



제53회
2013 통계연보

8. 전기 · 가스 · 수도

Electricity.Gas.Water

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1. 발전현황

연 별	발전설비(MWh) Generating facilities	발전량(MWh) Amount of electricity generation
2000	600.0	814,190
2001	600.0	729,764
2002	600.0	576,400
2003	600.4	620,968
2004	600.4	465,418
2005	600.4	504,510
2006	600.4	306,840
2007	600.4	207,680
2008	600.4	385,782
2009	600.4	408,472
2010	600.4	462,380
2011	600.0	513,560
2012	600.0	466,670

자료 : 한국수력원자력 무주양수발전소 (070-4000-2311)

Electricity Generation

평균전력(kW) Average load	최대전력(kW) Peak load	Year
92,690	609,000	2000
83,306	606,000	2001
65,799	607,000	2002
70,887	598,405	2003
52,985	613,000	2004
57,592	618,000	2005
35,027	597,000	2006
23,708	570,000	2007
43,919	596,000	2008
46,630	570,000	2009
52,780	584,000	2010
58,626	568,000	2011
53,127	590,000	2012

2. 상수도

단위 : 명

연 별 읍면별	총인구	급수인구	보급률(%)
	Population	Water-supply population	Water supplyrate
2005	26,075	14,319	55.1
2006	25,579	14,423	56.0
2007	26,552	15,254	57.4
2008	26,213	16,712	63.8
2009	25,979	17,531	67.0
2010	25,764	17,723	68.8
2011	26,050	18,233	70.0
2012	25,510	17,469	68.5
무주읍	9,473	8,853	93.5
무풍면	2,394	877	36.6
설천면	4,546	3,438	75.6
적상면	2,823	1,390	49.2
안성면	4,749	2,911	61.3
부남면	1,525	—	—

자료 : 환경관리과 (320-2523)

Public Water Services

Unit : person

시설용량(㎥/일)	급수량(㎥/일)	1일1인당 급수량(ℓ)	급수전수	Year & Eup, Myeon
Water-supply capacity	Amount of water supplied	Water supply amount per person a day	Number of faucets	
12,000	9,762	682	4,316	2005
12,000	9,611	635	4,390	2006
12,000	7,630	473	4,495	2007
12,000	7,539	450	5,319	2008
12,000	7,678	438	5,687	2009
12,000	10,389	586	5,832	2010
12,000	10,145	556	6,429	2011
12,000	11,172	640	6,249	2012
6,000	6,121	695	2,642	Muju-Eup
600	280	319	405	Mupung-Myeon
3,400	2,954	859	1,395	Seolcheon-Myeon
—	—	—	580	Jeoksang-Myeon
2,000	1,817	624	1,227	Anseong-Myeon
—	—	—	—	Bunam-Myeon

3. 상수도관

단위 : m

연 별 읍면별	합 계	도 수 관 Aqueduct pipe				송 수 관 Transmission pipe			
		계	강 관	주철관	기 타	계	강 관	주철관	기 타
	Total	Sub-total	Steel	Cast iron	Other	Sub-total	Steel	Cast iron	Other
2005	207,877	972	-	902	70	16,914	6,884	8,830	1,200
2006	211,273	1,867	-	1,617	250	16,914	-	16,172	742
2007	216,046	1,867	-	1,617	250	16,914	-	16,172	742
2008	228,908	1,867	-	1,797	70	14,330	6,884	6,246	1,200
2009	238,506	1,867	-	1,797	70	14,330	6,884	6,246	1,200
2010	256,328	1,867	-	1,797	70	14,330	6,884	6,246	1,200
2011	269,280	1,867	-	1,797	70	14,330	6,884	6,246	1,200
2012	276,451	1,867	-	1,797	70	19,180	6,884	11,096	1,200
무주읍	160,292	1,165	-	1,165	-	7,908	3,582	3,868	458
무풍면	25,188	70	-	-	70	9,710	3,302	6,088	320
설천면	39,794	632	-	632	-	684	-	379	305
적상면	3,457	-	-	-	-	-	-	-	-
안성면	47,720	-	-	-	-	878	-	761	117
부남면	-	-	-	-	-	-	-	-	-

주 : 1) 합성수지관에 PVC, PE, Hi-3P 포함.

자료 : 환경관리과 (320-2522)

Public Water Pipe

Unit : m

배 수 관 Conduit pipe				급 수 관 Water supply pipe							Year & Eup, Myeon
계	강 관	주철관	기 타	계	아연도강 관	주철관	동 관	스텐레스관	합성 ¹⁾ 수지관	기 타	
Sub-total	Steel	Cast iron	Other	Sub-total	Galvan-ized steel	Cast iron	Copper	Stainless steel	Plastic	Other	
96,175	-	78,166	18,009	93,816	-	-	-	-	90,939	2,877	2005
98,101	-	79,092	19,009	94,391	-	-	-	-	119,403	2,988	2006
100,396	-	73,073	27,323	96,869	-	-	-	-	93,992	2,877	2007
113,527	-	75,568	37,959	99,184	-	-	-	-	96,307	2,877	2008
121,687	-	78,328	43,359	100,622	-	-	-	-	97,745	2,877	2009
133,276	-	83,108	50,168	106,855	-	2,000	-	-	101,978	2,877	2010
144,118	-	85,118	59,000	108,965	-	2,000	-	-	104,088	2,877	2011
144,118	-	83,108	61,010	111,286	-	2,000	-	-	106,409	2,877	2012
74,802	-	53,108	21,704	76,417	-	-	-	-	76,417	-	Muju-Eup
10,370	-	2,500	7,870	5,038	-	-	-	-	5,038	-	Mupung-Myeon
24,316	-	8,320	15,986	14,162	-	2,000	-	-	9,285	2,877	Seolcheon-Myeon
475	-	-	475	2,982	-	-	-	-	2,982	-	Jeoksang-Myeon
34,155	-	19,180	14,975	12,687	-	-	-	-	12,687	-	Anseong-Myeon
-	-	-	-	-	-	-	-	-	-	-	Bunam-Myeon

Note : 1) Including PVC, PE, Hi-3P

4. 급수 사용량

단위 : m³

연 별 읍면별	합 계 Total	가정용 Domestic	업 무 용 Affair
2005	1,400,087	756,434	623,039
2006	1,409,551	741,494	4,402
2007	1,443,950	731,100	10,630
2008	1,433,704	701,640	-
2009	1,599,888	825,036	-
2010	1,806,471	951,322	-
2011	1,852,965	977,413	-
2012	1,985,133	1,093,789	-
무주읍	971,386	596,037	-
무풍면	75,949	48,595	-
설천면	590,648	231,732	-
적상면	94,173	73,704	-
안성면	252,977	143,721	-
부남면	-	-	-

자료 : 환경관리과 (320-2523)

Consumption of Water Supplied

Unit : m³

영 업 용	욕탕용1종	욕탕용2종	전용공업용	기 타	Year & Eup, Myeon
Business	Bath house Class 1	Bath house Class 2	Industrial	Other	
—	10,910	—	—	9,704	2005
627,803	12,256	—	—	23,596	2006
641,236	10,348	—	—	50,636	2007
673,754	13,548	—	—	44,762	2008
704,353	8,974	—	—	61,525	2009
743,692	12,323	—	—	99,134	2010
755,529	10,096	—	—	109,927	2011
766,021	11,592	—	—	113,731	2012
308,133	—	—	—	67,216	Muju-Eup
22,013	5,341	—	—	—	Mupung-Myeon
358,916	—	—	—	—	Seolcheon-Myeon
20,469	—	—	—	—	Jeoksang-Myeon
56,490	6,251	—	—	46,515	Anseong-Myeon
—	—	—	—	—	Bunam-Myeon

5. 급수 사용료 부과

단위 : 천원

연 별 읍면별	합 계 Total	가정용 Domestic	업 무 용 Affair
2005	657,213	303,005	348,008
2006	664,502	297,047	2,285
2007	636,032	271,092	5,594
2008	676,997	280,849	-
2009	739,318	332,767	391,579
2010	773,465	355,398	-
2011	839,777	394,608	-
2012	887,760	443,746	-
무주읍	413,284	234,158	-
무풍면	35,751	20,548	-
설천면	294,997	98,338	-
적상면	42,344	31,236	-
안성면	101,384	59,466	-
부남면	-	-	-

자료 : 환경관리과 (320-2523)

Charges for Water Consumption

Unit : 1,000won

영 업 용	욕탕용1종	욕탕용2종	전용공업용	기 타	Year & Eup, Myeon
Business	Bath house Class 1	Bath house Class 2	Industrial	Other	
-	6,000	-	-	200	2005
354,488	-	6,706	-	3,976	2006
346,361	5,389	-	-	7,596	2007
381,500	7,292	-	-	7,356	2008
-	4,906	-	-	10,066	2009
396,790	6,407	-	-	14,870	2010
422,196	5,472	-	-	17,501	2011
420,705	6,250	-	-	17,059	2012
169,735	-	-	-	9,391	Muju-Eup
12,315	2,888	-	-	-	Mupung-Myeon
196,659	-	-	-	-	Seolcheon-Myeon
11,108	-	-	-	-	Jeoksang-Myeon
30,888	3,362	-	-	7,668	Anseong-Myeon
-	-	-	-	-	Bunam-Myeon

6. 하수사용료 부과

단위 : 백만원

연 별 읍면별	업종별 하수사용료 Charges for Use of Sewage Facilities							
	합 계	가정용	업 무 용	영 업 용	욕탕용1종	욕탕용2종	산 업 용	기 타
	Total	Domestic	Affair	Business	Bath house Class 1	Bath house Class 2	Industrial	Other
2005	149.0	80.0	33.0	36.0	-	-	-	-
2006	147.5	73.0	37.0	37.0	-	0.5	-	-
2007	154.0	72.0	39.0	34.0	-	-	-	9.0
2008	139.0	66.0	39.0	34.0	-	-	-	-
2009	157.8	79.0	37.0	39.0	1	1	1	-
2010	212.0	115.0	45.0	49.0	3	-	-	-
2011	219.0	114.9	44.0	58.0	2.1	-	-	-
2012	243.0	137.0	46.0	57.0	3.0	-	-	-
무주읍	154.0	87.0	30.0	37.0	-	-	-	-
무풍면	15.0	9.0	2.0	3.0	1.0	-	-	-
설천면	43.0	24.0	9.0	10.0	-	-	-	-
적상면	-	-	-	-	-	-	-	-
안성면	31.0	17.0	5.0	7.0	2.0	-	-	-
부남면	-	-	-	-	-	-	-	-

자료 : 환경관리과 (320-2526)

Charges for Use of Sewage Facilities

Unit : Million won

하수도 처리 비용분석 Cost of Sewage Disposal						Year & Eup, Myeon
연간부과량 (천톤) (A) Total volume charged for the usage of sewage (1000 tons)	부과액 (백만원) (B) Amount charged 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 (%) $F=(E/C*100)$ Actual rate of benefit & cost	
0.60	0.10	0.20	0.30	1.50	0.01	2005
657.0	144.0	219.0	336.0	511.0	42.90	2006
659.0	154.0	233.2	336.0	509.9	45.83	2007
634.0	139.0	219.2	303.0	477.9	45.90	2008
722.0	157.8	218.6	365.0	505.5	42.70	2009
1,007.0	212.0	210.5	383.0	380.3	55.40	2010
1,022.0	219.0	214.3	383.0	374.8	56.27	2011
1,100.0	243.0	221.0	395.0	359.0	62.00	2012
1,100	243.0	221.0	395.0	359.0	62.00	Muju-Eup
1,100	243.0	221.0	395.0	359.0	62.00	Mupung-Myeon
1,100	243.0	221.0	395.0	359.0	62.00	Seolcheon-Myeon
-	-	-	-	-	-	Jeoksang-Myeon
1,100	243.0	221.0	395.0	359.0	62.00	Anseong-Myeon
-	-	-	-	-	-	Bunam-Myeon

7. 하수관거

단위 : km², m, 개

연 별 읍면별	계획연장 (m)	시설연장 (m)	보급률 (%)	합 류 식(m)	
				계획면적 (km ²)	계획연장
	Planned length	Constructed length	Distribution rate	Planned area	Planned length
2005	85,813	53,127	62	—	—
2006	85,813	66,920	78	—	—
2007	85,813	76,491	88	—	—
2008	85,813	102,280	119	17	—
2009	134,600	86,822	65	14	—
2010	162,210	90,530	56	13.6	12,318
2011	162,210	94,050	58	13.6	12,318
2012	166,591	108,442	65	13.6	12,318
무주읍	53,271	41,854	79	1.5	7,171
무풍면	27,868	13,130	47	0.4	268
설천면	34,638	19,036	55	2.8	1,346
적상면	—	—	—	—	—
안성면	46,433	33,038	71	8.9	3,533
부남면	—	—	—	—	—

자료 : 환경관리과 (320-2526)

Sewage Pipe

Unit : km², m, each

Unclassified pipe					Year & Eup, Myeon
시설연장 Constructed length	암 거 Culvert		개거 Open ditch	측구 Gutter	
	사각형 quadrangle	원형 circle			
48,540	6,327	19,648	7,845	14,720	2005
40,012	5,514	18,708	6,655	9,136	2006
26,903	5,514	14,058	3,596	3,735	2007
26,903	5,514	14,058	3,596	3,735	2008
14,760	4,222	5,303	1,992	3,223	2009
12,318	4,222	2,881	1,992	3,223	2010
12,318	4,514	2,589	1,992	3,223	2011
12,318	4,514	2,589	1,992	3,223	2012
7,171	4,009	1,282	1,260	620	Muju-Eup
268	27	100	40	101	Mupung-Myeon
1,346	21	99	—	1,226	Seolcheon-Myeon
—	—	—	—	—	Jeoksang-Myeon
3,533	457	1,108	692	1,276	Anseong-Myeon
—	—	—	—	—	Bunam-Myeon

7. 하수관거(속)

단위 : km², m, 개

연 별 읍면별	분 류 식(m)						
	계획면적 (km ²)	오수관거 Sewage Pipe Line				우수관거	
		계획연장	시설연장	암 거 Culvert		계획연장	시설연장
				사각형 quadrangle	원형 circle		
	Planned area	Planned length	Constructed length			Planned length	Constructed length
2005	27	55,610	4,095	-	4,095	30,203	492
2006	27	55,610	17,844	-	17,844	30,203	9,064
2007	2.9	55,610	34,353	-	34,353	30,203	15,235
2008	2.9	55,610	55,002	-	55,002	30,203	20,375
2009	13.6	87,300	58,325	-	58,325	47,300	13,757
2010	13.6	102,593	63,645	-	63,645	47,300	14,567
2011	13.6	102,592	66,025	-	66,025	47,300	15,707
2012	13.6	102,592	72,571	-	72,571	51,681	23,553
무주읍	1.5	25,800	22,313	-	22,313	27,281	13,080
무풍면	0.4	16,500	10,068	-	10,068	10,500	3,640
설천면	2.8	25,792	15,592	-	15,592	6,500	1,898
적상면	-	-	-	-	-	-	-
안성면	8.9	34,500	24,598	-	24,598	7,400	4,935
부남면	-	-	-	-	-	-	-

