03	49,396.60	88,464.82	352,650.40	45,549.55	8,775.68	42,200.19	2,247,261.42

Total Urban Energy consumption (in GJ)

District: Lalitpur

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	182,915.72	-	-	-	-	-	-	-	-	182,915.72
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	3,415.57	-	-	-	-	-	-	-	-	3,415.57
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	628,886.42	12,625.15	-	-	-	-	42,527.35	-	-	684,038.92
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	152,651.49	65,024.56	131,633.63	48,503.76	83,474.28	340,923.33	0.51	-	-	822,211.56
Biogas	-	-	-	-	-	-	-	-	-	-
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	588.97	-	-	-	-	588.97
Solar Thermal	-	18,752.09	-	-	-	-	-	-	-	18,752.09
Total	967,869.20	96,401.80	131,633.63	48,503.76	84,063.25	340,923.33	42,527.86	-	-	1,711,922.82

Total Rural Energy consumption (in GJ)

District: Lalitpur

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	397,556.49	14,749.14	18,281.37	-	-	-	904.83	6,952.41	18,841.19	457,285.45
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	180.06	-	-	-	-	-	-	1,823.27	23,359.00	25,362.32
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	26,500.01	510.45	-	-	-	-	998.20	-	-	28,008.66
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	585.35	1,824.28	3,502.02	892.85	3,925.81	11,727.08	-	-	-	22,457.38
Biogas	610.61	-	-	-	-	-	1,118.66	-	-	1,729.27
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	475.76	-	-	-	-	475.76
Solar Thermal	-	19.76	-	-	-	-	-	-	-	19.76
Total	425,432.51	17,083.87	21,783.40	892.85	4,401.57	11,727.08	3,021.70	8,775.68	42,200.19	535,318.84

Total Energy consumption (in G.J)
District: Makwanpur
Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	1,988,795.39	2,299.66	28,337.35	-	-	-	9,477.99	75,230.51	313,035.80	2,417,176.69
Animal dung	-	-	-	-	-	-	247.25	-	9.71	256.96
Agriculture residue	53,776.11	-	-	-	-	-	-	12,850.67	80,933.44	147,560.21
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	513.91	-	-	-	-	513.91
LPG	205,503.23	2,532.67	-	-	-	-	47,901.84	65,568.97	19.79	321,526.51
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	7,641.55	188.15	370.54	62,663.90	40,555.19	82,376.11	6.47	-	-	193,801.91
Biogas	35,531.82	-	-	-	-	-	9,043.50	-	-	44,575.33
Briquette	-	-	-	-	-	-	5.72	-	-	5.72
Wax	-	-	-	-	38.03	-	-	-	-	38.03
Solar PV	-	-	-	-	817.23	-	-	-	-	817.23
Solar Thermal	-	-	-	-	-	-	-	-	-	-
Total	2,291,248.10	5,020.48	28,707.89	62,663.90	41,924.37	82,376.11	66,682.77	153,650.14	393,998.74	3,126,272.50

Total Urban Energy consumption (in GJ)

District: Makwanpur

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	220,669.20	2,159.28	581.15	-	-	-	3,564.45	-	64,383.53	291,357.61
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	-	-	-	-	-	-	-	-	-	-
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	158,360.60	825.89	-	-	-	-	47,901.23	65,568.97	-	272,656.69
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	7,251.75	134.59	37.99	41,006.39	29,280.07	43,697.45	6.47	-	-	121,414.70
Biogas	7,251.75	-	-	-	-	-	-	-	-	7,251.75
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	28.69	-	-	-	-	28.69
Solar Thermal	-	-	-	-	-	-	-	-	-	-
Total	393,533.30	3,119.76	619.13	41,006.39	29,308.76	43,697.45	51,472.15	65,568.97	64,383.53	692,709.44

Total Rural Energy consumption (in G.J)

District: Makwanpur

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	1,768,126.18	140.38	27,756.20	-	-	-	5,913.54	75,230.51	248,652.27	2,125,819.08
Animal dung	-	-	-	-	-	-	247.25	-	9.71	256.96
Agriculture residue	53,776.11	-	-	-	-	-	-	12,850.67	80,933.44	147,560.21
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	513.91	-	-	-	-	513.91
LPG	47,142.63	1,706.78	-	-	-	-	0.61	-	19.79	48,869.82
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	389.80	53.56	332.56	21,657.50	11,275.13	38,678.65	0.00	-	-	72,387.20
Biogas	28,280.08	-	-	-	-	-	9,043.50	-	-	37,323.58
Briquette	-	-	-	-	-	-	5.72	-	-	5.72
Wax	-	-	-	-	38.03	-	-	-	-	38.03
Solar PV	-	-	-	-	788.54	-	-	-	-	788.54
Solar Thermal	-	-	-	-	-	-	-	-	-	-
Total	1,897,714.80	1,900.72	28,088.76	21,657.50	12,615.61	38,678.65	15,210.62	88,081.17	329,615.21	2,433,563.06

Total Energy consumption (in G.J)
District: Nuwakot
Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	1,325,781.91	8,635.57	102,777.45	-	-	-	3,698.97	20,160.96	514,310.40	1,975,365.27
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	7,462.36	-	-	-	-	-	-	15,586.59	224,084.74	247,133.70
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	165,700.37	24,583.00	-	-	-	-	11,852.04	13,311.68	-	215,447.09
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	2,916.82	47.02	2,504.49	10,633.85	15,154.18	42,078.30	-	-	-	73,334.66
Biogas	10,369.45	-	-	-	-	-	979.65	-	-	11,349.09
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	91.69	-	-	-	-	91.69
Solar Thermal	-	567.80	-	-	-	-	-	-	-	567.80
Total	1,512,230.91	33,265.60	105,281.94	10,633.85	15,245.87	42,078.30	16,530.66	49,059.23	738,395.14	2,522,721.50

Total Urban Energy consumption (in GJ)

District: Nuwakot

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	265,609.05	-	20,759.52	-	-	-	3,698.78	-	1,234.35	291,301.70
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	-	-	-	-	-	-	-	-	-	-
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	101,182.06	24,583.00	-	-	-	-	8,257.58	13,311.68	-	147,334.32
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	728.39	47.02	1,368.62	7,814.79	6,446.29	15,456.23	-	-	-	31,861.35
Biogas	2,429.66	-	-	-	-	-	979.65	-	-	3,409.31
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	91.69	-	-	-	-	91.69
Solar Thermal	-	567.80	-	-	-	-	-	-	-	567.80
Total	369,949.16	25,197.83	22,128.14	7,814.79	6,537.99	15,456.23	12,936.01	13,311.68	1,234.35	474,566.18

Total Rural Energy consumption (in G.J)

District: Nuwakot

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	1,060,172.87	8,635.57	82,017.93	-	-	-	0.19	20,160.96	513,076.05	1,684,063.57
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	7,462.36	-	-	-	-	-	-	15,586.59	224,084.74	247,133.70
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	64,518.31	-	-	-	-	-	3,594.46	-	-	68,112.77
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	2,188.43	-	1,135.87	2,819.05	8,707.88	26,622.07	-	-	-	41,473.31
Biogas	7,939.78	-	-	-	-	-	-	-	-	7,939.78
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	-	-	-	-	-	-
Solar Thermal	-	-	-	-	-	-	-	-	-	-
Total	1,142,281.75	8,635.57	83,153.80	2,819.05	8,707.88	26,622.07	3,594.65	35,747.55	737,160.79	2,048,723.12

Total Energy consumption (in G.J)

District: Ramechhap

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	905,034.95	14,444.24	25,092.98	-	-	-	38,695.63	16,055.44	156,647.74	1,155,970.96
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	-	-	-	-	-	-	-	7,438.55	219,167.32	226,605.87
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	97,955.00	3,383.81	-	-	-	-	6,857.31	2,774.18	-	110,970.30
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	820.07	473.06	795.24	1,168.53	7,865.01	14,142.96	-	-	-	25,264.86
Biogas	-	-	-	-	-	-	-	-	-	-
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	264.80	-	-	-	-	264.80
Solar Thermal	-	-	-	-	-	-	-	-	-	-
Total	1,003,810.01	18,301.10	25,888.22	1,168.53	8,129.81	14,142.96	45,552.94	26,268.17	375,815.06	1,519,076.79

Total Urban Energy consumption (in GJ)

District: Ramechhap

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	91,317.90	-	-	-	-	-	157.28	1,975.54	-	93,450.72
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	-	-	-	-	-	-	-	-	-	-
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	71,679.93	1,965.58	-	-	-	-	6,857.31	2,774.18	-	83,277.00
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	812.22	68.66	795.24	1,166.54	2,972.63	11,428.11	-	-	-	17,243.39
Biogas	-	-	-	-	-	-	-	-	-	-
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	69.40	-	-	-	-	69.40
Solar Thermal	-	-	-	-	-	-	-	-	-	-
Total	163,810.05	2,034.24	795.24	1,166.54	3,042.03	11,428.11	7,014.59	4,749.72	-	194,040.51

Total Rural Energy consumption (in G.J)

District: Ramechhap

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	813,717.04	14,444.24	25,092.98	-	-	-	38,538.35	14,079.90	156,647.74	1,062,520.24
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	-	-	-	-	-	-	-	7,438.55	219,167.32	226,605.87
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	26,275.07	1,418.23	-	-	-	-	-	-	-	27,693.30
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	7.85	404.40	-	1.99	4,892.38	2,714.85	-	-	-	8,021.46
Biogas	-	-	-	-	-	-	-	-	-	-
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	195.40	-	-	-	-	195.40
Solar Thermal	-	-	-	-	-	-	-	-	-	-
Total	839,999.96	16,266.86	25,092.98	1.99	5,087.78	2,714.85	38,538.35	21,518.45	375,815.06	1,325,036.28

Total Energy consumption (in G.J)

District: Rasuwa

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	299,871.26	6,452.70	7,568.38	-	-	-	15,385.33	5,326.14	77,109.50	411,713.52
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	-	-	-	-	-	-	-	-	-	-
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	43.35	-	-	-	-	43.35
LPG	15,982.84	232.25	-	-	-	-	1,205.71	89.25	-	17,510.05
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	3.61	86.68	22.71	6.54	3,135.56	5,525.67	0.11	-	-	8,780.87
Biogas	-	-	-	-	-	-	-	-	-	-
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	80.20	-	-	-	-	80.20
Solar PV	-	-	-	-	4.52	-	-	-	-	4.52
Solar Thermal	-	8.73	-	-	-	-	-	-	-	8.73
Total	315,857.71	6,780.36	7,591.08	6.54	3,263.63	5,525.67	16,591.36	5,415.39	77,109.50	438,141.24

Total Urban Energy consumption (in GJ)

District: Rasuwa

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	-	-	-	-	-	-	-	-	-	-
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	-	-	-	-	-	-	-	-	-	-
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	-	-	-	-	-	-	-	-	-	-
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	-	-	-	-	-	-	-	-	-	-
Biogas	-	-	-	-	-	-	-	-	-	-
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	-	-	-	-	-	-
Solar Thermal	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-

Total Rural Energy consumption (in G.J)

District: Rasuwa

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	299,871.26	6,452.70	7,568.38	-	-	-	15,385.53	5,326.14	77,109.50	411,713.52
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	-	-	-	-	-	-	-	-	-	-
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	43.35	-	-	-	-	43.35
LPG	15,982.84	232.25	-	-	-	-	1,205.71	89.25	-	17,510.05
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	3.61	86.68	22.71	6.54	3,135.56	5,525.67	0.11	-	-	8,780.87
Biogas	-	-	-	-	-	-	-	-	-	-
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	80.20	-	-	-	-	80.20
Solar PV	-	-	-	-	4.52	-	-	-	-	4.52
Solar Thermal	-	8.73	-	-	-	-	-	-	-	8.73
Total	315,857.71	6,771.63	7,591.08	6.54	3,263.63	5,525.67	16,591.36	5,415.39	77,109.50	438,132.51

Total Energy consumption (in G.J)

District: Sindhuli

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	1,345,695.79	11.83	97,741.29	-	-	-	12,488.15	3,527.29	268,356.74	1,727,821.09
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	-	-	-	-	-	-	-	2,166.09	277,506.67	279,672.76
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	254,152.00	35,933.84	-	-	-	-	29,438.98	4,899.89	-	324,424.71
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	1,199.09	18.86	328.86	1,402.03	12,623.70	32,264.88	-	-	-	47,837.43
Biogas	-	-	-	-	-	-	-	-	-	-
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	285.53	-	-	-	-	285.53
Solar Thermal	-	-	-	-	-	-	-	-	-	-
Total	1,601,046.88	35,964.53	98,070.15	1,402.03	12,909.23	32,264.88	41,927.13	10,593.27	545,863.41	2,380,041.51

Total Urban Energy consumption (in GJ)

District: Sindhuli

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	276,190.29	-	-	-	-	-	-	1,771.83	-	277,962.12
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	-	-	-	-	-	-	-	-	-	-
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	188,098.69	35,774.41	-	-	-	-	29,438.98	2,807.02	-	256,119.10
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	1,186.44	11.90	328.86	-	6,827.47	26,288.65	-	-	-	34,643.33
Biogas	-	-	-	-	-	-	-	-	-	-
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	88.25	-	-	-	-	88.25
Solar Thermal	-	-	-	-	-	-	-	-	-	-
Total	465,475.43	35,786.32	328.86	-	6,915.71	26,288.65	29,438.98	4,578.85	-	568,812.79

Total Rural Energy consumption (in GJ)

District: Sindhuli

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	1,069,505.50	11.83	97,741.29	-	-	-	12,488.15	1,755.46	268,356.74	1,449,858.96
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	-	-	-	-	-	-	-	2,166.09	277,506.67	279,672.76
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	66,053.31	159.42	-	-	-	-	-	2,092.87	-	68,305.61
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	12.65	6.96	-	1,402.03	5,796.23	5,976.23	-	-	-	13,194.10
Biogas	-	-	-	-	-	-	-	-	-	-
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	197.29	-	-	-	-	197.29
Solar Thermal	-	-	-	-	-	-	-	-	-	-
Total	1,135,571.45	178.21	97,741.29	1,402.03	5,993.52	5,976.23	12,488.15	6,014.42	545,863.41	1,811,228.71

Total Energy consumption (in G.J)
District: Sindhupalchowk
Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	1,193,525.97	2,020.61	65,084.53	-	-	-	886.70	30,686.47	223,366.95	1,515,571.23
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	36,067.55	-	-	-	-	-	-	-	67,803.35	103,870.90
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	393.73	-	-	-	-	393.73
LPG	229,140.02	287.01	-	-	-	-	7,930.12	16,728.57	-	254,085.73
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	239.77	38.75	125.29	430.77	13,027.31	35,978.71	-	-	-	49,840.60
Biogas	1,208.93	-	-	-	-	-	173,511.00	-	-	174,719.93
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	-	-	-	-	-	-
Solar Thermal	-	-	-	-	-	-	-	-	-	-
Total	1,460,182.24	2,346.37	65,209.82	430.77	13,421.04	35,978.71	182,327.82	47,415.04	291,170.30	2,098,482.11

Total Urban Energy consumption (in GJ)

District: Sindhupalchowk

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	125,929.22	618.82	10,558.44	-	-	-	182.29	1,061.75	40,336.59	178,687.11
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	1,571.47	-	-	-	-	-	-	-	-	1,571.47
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	393.73	-	-	-	-	393.73
LPG	162,979.67	287.01	-	-	-	-	4,308.36	16,037.18	-	183,612.22
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	205.05	38.75	54.87	356.49	6,223.16	24,951.84	-	-	-	31,830.17
Biogas	222.66	-	-	-	-	-	-	-	-	222.66
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	-	-	-	-	-	-
Solar Thermal	-	-	-	-	-	-	-	-	-	-
Total	290,908.08	944.59	10,613.31	356.49	6,616.89	24,951.84	4,490.64	17,098.93	40,336.59	396,317.35

Total Rural Energy consumption (in GJ)

District: Sindhupalchowk

Economic sector: Residential

Purpose/Source	Cooking	Water boiling	Space heating	Space cooling	Lighting	Electrical appliances	Social occasion	Food and agro processing	Animal fed preparation	Total
Fuelwood	1,067,596.75	1,401.79	54,526.09	-	-	-	704.41	29,624.72	183,030.36	1,336,884.11
Animal dung	-	-	-	-	-	-	-	-	-	-
Agriculture residue	34,496.07	-	-	-	-	-	-	-	67,803.35	102,299.42
Coal	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-
LPG	66,160.35	-	-	-	-	-	3,621.77	691.39	-	70,473.51
Diesel	-	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-	-
Electricity	34.72	-	70.42	74.28	6,804.15	11,026.87	-	-	-	18,010.43
Biogas	986.27	-	-	-	-	-	173,511.00	-	-	174,497.27
Briquette	-	-	-	-	-	-	-	-	-	-
Wax	-	-	-	-	-	-	-	-	-	-
Solar PV	-	-	-	-	-	-	-	-	-	-
Solar Thermal	-	-	-	-	-	-	-	-	-	-
Total	1,169,274.16	1,401.79	54,596.51	74.28	6,804.15	11,026.87	177,837.18	30,316.11	250,833.71	1,702,164.75

Total Energy consumption (in GJ)

District: Bhaktapur

Economic sector: Commercial

Purpose/Source	Cooking	Water heating	Lighting	Space heating	Space cooling	Social event	Food and agro processing	Electrical appliances	Total
Fuelwood	-	-	-	-	-	922.10	-	-	922.10
Kerosene	-	-	-	-	-	-	-	-	-
LPG	279,410.91	23.75	-	-	-	8,548.42	-	-	287,983.08
Coal	-	-	-	-	-	-	-	-	-
Briquette	-	-	-	-	-	-	-	-	-
Biogas	-	-	-	-	-	-	-	-	-
Electricity	305.08	19,423.20	85.83	18,892.75	36,783.10	-	-	482,004.48	557,494.43
Solar Thermal	-	90.05	-	-	-	-	-	-	90.05
Total	279,715.99	19,537.00	85.83	18,892.75	36,783.10	9,470.53	-	482,004.48	846,489.66

Total Energy consumption (in G.J)

District: Chitwan

Economic sector: Commercial

Purpose/Source	Cooking	Water heating	Lighting	Space heating	Space cooling	Social event	Food and agro processing	Electrical appliances	Total
Fuelwood	24,360.00	-	-	-	-	-	-	-	24,360.00
Kerosene	-	-	-	-	-	-	-	-	-
LPG	245,804.58	-	-	-	-	-	-	-	245,804.58
Coal	1,831.58	-	-	-	-	-	-	-	1,831.58
Briquette	-	-	-	-	-	-	-	-	-
Biogas	-	-	-	-	-	-	-	-	-
Electricity	245.23	-	109.69	596.66	208,622.50	-	-	323,512.40	533,086.47
Solar Thermal	-	-	-	-	-	-	-	-	-
Total	272,241.39	-	109.69	596.66	208,622.50	-	-	323,512.40	805,082.63

Total Rural Energy consumption

District: Dhading

Economic sector: Commercial

Purpose/Source	Cooking	Water heating	Lighting	Space heating	Space cooling	Social event	Food and agro processing	Electrical appliances	Total
Fuelwood	26,984.57	-	-	-	-	-	-	-	26,984.57
Kerosene	-	-	-	-	-	-	-	-	-
LPG	6,246.42	-	-	-	-	-	-	-	6,246.42
Coal	-	-	-	-	-	-	-	-	-
Briquette	-	-	-	-	-	-	-	-	-
Biogas	-	-	-	-	-	-	-	-	-
Electricity	26.49	9,528.26	23.92	5,934.27	7,523.98	-	-	49,050.45	72,087.37
Solar Thermal	-	803.29	-	-	-	-	-	-	803.29
Total	33,257.47	10,331.55	23.92	5,934.27	7,523.98	-	-	49,050.45	106,121.65

Total Energy consumption

District: Dolakha

Economic sector: Commercial

Purpose/Source	Cooking	Water heating	Lighting	Space heating	Space cooling	Social event	Food and agro processing	Electrical appliances	Total
Fuelwood	11,152.58	-	-	-	-	-	-	-	11,152.58
Kerosene	-	-	-	-	-	-	-	-	-
LPG	22,643.23	-	-	-	-	-	-	-	22,643.23
Coal	-	-	-	-	-	-	-	-	-
Briquette	-	-	-	-	-	-	-	-	-
Biogas	-	-	-	-	-	-	-	-	-
Electricity	18.40	2,779.94	14.92	8,046.95	599.79	-	-	61,198.55	72,658.55
Solar Thermal	-	369.69	-	-	-	-	-	-	369.69
Total	33,814.21	3,149.63	14.92	8,046.95	599.79	-	-	61,198.55	106,824.05

Total Energy consumption
District: Kathmandu
Economic sector: Commercial

Purpose/Source	Cooking	Water heating	Lighting	Space heating	Space cooling	Social event	Food and agro processing	Electrical appliances	Total
Fuelwood	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-
LPG	2,399,856.44	6,954.72	-	-	-	-	-	-	2,406,811.16
Coal	242,413.69	-	-	-	-	-	-	-	242,413.69
Briquette	15,045.04	-	-	-	-	-	-	-	15,045.04
Biogas	-	-	-	-	-	-	-	-	-
Electricity	14,326.88	17,315.79	415.30	1,792.30	112,375.44	51,570.81	-	882,052.24	1,079,848.76
Solar Thermal	-	4,587.09	-	-	-	-	-	-	4,587.09
Total	2,671,642.05	28,857.60	415.30	1,792.30	112,375.44	51,570.81	-	882,052.24	3,748,705.75

Total Energy consumption
District: Kavrepalanchowk
Economic sector: Commercial

Purpose/Source	Cooking	Water heating	Lighting	Space heating	Space cooling	Social event	Food and agro processing	Electrical appliances	Total
Fuelwood	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-
LPG	15,340.83	24.10	-	-	-	-	-	-	15,364.93
Coal	-	-	-	-	-	-	-	-	-
Briquette	-	-	-	-	-	-	-	-	-
Biogas	-	-	-	-	-	0.00	-	-	0.00
Electricity	379.34	0.73	21.67	127.12	-	-	-	37,276.57	37,805.44
Solar Thermal	-	-	-	-	-	-	-	-	-
Total	15,720.17	24.83	21.67	127.12	-	0.00	-	37,276.57	53,170.37

Total Energy consumption

District: Lalitpur

Economic sector: Commercial

Purpose/Source	Cooking	Water heating	Lighting	Space heating	Space cooling	Social event	Food and agro processing	Electrical appliances	Total
Fuelwood	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-
LPG	217,023.19	-	-	-	-	-	-	-	217,023.19
Coal	41,177.44	-	-	-	-	-	-	-	41,177.44
Briquette	-	-	-	-	-	-	-	-	-
Biogas	-	-	-	-	-	-	-	-	-
Electricity	-	-	77.27	3,251.16	9,888.81	-	-	218,249.02	231,466.27
Solar Thermal	-	892.54	-	-	-	-	-	-	892.54
Total	258,200.63	892.54	77.27	3,251.16	9,888.81	-	-	218,249.02	490,559.44

Total Energy consumption

District: Makwanpur

Economic sector: Commercial

Purpose/Source	Cooking	Water heating	Lighting	Space heating	Space cooling	Social event	Food and agro processing	Electrical appliances	Total
Fuelwood	2,818.30	-	-	-	-	-	-	-	2,818.30
Kerosene	-	-	-	-	-	-	-	-	-
LPG	40,137.34	160.48	-	-	-	-	-	-	40,297.82
Coal	197.90	-	-	-	-	-	-	-	197.90
Briquette	-	-	-	-	-	-	-	-	-
Biogas	-	-	-	-	-	-	-	-	-
Electricity	3.13	5.64	40.23	1,768.75	28,430.32	-	-	171,050.10	201,298.16
Solar Thermal	-	-	-	-	-	-	-	-	-
Total	43,156.67	166.12	40.23	1,768.75	28,430.32	-	-	171,050.10	244,612.19

Total Energy consumption

District: Nuwakot

Economic sector: Commercial

Purpose/Source	Cooking	Water heating	Lighting	Space heating	Space cooling	Social event	Food and agro processing	Electrical appliances	Total
Fuelwood	18,424.36	-	-	-	-	-	-	-	18,424.36
Kerosene	-	-	-	-	-	-	-	-	-
LPG	75,750.55	-	-	-	-	-	-	-	75,750.55
Coal	240.82	-	-	-	-	-	-	-	240.82
Briquette	30.86	-	-	-	-	0.00	-	-	30.86
Biogas	-	-	-	-	-	-	-	-	-
Electricity	26.79	-	15.06	3,764.97	10,311.76	76.71	-	63,668.58	77,863.87
Solar Thermal	-	892.54	-	-	-	-	-	-	892.54
Total	94,473.37	892.54	15.06	3,764.97	10,311.76	76.71	-	63,668.58	173,203.00

Total Energy consumption

District: Ramechhap

Economic sector: Commercial

Purpose/Source	Cooking	Water heating	Lighting	Space heating	Space cooling	Social event	Food and agro processing	Electrical appliances	Total
Fuelwood	4,196.33	79.25	-	1,751.44	-	-	-	-	6,027.01
Kerosene	-	-	-	-	-	-	-	-	-
LPG	28,253.58	42.78	-	-	-	-	-	-	28,296.36
Coal	-	-	-	-	-	-	-	-	-
Briquette	-	-	-	-	-	-	-	-	-
Biogas	-	-	-	-	-	-	-	-	-
Electricity	14.95	86.40	1.15	-	333.85	-	-	1,694.12	2,130.47
Solar Thermal	-	-	-	-	-	-	-	-	-
Total	32,464.86	208.42	1.15	1,751.44	333.85	-	-	1,694.12	36,453.84

Total Energy consumption

District: Rasuwa

Economic sector: Commercial

Purpose/Source	Cooking	Water heating	Lighting	Space heating	Space cooling	Social event	Food and agro processing	Electrical appliances	Total
Fuelwood	5,674.87	3,205.87	-	187.25	-	0.00	-	-	9,067.99
Kerosene	-	-	-	-	-	-	-	-	-
LPG	26,129.43	88.55	-	-	-	-	-	-	26,217.98
Coal	-	-	-	-	-	4.98	-	-	4.98
Briquette	-	-	-	4.83	-	-	-	-	4.83
Biogas	-	-	-	-	-	-	-	-	-
Electricity	157.74	877.89	129.54	501.89	105.48	-	-	6,267.24	8,039.78
Solar Thermal	-	2,344.85	-	-	-	-	-	-	2,344.85
Total	31,962.04	6,517.17	129.54	693.98	105.48	4.98	-	6,267.24	45,680.42

Total Energy consumption

District: Sindhuli

Economic sector: Commercial

Purpose/Source	Cooking	Water heating	Lighting	Space heating	Space cooling	Social event	Food and agro processing	Electrical appliances	Total
Fuelwood	8,307.96	-	-	-	-	-	-	-	8,307.96
Kerosene	-	-	-	-	-	-	-	-	-
LPG	46,436.52	35.49	-	-	-	-	-	-	46,472.02
Coal	-	-	-	-	-	-	-	-	-
Briquette	-	-	-	-	-	-	-	-	-
Biogas	-	-	-	-	-	-	-	-	-
Electricity	55.85	535.97	12.37	8,356.03	-	-	-	64,432.98	73,393.21
Solar Thermal	-	-	-	-	-	-	-	-	-
Total	54,800.34	571.47	12.37	8,356.03	-	-	-	64,432.98	128,173.18

Total Energy consumption
District: Sindhupalchowk
Economic sector: Commercial

Purpose/Source	Cooking	Water heating	Lighting	Space heating	Space cooling	Social event	Food and agro processing	Electrical appliances	Total
Fuelwood	319.61	-	-	5,721.34	-	-	-	-	6,040.95
Kerosene	-	-	-	-	-	-	-	-	-
LPG	36,396.25	-	-	-	-	-	-	-	36,396.25
Coal	-	-	-	-	-	28.61	-	-	28.61
Briquette	-	-	-	1.21	-	-	-	-	1.21
Biogas	-	-	-	-	-	-	-	-	-
Electricity	71.47	286.38	2.94	1,145.27	916.00	-	-	24,432.38	26,854.44
Solar Thermal	-	-	-	-	-	-	-	-	-
Total	36,787.33	286.38	2.94	6,867.82	916.00	28.61	-	24,432.38	69,321.46

Total Energy consumption
District: Bhaktapur
Economic sector: Industrial

	Energy Consumption in TJ										
Purpose/Source	Fuelwood	Agriculture residue	Coal	Kerosene	Furnace oil	Diesel	LPG	Electricity	Petrol	Briquette	Total
Lighting								12.69			12.69
Space heating	-							0.15		-	0.15
Space cooling								0.92			0.92
Boiler	44.63	86.89	5.01	-	-	107.38	3.75	1.10			248.76
Process heat	158.02	44.90	258.49	-	-	1.17	-	38.54			501.11
Motive power						20.31		127.31	8.25		155.86
Ingeneration						0.02			-		0.02
Total	202.64	131.79	263.50	-	-	128.87	3.75	180.70	8.25	-	919.51

Total Energy consumption
District: Chitwan
Economic sector: Industrial

		Energy Consumption in TJ									
Purpose/Source	Fuelwood	Agriculture residue	Coal	Kerosene	Furnace oil	Diesel	LPG	Electricity	Petrol	Briquette	Total
Lighting								9.06			9.06
Space heating	4.38							0.24		0.01	4.63
Space cooling								0.47			0.47
Boiler	346.30	505.48	-	-	-	0.24	0.18	0.00			852.19
Process heat	485.86	-	675.29	-	-	-	4.81	19.02			1,184.99
Motive power						887.71		4.37	22.31		914.40
Ingeneration						973.90			-		973.90
Total	836.54	505.48	675.29	-	-	1,861.85	4.99	33.16	22.31	0.01	3,939.63

Total Energy consumption
District: Dhading
Economic sector: Industrial

Purpose/Source	Energy Consumption in TJ										Total
	Fuelwood	Agriculture residue	Coal	Kerosene	Furnace oil	Diesel	LPG	Electricity	Petrol	Briquette	
Lighting								3.44			3.44
Space heating	2.26							-		-	2.26
Space cooling								1.10			1.10
Boiler	-	-	-	-		-		-			-
Process heat	657.09	56.73	668.00	-	-	61.39	8.83	4.11			1,456.16
Motive power						5.68		114.20	-		119.88
Ingeneration						-			1.45		1.45
Total	659.35	56.73	668.00	-	-	67.08	8.83	122.84	1.45	-	1,584.28

Total Energy consumption
District: Dolakha
Economic sector: Industrial

Purpose/Source	Energy Consumption in TJ										Total
	Fuelwood	Agriculture residue	Coal	Kerosene	Furnace oil	Diesel	LPG	Electricity	Petrol	Briquette	
Lighting								0.10			0.10
Space heating	0.14							-		-	0.14
Space cooling								0.13			0.13
Boiler	17.62	-	-	-	-	-	-	-			17.62
Process heat	5.25	0.10	-	-	-	-	-	0.18			5.53
Motive power						-		1.37	-		1.37
Ingeneration						2.61			-		2.61
Total	23.01	0.10	-	-	-	2.61	-	1.78	-	-	27.50

Total Energy consumption
District: Kathmandu
Economic sector: Industrial

Purpose/Source	Energy Consumption in TJ										Total
	Fuelwood	Agriculture residue	Coal	Kerosene	Furnace oil	Diesel	LPG	Electricity	Petrol	Briquette	
Lighting								28.58			28.58
Space heating	0.89							12.46		-	13.35
Space cooling								5.57			5.57
Boiler	3,271.21	257.30	-	-	0.43	128.72	14.60	10.32			3,682.59
Process heat	706.42	59.19	6.85	293.38	3,039.47	1,360.09	26.82	626.56			6,118.79
Motive power						2,747.12		158.35	969.25		3,874.71
Ingeneration						111.05			3.47		114.52
Total	3,978.52	316.49	6.85	293.38	3,039.91	4,346.98	41.41	841.83	972.71	-	13,838.10

	Energy Consumption in TJ										
Purpose/Source	Fuelwood	Agriculture residue	Coal	Kerosene	Furnace oil	Diesel	LPG	Electricity	Petrol	Briquette	Total
Lighting								5.72			5.72
Space heating	-							0.15		-	0.15
Space cooling								-			-
Boiler	104.53	-	-	-	-	1.86	4.66	40.74			151.79
Process heat	360.61	5.18	-	-	-	-	0.33	9.59			375.72
Motive power						-		70.20	-		70.20
Ingeneration						0.15			-		0.15
Total	465.14	5.18	-	-	-	2.01	4.99	126.41	-	-	603.73

Total Energy consumption
District: Lalitpur
Economic sector: Industrial

Purpose/Source	Energy Consumption in TJ										
	Fuelwood	Agriculture residue	Coal	Kerosene	Furnace oil	Diesel	LPG	Electricity	Petrol	Briquette	Total
Lighting								15.71			15.71
Space heating	0.46							-		-	0.46
Space cooling								1.03			1.03
Boiler	574.57	-	-	-	-	-	-	0.90			575.48
Process heat	45.39	12.97	-	44.79	33.24	1,030.40	4.02	114.81			1,285.61
Motive power						329.81		138.44	17.43		485.68
Ingeneration						840.61			87.28		927.89
Total	620.43	12.97	-	44.79	33.24	2,200.81	4.02	270.89	104.71	-	3,291.86

Total Energy consumption
District: Makwanpur
Economic sector: Industrial

Purpose/Source	Energy Consumption in TJ										Total
	Fuelwood	Agriculture residue	Coal	Kerosene	Furnace oil	Diesel	LPG	Electricity	Petrol	Briquette	
Lighting								5.85			5.852
Space heating	-							5.58		-	5.579
Space cooling								4.51			4.507
Boiler	8.83	1.47	-	-	-	1,239.06	4.58	13.71			1267.644
Process heat	2.11	0.20	644.53	150.12	15.89	69.11	6.95	6.65			895.569
Motive power						69.44		422.72	-		492.162
Ingeneration						67.12			-		67.124
Total	10.941	1.664	644.533	150.123	15.889	1444.733	11.538	459.015	0.000	0.000	2738.437

Total Energy consumption
District: Nuwakot
Economic sector: Industrial

		Energy Consumption in TJ									
Purpose/Source	Fuelwood	Agriculture residue	Coal	Kerosene	Furnace oil	Diesel	LPG	Electricity	Petrol	Briquette	Total
Lighting								0.05			0.05
Space heating	0.00							-		-	0.00
Space cooling								0.01			0.01
Boiler	-	-	-	-	-	-	6.54	-			6.54
Process heat	0.02	0.04	1.80	-	-	-	-	-			1.86
Motive power						1.08		4.94	-		6.02
Ingeneration						-			-		-
Total	0.02	0.04	1.80	-	-	1.08	6.54	5.00	-	-	14.49

Total Energy consumption
District: Ramechhap
Economic sector: Industrial

Purpose/Source	Energy Consumption in TJ										Total
	Fuelwood	Agriculture residue	Coal	Kerosene	Furnace oil	Diesel	LPG	Electricity	Petrol	Briquette	
Lighting								0.00			0.00
Space heating	-							0.00		-	0.00
Space cooling								0.00			0.00
Boiler	-	-	-	-	-	-	-	-			-
Process heat	-	-	-	-	-	-	-	0.01			0.01
Motive power						0.19		0.00	0.17		0.36
Ingeneration						0.01			-		0.01
Total	-	-	-	-	-	0.19	-	0.01	0.17	-	0.38

Total Energy consumption
District: Rasuwa
Economic sector: Industrial

Economic Sector: Manufacturing											
Energy Consumption in TJ											
Purpose/Source	Fuelwood	Agriculture residue	Coal	Kerosene	Furnace oil	Diesel	LPG	Electricity	Petrol	Briquette	Total
Lighting								0.05			0.05
Space heating	0.01							-		-	0.01
Space cooling								-			-
Boiler	0.01	-	-	-	-	-	-	-			0.01
Process heat	-	-	-	-	-	-	-	-			-
Motive power						-		0.12	-		0.12
Ingeneration						-					-
Total	0.02	-	-	-	-	-	-	0.17	-	-	0.19

Total Energy consumption
District: Sindhuli
Economic sector: Industrial

Purpose/Source	Energy Consumption in TJ									
	Fuelwood	Agriculture residue	Coal	Kerosene	Furnace oil	Diesel	LPG	Electricity	Petrol	Briquette
Lighting								0.05		
Space heating	-							-		-
Space cooling								-		-
Boiler	-	-	-	-	-	-	-	-		-
Process heat	24.29	-	-	-	-	-	-	4.68		
Motive power						-		0.78	-	
Ingeneration						-			-	
Total	24.29	-	-	-	-	-	-	5.51	-	-
										29.80

Total Energy consumption
District: Sindhupalchowk
Economic sector: Industrial

Purpose/Source	Energy Consumption in TJ										Total
	Fuelwood	Agriculture residue	Coal	Kerosene	Furnace oil	Diesel	LPG	Electricity	Petrol	Briquette	
Lighting								0.06			0.06
Space heating	-							-		-	-
Space cooling								0.01			0.01
Boiler	-	-	-	-	-	-	-	-			-
Process heat	-	-	-	-	-	9.61	1.55	-			11.16
Motive power						-		1.69	-		1.69
Ingeneration						0.09			-		0.09
Total	-	-	-	-	-	9.71	1.55	1.76	-	-	13.01

District: Bhaktapur
Economic Sector: Agriculture

Total Energy Consumption in Small Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	11,149.98	17,367.59	3,309.47
Petrol	-	143.68	-
Electricity	-	236.29	-
Solar	-	48.20	-

Total Energy Consumption in Medium Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	3,178.08	1,422.04	74.74
Petrol	-	419.50	-
Electricity	-	118.35	-
Solar	-	-	-

Total Energy Consumption in Large Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	-	-	-
Petrol	-	-	-
Electricity	-	-	-
Solar			

District: Chitwan

Economic Sector: Agriculture

Total Energy Consumption in Small Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	89,580.72	1,513.13	13,176.96
Petrol	-	-	-
Electricity	-	30,438.32	-
Solar	-	160.90	-

Total Energy Consumption in Medium Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	52,485.24	2,099.83	10,975.42
Petrol	-	-	-
Electricity	-	9,930.32	-
Solar	-	247.70	-

Total Energy Consumption in Large Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	42,564.97	8,657.28	5,386.75
Petrol	-	-	-
Electricity	-	-	-
Solar	-	-	-

District: Dhading

Economic Sector: Agriculture

Total Energy Consumption in Small Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	31,871.11	-	-
Petrol	-	-	-
Electricity	-	3,131.45	-
Solar	-	-	-

Total Energy Consumption in Medium Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	32,440.83	-	-
Petrol	-	-	-
Electricity	-	-	-
Solar	-	-	-

Total Energy Consumption in Large Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	18,829.76	-	-
Petrol	-	-	-
Electricity	-	-	-
Solar	-	-	-

District: Kathmandu
Economic Sector: Agriculture

Total Energy Consumption in Small Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	21,323.45	-	-
Petrol	-	-	-
Electricity	-	-	-
Solar	-	-	-

Total Energy Consumption in Medium Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	10,569.81	-	-
Petrol	-	-	-
Electricity	-	-	-
Solar	-	-	-

Total Energy Consumption in Large Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	-	-	-
Petrol	-	-	-
Electricity	-	-	-
Solar	-	-	-

District: Kavreplanchowk
Economic Sector: Agriculture

Total Energy Consumption in Small Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	13,976.77	-	-
Petrol	-	-	-
Electricity	-	-	-
Solar	-	-	-

Total Energy Consumption in Medium Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	9,173.72	-	-
Petrol	-	-	-
Electricity	-	-	-
Solar	-	-	-

Total Energy Consumption in Large Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	22,530.20	-	-
Petrol	-	-	-
Electricity	-	-	-
Solar	-	-	-

District: Lalitpur
Economic Sector: Agriculture

Total Energy Consumption in Small Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	29,062.09	1,047.17	900.36
Petrol	-	-	-
Electricity	-	-	-
Solar	-	-	-

Total Energy Consumption in Medium Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	9,971.65	811.80	900.36
Petrol	-	-	-
Electricity	-	-	-
Solar	-	-	-

Total Energy Consumption in Large Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	-	-	-
Petrol	-	-	-
Electricity	-	-	-
Solar	-	-	-

District: Makwanpur
Economic Sector: Agriculture

Total Energy Consumption in Small Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	9,887.80	-	4,267.47
Petrol	-	-	-
Electricity	-	7,931.84	-
Solar	-	5,468.76	-

Total Energy Consumption in Medium Farm Area (GJ)

	5,699.18	1,850.82	2,725.83
Diesel	-	-	-
Petrol	-	55.03	-
Electricity	-	17.28	-
Solar	5,699.18	1,850.82	2,725.83

Total Energy Consumption in Large Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	10,510.85	-	5,679.77
Petrol	-	-	-
Electricity	-	-	-
Solar	-	-	-

District: Nuwakot

Economic Sector: Agriculture

Total Energy Consumption in Small Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	14,045.20	-	-
Petrol	-	-	-
Electricity	-	-	-
Solar	-	-	-

Total Energy Consumption in Medium Farm Area (GJ)

	25,379.90	-	8,821.85
Diesel	-	-	-
Petrol	-	169.35	-
Electricity	-	241.92	-
Solar	25,379.90	-	8,821.85

Total Energy Consumption in Large Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	17,111.98	-	-
Petrol	-	-	-
Electricity	-	-	-
Solar	-	-	-

District: Ramechhap
Economic Sector: Agriculture

Total Energy Consumption in Small Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	41.78	5,181.22	-
Petrol	-	-	-
Electricity	-	-	-
Solar	-	-	-

Total Energy Consumption in Medium Farm Area (GJ)

	0.00	0.00	-
Diesel	-	-	-
Petrol	-	-	-
Electricity	-	-	-
Solar	0.00	0.00	-

Total Energy Consumption in Large Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	0.00	-	-
Petrol	-	-	-
Electricity	-	-	-
Solar	-	-	-

District: Sindhuli

Economic Sector: Agriculture

Total Energy Consumption in Small Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	16,950.34	-	14,853.29
Petrol	-	-	-
Electricity	-	1,476.24	-
Solar	-	-	-

Total Energy Consumption in Medium Farm Area (GJ)

	9,814.71	-	4,623.49
Diesel	-	-	-
Petrol	-	547.64	-
Electricity	-	-	-
Solar	9,814.71	-	4,623.49

Total Energy Consumption in Large Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	-	-	4,263.36
Petrol	-	-	-
Electricity	-	-	-
Solar	-	-	-

District: Sindhupalchowk
Economic Sector: Agriculture

Total Energy Consumption in Small Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	13,909.69	-	-
Petrol	-	-	-
Electricity	-	697.04	-
Solar	-	-	-

Total Energy Consumption in Medium Farm Area (GJ)

	3,000.40	-	-
Diesel	-	-	-
Petrol	-	189.73	-
Electricity	-	-	-
Solar	3,000.40	-	-

Total Energy Consumption in Large Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	-	-	-
Petrol	-	-	-
Electricity	-	-	-
Solar	-	-	-

District: Dolakha

Economic Sector: Agriculture

Total Energy Consumption in Small Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	18,604.31	-	-
Petrol	-	-	-
Electricity	-	-	-
Solar	-	0.71	-

Total Energy Consumption in Medium Farm Area (GJ)

	13,514.12	-	-
Diesel	-	-	-
Petrol	-	-	-
Electricity	-	0.00	-
Solar	13,514.12	-	-

Total Energy Consumption in Large Farm Area (GJ)

	Tillage	Irrigation	Threshing
Diesel	-	-	-
Petrol	-	-	-
Electricity	-	-	-
Solar	-	-	-

Total Energy consumption

Province: Bagmati

Economic sector: Construction and mining

Fuelwood(GJ)	Coal(GJ)	Kerosene(GJ)	LPG(GJ)	Furnace oil(GJ)	Petrol(GJ)	Diesel(GJ)	Electricity(GJ)	Total
11,121.2	0	0	68,344.9	602.5	89,36.8	676,410.1	12,111.141	862427.7

