



Did you know that...

...industry sector is the major consumer of electric energy in Davao Region?

Statistics from the Department of Energy – Mindanao Field Office (DOE) showed that for the past five years, industry sector is the major consumer of electric energy in Davao region with an estimated average consumption share of 49.3% from 2001 to 2005 (Tab.1 and Fig. 1). In 2005, industry sector consumed 920,203 megawatt-hours electricity of which 83.9% was consumed by Davao City (Tab. 2). According to the DOE, data includes the consumption of the Holcim Cement, a major industry in the city, which had an estimated consumption share of 17.5%.

Table 1. Electric Energy Consumption, by Type of Consumer, Region XI, CY 2001-2005 (in megawatts)

Type of Consumer	2001	2002	2003	2004	2005
Total	1,653,165	1,556,723	1,649,840	1,809,993	1,824,403
Public					
Lightings	65,892	45,279	47,314	50,942	45,066
Residential	578,780	501,998	573,920	629,851	618,589
Commercial	241,629	206,818	221,734	239,823	240,546
Industrial	766,865	802,628	806,872	889,377	920,203

Source: Department of Energy – Mindanao Field Office

Second major consumer of electric energy was residential or housing sector with 34.2 percent average consumption share from 2001 to 2005 (Tab. 1 and Fig. 1). In the same time frame, commercial and public lightings, being the least type of consumers, had 13.6 and 3.0 percent consumption shares, respectively.

Figure 1. Percentage Share of Electric Energy Consumption by Type of Consumer, Region XI, 2001-2005 (in percent)

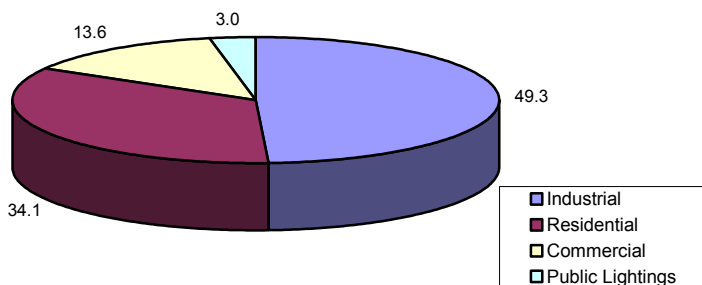


Table 2. Electric Energy Consumption, by Type of Consumer and by Rural Electric Cooperative/Private Electric Utility, Region XI, CY 2005 (in megawatts)

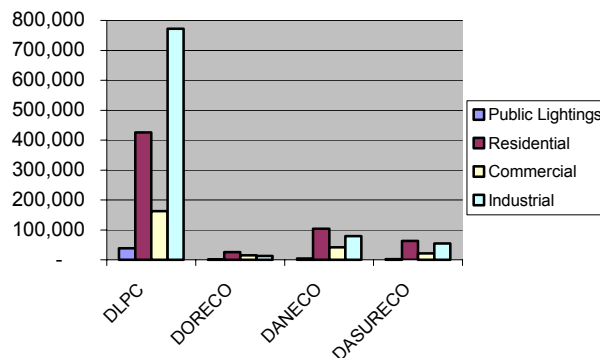
Type of Consumer	Region XI	DLPC	DORECO	DANECO	DASU-RECO
Total	1,824,403	1,399,123	54,562	228,908	141,811
Public					
Lightings	45,066	38,252	988	3,864	1,961
Residential	618,589	425,721	25,471	104,097	63,299
Commercial	240,546	162,833	14,803	41,309	21,601
Industrial	920,203	772,316	13,301	79,638	54,949

Source: Department of Energy – Mindanao Field Office

- DLPC - Davao Light and Power Co., Inc.; caters to Davao City, Panabo City, Carmen, B. Dujali and Santo Tomas
- DORECO - Davao Oriental Electric Cooperative; caters to the municipalities of Davao Oriental
- DANECO - Davao del Norte Electric Cooperative; caters to the municipalities of Compostela Valley and Davao del Norte except Panabo, Carmen, B. Dujali, and Santo Tomas

DASURECO - Davao del Sur Electric Cooperative; caters to the municipalities of Davao del Sur.

Figure 2. Electric Energy Consumption by type of Consumer and by Electric Cooperative/Private electric Utility, Region XI, CY 2005 (in megawatts)



Meanwhile, 76.7 percent of the total electric energy in the region was consumed by Davao City in 2005 (Tab. 2 and Fig. 2) with industry sector as the highest consumer. In Davao del Norte and Compostela Valley Province, which were being served by DANECO, however, the residential sector, with 45.5 percentage share, was the leading consumer. In Davao del Sur and Davao Oriental, the residential sector was also the prime consumer of electricity with 44.6 and 46.7 percent consumption shares, respectively. On the average, electric energy consumption in Davao region grew by 1.99 percent annually from 2001 to 2005.

Table 3. Sales of Electricity, Region XI, 2003-2005 (in pesos)

Name of Cooperative	2003	2004	2005
Total	4,847,722,369	6,125,748,993	7,861,236,454
DLPC	3,613,659,268	4,542,043,813	5,906,711,678
DORECO	186,579,313	214,621,595	256,682,137
DANECO	641,928,734	854,681,029	1,066,556,197
DASURECO	405,555,053	514,402,555	631,286,443
Estimated Average Price per Kilowatt-hour			
Region XI	2.94	3.38	4.31
Growth Rates of Estimated Average Price per kwh			
Region XI	-	15.18	27.32

Source: Rural Electric Cooperatives and Private Electric Utility

Data from rural and private electric companies shows that the total sales of electricity in Davao region reached 7.9 billion pesos in 2005 compared to 6.1 billion pesos in 2004 (Tab. 3). This means that if we had a total consumption of 1,824,403,413 kilowatt-hours (kwh) in 2005, then the estimated average price of electricity per kwh would have been Php4.31 in the region. And if we had a total consumption of 1,809,992,512 kwh in 2004, then the estimated average price of electricity would have been Php3.38 per kwh. Thus, estimated price of electricity in the region had a growth rate of a hefty 27.32 percent in period 2004-2005.

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