

6. 석유류 소비량 Petroleum Consumption

단위 : kl			Unit : kl			
연도별	합 계	휘발유	등 유	경 유	LPG	병커C유
Year	Total	Gasoline	Kerosene	Diesel	Liquefied petroleumgas	Bunker
2008	692,264	65,947	30,796	199,662	84,906	219,185
2009	474,181	68,266	22,855	175,268	49,262	158,530
1월	40,334	5,172	3,516	11,206	4,906	15,534
2월	41,076	4,990	3,107	11,881	4,485	16,613
3월	36,482	5,313	1,606	14,972	4,154	10,437
4월	39,300	5,622	1,098	14,055	4,138	14,387
5월	36,645	5,663	1,031	12,705	4,475	12,771
6월	36,110	5,506	951	16,866	4,180	8,607
7월	36,641	5,318	712	12,517	3,241	14,853
8월	42,784	6,578	892	17,943	2,865	14,506
9월	37,840	6,148	1,179	16,033	2,927	11,553
10월	39,623	6,458	2,998	15,846	4,614	9,707
11월	47,254	5,662	2,096	16,473	4,445	18,578
12월	40,092	5,836	3,669	14,771	4,832	10,984

자료 : 한국석유공사, 지역경제과 Source : Division of Local Economy, Korea National Oil Corporation
주 : 기타는 경질중유, 중유, 제트유등 포함

VIII. 전기, 가스, 수도
ELECTRICITY, GAS, WATER-SUPPLY

Ⅷ. 전기, 가스, 수도 ELECTRICITY, GAS, WATER-SUPPLY

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1. 용도별 전력사용량

단위 : MWh

연월 Year& month	합 계		가 정 용		공 공 용		서비스업용	
	Total	점유율(%) percentage	Residential	점유율(%) percentage	Public	점유율(%) percentage	Service	점유율(%) percentage
2001	3,047,458	100	211,676	7.0	89,216	3.0	378,278	12.4
2002	3,199,513	100	224,598	7.0	93,330	2.9	440,813	13.8
2003	3,360,913	100	227,473	6.7	95,442	2.8	473,616	13.8
2004	3,594,463	100	244,173	6.8	103,212	2.9	487,333	13.6
2005	3,776,650	100	254,349	6.7	109,926	2.9	519,432	13.8
2006	4,040,145	100	262,701	7.0	117,587	3.0	558,384	14.0
2007	4,369,263	100	272,450	6.3	120,962	2.8	605,189	13.8
2008	4,793,243	100	286,747	6.3	124,639	2.8	645,143	13.5
2009	5,240,627	100	307,664	6	128,780	3	662,793	13
1월	372,689	100	27,711	7.4	12,046	3.2	73,645	19.3
2월	356,925	100	27,635	7.7	11,249	3.2	69,989	19.6
3월	384,141	100	24,325	6.3	11,144	2.9	62,798	16.3
4월	402,303	100	25,375	6.3	10,823	2.7	58,716	14.6
5월	392,609	100	24,272	6.2	8,809	2.2	48,588	12.4
6월	411,372	100	24,288	5.9	9,374	2.3	44,951	10.9
7월	432,998	100	24,090	5.6	10,633	2.5	45,825	10.6
8월	460,855	100	26,429	5.7	11,406	2.5	49,337	10.7
9월	511,196	100	25,831	5.1	11,609	2.3	47,099	9.2
10월	482,595	100	24,103	5.0	9,136	1.9	42,863	8.9
11월	506,657	100	26,101	5.2	10,185	2.0	52,764	10.4
12월	526,287	100	27,504	5.2	12,366	2.3	66,218	12.6

자료 : 한국전력공사 군산지사

Electric Power Consumption by Use

Unit : MWh

소 계		농림수산업용		광업용		제조업용	
Total	점유율(%) percentage	Agriculture, forestry & fishing	점유율(%) percentage	Mining	점유율(%) percentage	Manufac - turing	점유율(%) percentage
2,368,289	77.8	30,551	1.0	5,334	0.3	2,332,404	76.5
2,440,772	76.3	26,581	0.8	4,912	0.2	2,409,279	75.3
2,564,382	76.3	20,196	0.6	3,828	0.1	2,540,358	75.9
2,759,745	76.8	26,400	0.7	3,874	0.1	2,729,471	75.9
2,892,943	76.6	29,016	0.8	4,307	0.1	2,859,620	75.7
3,101,473	77.0	30,921	1.0	3,555	-	3,066,998	76.0
3,370,652	77.2	33,711	0.8	2,819	0.1	3,334,122	76.3
3,736,714	78.0	37,718	1.0	3,013	0.1	3,695,882	98.9
4,141,390	79	46,501	1	2,959	-	4,091,930	78
259,287	69.5	2,039	0.5	332	0.1	256,916	68.9
248,052	69.5	2,621	0.7	277	0.1	245,154	68.7
285,874	74.4	2,762	0.7	270	0.1	282,842	73.6
307,389	76.4	3,181	0.8	303	0.1	303,905	75.5
310,940	79.3	5,413	1.4	231	0.1	305,296	77.8
332,759	80.9	6,520	1.6	304	0.1	325,935	79.2
352,450	81.4	3,408	0.8	194	-	348,848	80.6
373,683	81.1	4,932	1.1	217	-	368,534	80.0
426,657	83.4	5,043	1.0	223	-	421,391	82.4
406,493	84.2	2,579	0.5	172	-	403,742	83.7
417,607	82.4	4,615	0.9	191	-	412,801	81.5
420,199	79.8	3,388	0.6	245	-	416,566	79.2

Source : Gunsan Office of Korea Electric Power Corporation

2. 제조업 중분류별 전력사용량

단위 : MWh

연별 및 월별 Year & month	합 계 Total	음식료품 및 담배제조업 Food beverages & tobacco	섬유의복 및 가죽업 Textile wearing apparel & leather industry	나무 및 나무제품 제조업(가구포함) Wood & wood products (including furniture)	종이 및 종이제품제조업 인쇄 및 출판업 Paper & paper products, printing & publishing
2001	2,332,404	491,113	11,456	104,700	295,298
2002	2,408,966	484,412	13,276	106,855	291,131
2003	2,540,358	508,424	12,841	110,142	317,523
2004	2,729,467	642,425	14,308	108,457	285,426
2005	2,859,620	659,071	14,201	105,338	266,735
2006	3,066,998	635,373	13,423	100,598	260,881
2007	3,334,122	528,403	13,124	108,252	264,402
2008	3,695,882	395,759	14,178	111,307	255,626
2009	4,091,930	387,467	19,815	126,439	257,089
1월	256,916	21,358	1,428	8,019	21,346
2월	245,154	24,588	1,358	8,628	17,881
3월	282,842	30,774	1,495	9,737	21,265
4월	303,905	30,323	1,691	9,600	21,785
5월	305,296	32,977	1,595	9,787	22,276
6월	325,935	33,957	1,753	9,728	22,897
7월	348,848	37,858	1,872	9,658	22,531
8월	368,534	29,425	1,656	9,477	22,754
9월	421,391	38,825	1,773	10,000	21,629
10월	403,742	37,007	1,647	20,801	20,817
11월	412,801	35,837	1,761	10,359	21,075
12월	416,566	34,538	1,786	10,645	20,833

자료 : 한국전력공사 군산지사

Electric Power Consumption by Division of Industry

Unit : MWh

화학물과 화학,석유,석탄 고무 및 플라스틱제품업 Chemical, Petroleum coal, rubber & plastic products	비금속광물제품 제조업 (석유및석탄제품제외) Non-metallic mineral products	제1차 금속산업 Basic metal Industries	조립 및 금속제품 기계 및 장비제조업 Fabricated metal products, machinery & equipments	기타 제조업 Others manufacturing industry
491,612	218,663	590,940	128,026	596
526,371	201,916	670,517	7,064	107,424
558,908	224,265	644,725	88,587	74,942
555,777	216,616	739,159	8,284	159,015
576,623	228,437	833,889	13,660	161,666
589,429	233,249	1,034,440	13,413	186,192
636,128	248,588	1,308,243	14,604	212,378
613,167	246,075	1,401,040	21,919	636,811
494,299	2,959	1,531,603	27,225	1,245,034
34,947	332	73,734	2,262	93,490
35,343	277	76,427	2,380	78,272
38,720	270	87,572	2,429	90,580
40,621	303	98,398	2,248	98,936
43,279	231	93,962	1,926	99,263
43,049	304	108,319	1,815	104,113
43,453	194	125,381	2,083	105,818
40,481	217	148,842	2,171	113,511
43,602	223	185,662	2,229	117,448
43,224	172	175,842	2,247	101,985
42,680	191	179,696	2,534	118,668
44,900	245	177,768	2,901	122,950

Source : Gunsan Office of Korea Electric Power Corporation

3. 가스공급량

단위 : 개소

연월별 Year & month	도시가스 Liquefied natural gas(LNG)		프로판
	판매소수 Number of selling stores	판매량(1000㎥) Amount sold	판매소수 Number of selling stores
2001	1	45,971	36
2002	1	54,980	38
2003	1	60,237	38
2004	1	73,032	38
2005	1	79,732	36
2006	1	125,549	33
2007	1	168,872	36
2008	1	172,314	36
2009	1	178,234	36
1월	1	17,525	36
2월	1	16,700	36
3월	1	16,313	36
4월	1	14,950	36
5월	1	12,051	36
6월	1	10,974	36
7월	1	11,056	36
8월	1	11,091	36
9월	1	12,794	36
10월	1	13,368	36
11월	1	18,707	36
12월	1	22,705	36

자료 : 지역경제과

Gas Supply

unit : place

Propane gas (LPG)	부탄 Butane gas	
판매량(t) Amount sold	판매소수 Number of selling stores	판매량(t) Amount sold
8,773	9	30,122
8,430	10	26,686
8,224	10	27,835
7,424	13	28,936
6,870	13	28,997
10,603	13	27,237
10,402	14	27,096
10,179	15	29,203
25,480	16	31,423
1,938	15	2,968
1,818	15	2,667
1,482	15	2,672
132	15	2,757
1,437	15	3,038
1,494	15	2,686
1,138	15	2,103
759	15	2,106
1,000	15	1,927
1,620	16	2,993
1,678	16	2,767
10,984	16	2,739

Source : Division of Local Economy

4. 상수도

단위 : 명

연 별 Year	총 인 구 Population	급 수 인 구 Water-supply population	
			보 급 륜 (%) Water-supply rate
2001	277,680	237,687	85.6
2002	273,086	235,037	86.1
2003	269,865	236,456	87.6
2004	266,541	236,265	88.6
2005	264,750	235,318	88.9
2006	263,194	241,153	91.6
2007	263,213	242,651	92.3
2008	267,146	243,399	92.1
2009	270,329	249,223	92.2

자료 : 수도과
주 : 공업용수 제외

5. 상수도관

단위 : m

연 별 Year	합계 Total	도수관 Aqueduct pipe				송수관 Transmission pipe				배수관
			강관 Steel	주철관 Castiron	기타 Others		강관 Steel	주철관 Castiron	기타 Others	
2001	1,181,012	-	-	-	-	39,910	4,467	27,604	1,066	600,712
2002	1,280,511	-	-	-	-	69,695	8,325	28,288	1,066	674,312
2003	1,365,983	-	-	-	-	69,695	8,325	28,453	1,066	713,640
2004	1,387,651	-	-	-	-	69,695	8,325	28,580	1,066	710,032
2005	1,427,044	8,926	-	8,926	-	29,045	8,325	19,654	1,066	720,684
2006	1,479,593	8,926	-	8,926	-	29,045	8,325	19,645	1,066	738,611
2007	1,543,364	8,926	-	8,926	-	29,045	8,325	19,654	1,066	771,508
2008	1,596,426	8,926	-	8,926	-	27,979	8,325	19,654	-	797,569
2009	1,475,156	8,926	-	8,926	-	27,979	8,325	19,654	1,023	810,958

자료 : 수도과
주 : 1) 합성수지관은 PVC, PE, Hi-3P 포함
2) 2008년 자료는 검수시설 용량임

Public Water Services

단위 : 명

시설용량 (㎥/일) Water-supply capacity	급 수 량 (㎥/일) Amount of water supplied	1일1인당 급수량(ℓ) Water supply amount per person a day	급 수 전 수 Number of faucets
131,800	120,585	507	41,386
320,000	115,620	492	41,856
213,200	124,430	526	42,314
188,200	125,584	532	42,746
213,200	118,525	504	42,796
68,000	113,997	479	43,192
68,000	101,465	418	43,851
182,100	168,862	692	44,946
182,100	172,243	691	45,809

Source : Division of Water works

Public Water Pipe

Unit : m

Conduit pipe			급 수 관 Water supply pipe						
강 관 Steel	주철관 Castiron	기 타 Others		아연도강관 Galvanized steel	주 철 관 Castiron	동관 Copper	스텐레스관 Stainless steel	합성수지관 Plastic	기 타 Others
1,106	344,085	255,521	547,163	50,732	25,334	2,500	46,756	413,805	8,036
1,014	394,453	278,845	568,520	50,732	25,797	2,500	46,756	434,699	8,036
1,014	412,145	300,481	614,499	50,732	25,797	2,500	46,756	480,678	8,036
904	408,110	301,018	639,648	50,545	26,751	2,500	46,726	505,090	8,036
904	406,521	313,259	668,389	50,440	27,779	2,500	46,722	532,912	8,036
904	406,110	331,597	703,011	50,440	27,779	2,500	47,972	574,320	-
904	426,726	343,878	733,885	50,440	27,779	2,500	47,972	605,194	-
-	422,058	375,511	761,952	50,440	5,500	2,500	47,972	619,284	-
-	427,409	383,549	627,293	25,106	28,063	-	72,870	122,373	378,881

Source : Division of Water works
Note : Including PVC, PE, HI-3P

6. 급수 사용량

단위 : m³

연 별 Year	합 계 Total	가 정 용 Domestic	업 무 용 Affair
2001	47,684,000	14,340,000	3,413,000
2002	46,123,000	14,136,000	3,346,000
2003	46,166,000	14,159,000	3,366,000
2004	47,849,000	14,327,000	4,330,000
2005	46,413,041	14,340,704	4,096,707
2006	22,389,817	14,516,908	3,787,593
2007	45,595,409	14,527,137	3,819,020
2008	47,672,812	14,882,577	3,631,927
2009	49,467,405	15,526,852	7,815,087

자료 : 수도과

7. 급수사용료 부과

단위 : 천원

연 별 Year	합 계 Total	가 정 용 Domestic	업 무 용 Affair
2001	25,373,365	7,343,067	3,572,011
2002	27,940,739	8,090,094	3,960,313
2003	31,554,251	9,098,827	4,548,527
2004	31,441,027	9,393,827	6,271,625
2005	30,217,279	9,270,312	5,925,310
2006	21,464,718	9,349,524	5,384,351
2007	31,446,224	9,917,862	6,574,198
2008	33,722,112	10,429,263	5,725,793
2009	34,522,384	11,172,885	12,618,497

자료 : 수도과

주 : 96년부터 종전 공공용등을 업무용으로, 영업용 1,2종을 영업용 등으로, 공업용을 전용공업용으로 전환

Consumption of Water Supplied

Unit : m³

영업용 Business	욕탕용 1종 Bathroom Class 1	욕탕용 2종 Bathroom Class 2	전용공업용 Industrial	기 타 Others
3,892,000	508,000	-	25,531,000	-
3,933,000	563,000	-	24,145,000	-
3,933,000	563,000	-	24,145,000	-
3,661,000	522,000	-	25,009,000	-
3,607,595	441,593	-	23,926,442	-
3,646,509	438,807	-	-	-
3,609,475	426,636	-	23,213,141	-
4,112,678	407,204	-	24,638,426	-
-	431,486	-	25,693,980	-

Source : Division of Water works

Charges for Water Consumption

Unit : 1000won

영업용 Business	욕탕용 1종 Bathroom Class 1	욕탕용 2종 Bathroom Class 2	전용공업용 Industrial	기 타 Others
5,341,763	579,322	-	8,537,202	-
5,963,086	748,768	-	9,178,478	-
6,257,091	836,911	-	10,812,895	-
6,214,354	800,589	-	8,760,632	-
5,975,236	668,788	-	8,377,633	-
6,056,140	674,703	-	-	-
5,517,350	689,161	-	8,747,653	-
7,276,400	674,356	-	9,616,300	-
-	700,643	-	10,030,359	-

Source : Division of Water works

Note : From '96 public use changed as business use, 1st and 2nd class of operation use changed as operation use, industrial use changed as special industry use.

8. 하수도 인구 및 보급률

단위 : 명, km², %

연 별 Year	수 계 Water System	특별대책 지 역 Special masure Area	총인구 (명) Total Population	총면적 (km²) Total Area	하수처리구역 내 Inner area of sewage treatment			
					하수 종말처리인구(명) Population of Benefiting from Sewage			
					1차 처리 Mechanic (b1)	2차 처리 Biological (b2)	3차 Advanced (b3)	
2005	금강서해	...	264,750	382.23	216,721	-	216,721	-
2006	금강서해	...	263,194	382.26	216,064	-	216,064	-
2007	금강서해	...	263,213	390.08	216,886	-	216,886	-
2008	금강서해	...	267,146	390.1	230,499	-	221,108	9,391
2009	금강서해	...	270,329	390.2	239,543	-	238,675	-

자료 : 하수과

9. 하수사용료 부과

단위 : 백만원

연 별 Year	업종별 하수사용료 Charges for Use of Sewage Facilities							
	가정용	업무용	영업용	욕탕용1종 Bath house Class1	욕탕용2종 Bath house Class2	산업용	기 타	
	Domestic	Affair	Business			Industrial	Others	
2006	4,550	1,652	...	188	2,522	...	188	...
2007	5,698	1,653	...	1,064	189	...	709	2,083
2008	6,367	3,282	804	1,725	57	-	499	-
2009	5,648	1,710	354	884	55	-	247	2,398

자료 : 하수과

Sewage Population and Distribution rate

Unit : Person, km², %

하수처리구역 내 Inner area of sewage treatment					하수처리구역 외 Outer area of sewage treatment				하수도 보급률 (%) Distribu- tionrate of Sewage
폐수 종말처리인구(명) Population of Benfiting from Waste water				면적 (km²) Area	인구(명) Population		면적 (km²) Area		
1차 처리 Mechanic(b1)	2차 처리 Biological (b2)	3차 Advanc ed(b3)	시가 Urban		비시가 Rural				
-	-	-	-	84.97	48,029	-	48,029	295	81.85
...	...	...	...	87.13	47,130	...	47,130	295.10	82.09
...	...	...	...	95.48	46,327	...	46,327	294.53	82.40
-	-	-	-	51.6	36,647	-	36,647	338.5	86.3
-	-	868.0	-	95.6	30,786	-	30,786	294.5	88.6

Source : Division of Sewage

Charges for Use of Sewage Facilities

Unit : Million won

하수도 처리 비용분석 Cost of Sewage Disposal					
연간부과량(천톤) (A) Total Volume for the Usage of Sewage (1000 tons)	부과액(백만원) (B) Amounts for Usage (Million won)	평균단가 (원/톤) C=(B/A*1000) Average of Amounts (won/ton)	처리비용(백만원) (D) Expense of Sewage Treatment (Million won)	처리원가 (원/톤) E=(D/A*1000) Cost of Sewage Treatment (won/ton)	현실화율 (%) F=(C/E*100) Actual rate of benefit & cost
35,744	6,088	170	22,120	619	27.5
33,274	5,705	171	21,354	641	37.4
33,237	6,367	192	22,130	666	28.8
34,163	5,648	165	25,441	745	22.2

Source : Division of Sewage

10. 하수관거

단위 : km², m, 개

구분 및 연별 Kind & Year	계획연장 (m) Planned length	시설연장 (m) Constructed length	보급율 (%) Distribution rate	합류식(m) Unclassified pipe	
				계획면적(km ²) Planned area	계획연장 Planned length
2001	1,353,468	661,965	49.0		481,811
2002	1,353,468	689,515	50.9	...	481,811
2003	1,353,468	690,835	51.0	...	481,811
2004	1,353,468	696,235	51.4	...	481,811
2005	1,353,468	701,849	52	224	481,811
2006	1,353,468	704,605	52	224	481,811
2007	1,353,468	849,178	62	224	481,881
2008	1,035,244	953,234	92	224	163,587
2009	1,353,468	1,047,646	77	224	481,811
시가지	1,026,577	830,301	81	33	417,767
시외지	326,891	217,345	66	191	64,044

구분 및 연별 Kind & Year	분 류 식(m) Classified pipe				
	오수관거 Sewage Pipe Line			우수관거	
	시설연장 Constructed length	암거 Culvert		계획연장 Planned length	시설연장 Constructed length
		사각형 Quadrangle	원형 Circle		
2002	317,835	...	...	...	...
2003	319,155	...	...	...	...
2004	321,855	...	...	...	...
2005	148,438	13,780	134,658	458,027	176,223
2006	150,133	13,780	136,353	458,027	177,121
2007	226,632	13,780	212,852	458,027	245,195
2008	306,867	13,780	293,087	458,027	289,016
2009	306,867	13,780	293,087	458,027	269,016
시가지	242,865	13,780	229,085	323,958	266,023
시외지	64,002	-	64,002	134,069	2,993

자료 : 하수과

Sewage Pipe

Unit : km², m, each

합 류 식(m) Unclassified pipe					분류식(m) Classified pipe	
시설연장 Constructed length	암거 Culvert		개거 Open ditch	측구 Gutter	계획면적(km ²) Planned area	오수관거 계획연장 Planned length
	사각형 Quadrangle	원형 Circle				
354,525	...	...	...	...	...	871,657
371,680	...	...	...	...	...	871,657
371,680	...	...	...	...	...	871,657
374,380	...	...	...	...	...	871,657
377,188	35,571	217,320	31,340	90,149	163	413,630
377,351	35,653	220,209	31,340	90,149	163	413,630
377,351	35,653	220,209	31,340	90,149	163	413,630
377,351	35,653	220,209	31,340	90,149	163	413,630
471,763	35,653	314,621	31,340	90,149	326	413,630
321,413	31,081	223,326	5,101	61,905	166	284,852
150,350	4,572	91,295	26,239	28,244	160	128,778

분 류 식(m) Classified pipe				맨 홀 (개소) Manhole (Numbers)	우·오수받이 (개소) Storm & House inlet (Numbers)	토실·토구 (개소) Sewer outlet (Numbers)
우수관거 Rain Water Pipe Line						
암 거 Culvert		개 거 Open ditch	측 구 Gutter			
사각형 Quadrangle	원형 Circle					
...	...	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
35,405	135,927	178	4,713	12,426	7,938	87
35,595	136,635	178	4,713	12,515	8,002	87
64,094	176,210	178	4,713	15,603	16,621	87
64,094	200,031	178	4,713	16,417	17,415	87
64,094	200,031	178	4,713	16,417	17,415	87
64,072	197,060	178	4,713	16,217	16,769	87
22	2,971	-	-	200	646	-

Source : Division of Sewage