

Ligao City Water District
Natera st, Dunaog, Ligao City
BENEFICIARIES FROM PROJECTS AND PROGRAMS

	Year 2018	Year 2019	Year 2020	Year 2021	Year 2022
Population/ Customer Profile	Base Year				
Population in the Franchise Area	81,315.00	82,940.00	84,459.00	85,978.00	87,497.00
Population Served by others	1,560.00	1,636.00	1,712.00	1,788.00	1,864.00
Servicable Population	79,963.00	81,531.00	83,099.00	84,667.00	86,235.00
Population Served by Registered Connections	66,051.00	68,570.00	71,089.00	73,608.00	76,127.00
Unserviced Population	15,203.00	14,880.00	14,557.00	14,234.00	13,911.00
% of Population Provided Water Service	83%	84%	85%	86%	87%
Registered Water Connection					
Registered Active Household Connections					
Metered HH Connections	10,049.00	10,423.00	10,797.00	11,171.00	11,545.00
No. of New Metered HH Connections per year	661.00	728.00	795.00	862.00	929.00
Registered Active Comm./Ind. Connections					
Metered Connections	239.00	303.00	367.00	431.00	495.00
No. of New Metered CE Connections per year					
Registered Active Government Connections					
Metered Connections					
No of New Metered Gov Connection per year					
Increase in Active Connections	697.00	776.00	855.00	934.00	1,013.00
Total No. of Active Connections	10,179.00	10,528.00	10,877.00	11,226.00	11,575.00
% Increase-Active Connections	43%	51%	59%	67%	69%
Service Connections					
New Connections	446.00	446.00	446.00	446.00	446.00
Disconnection	255.00	255.00	255.00	255.00	255.00
Reconnection	283.00	291.00	299.00	307.00	315.00
Retention Rate (% of Recons. /Discons)	98%	98%	98%	98%	98%
Total Water Sales - Volume					
Total Household Volume (m3/year)					
Metered HH Water Sales	1,289,446.00	1,337,475.00	1,385,504.00	1,433,533.00	1,481,562.00

Non-Metered HH Water Sales	-	-	-	-	-
Total Institutional Volume (m3/year)					
Metered water Sales	131,621.00	136,538.00	141,455.00	146,372.00	151,289.00
Non-Metered Water Sales	-	-	-	-	-
Total Comm./Ind. Volume (m3/year)					
Metered water Sales	260,349.00	268,177.00	276,005.00	283,833.00	291,661.00
Non-Metered Water Sales	-	-	-	-	-
Total water Sales-Volume	1,688,154.00	1,685,154.00	1,691,154.00	1,694,154.00	1,697,154.00
5 Increase (WS-Volume)	22%	26%	16%	17%	17%
Per Capital Demand for Business Plan (l/c/D)					
Household (100-120)					
Institutional (15-25)					
Commercial (15-30)					
Per Connection Demand (m3/Day)	5,019.00	5,197.00	5,375.00	5,553.00	5,731.00
Bulk Water Sales (m3/Day)	-	-	-	-	-
Total Water Demand (Avg m3/Day)	5,019.00	5,197.00	5,375.00	5,553.00	5,731.00
Produced Water (m3/Day)	-	-	-	-	-
Purchased Water (m3/Day)	9,500.00	10,000.00	10,500.00	11,000.00	11,500.00
Water Pressure @ measuring Points	7 psi	8 psi	9 psi	10 psi	10.5 psi

Projected population Increase
Projected Household Connection Increase (%)
Projected Commercial Connection Increase (%)
Projected Government Connection Increase (%)
Number of People per Connection

1%
2%
3%
5%
7%