

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

	Year 2023	Year 2024	Year 2025	Year 2026	Year 2027
	Base Year				
Population/ Customer Profile					
Population in the Franchise Area	89,016.00	90,535.00	92,054.00	93,573.00	95,092.00
Population Served by others	1,940.00	2,016.00	2,092.00	2,168.00	2,244.00
Servicable Population	87,803.00	89,371.00	90,939.00	92,507.00	94,075.00
Population Served by Registered Connections	78,646.00	81,165.00	83,684.00	86,203.00	88,722.00
Unserved Population	13,588.00	13,265.00	12,942.00	12,619.00	12,296.00
% of Population Provided Water Service	85%	86%	87%	88%	89%
Registered Water Connection					
Registered Active Household Connections					
Metered HH Connections	11,919.00	12,293.00	12,667.00	13,041.00	13,415.00
No. of New Metered HH Connections per year	996.00	1,063.00	1,130.00	1,197.00	1,264.00
Registered Active Comm./Ind. Connections			-		
Metered Connections	509.00	523.00	537.00	551.00	565.00
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	1,092.00	1,171.00	1,250.00	1,329.00	1,408.00
Total No. of Active Connections	11,924.00	12,273.00	12,622.00	12,971.00	13,320.00
% Increase-Active Connections	71%	73%	75%	77%	79%
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	323.00	325.00	325.00	325.00	325.00
Retention Rate (% of Recons. /Discons)	98%	98%	98%	98%	98%
Total Water Sales - Volume					
Total Household Volume (m3/year)					
Metered HH Water Sales	1,529,591.00	1,577,620.00	1,625,649.00	1,673,678.00	1,721,707.00
Non-Metered HH Water Sales	-	-			
Total Institutional Volume (m3/year)					
Metered water Sales	156,206.00	161,123.00	166,040.00	170,957.00	175,874.00
Non-Metered Water Sales	-				
Total Comm./Ind. Volume (m3/year)					
Metered water Sales	299,489.00	307,317.00	315,145.00	322,973.00	330,801.00
Non-Metered Water Sales	-		-		-
Total water Sales-Volume	1,700,154.00	1,703,154.00	1,706,154.00	1,709,154.00	1,712,154.00
5 Increase (WS-Volume)	17%	17%	17%	17%	0.17
Per Capital Demand for Business Plan (l/c/D)					
Household (100-120)					
Institutional (15-25)					
Commercial (15-30)					
Per Connection Demand (m3/Day)	5,909.00	6,087.00	6,265.00	6,443.00	6,621.00
Bulk Water Sales (m3/Day)	-	-	-		-
Total Water Demand (Avg m3/Day)	5,909.00	6,087.00	6,265.00	6,443.00	6,621.00
Produced Water (m3/Day)	-	-	-		-
Purchased Water (m3/Day)	12,000.00	12,500.00	13,000.00	13,500.00	14,000.00
Water Pressure @ measuring Points	11psi	11.5psi	12 psi	12.5 psi	13 psi

Projected population Increase	1%
Projected Household Connection Increase (%)	2%
Projected Commercial Connection Increase (%)	3%
Projected Government Connection Increase (%)	5%
Number of People per Connection	7%