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964,603,777

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			002430
	HANGZHOU HANGYANG CO., LTD		
	HANGYANG LIMITED		
	799		
	311305		
	592		
	310014		
	www.hangyang.com		
	investor@hangyang.com		

	592	592
	0571-85869078	0571-85869350
	0571-85869076	0571-85869076
	investor@hangyang.com	gaocf@hangyang.com

	725884202

	1366 B

	201		2017 8 14 2018 12 31

	2018	2017		2016

/	0.77	0.41	0.41	87.80%	-0.34	-0.34
	14.93%	9.13%	9.13%	5.80%	-8.02%	-8.02%
	2018	2017			2016	
	11,346,821,216.53	11,089,204,682.57	11,089,204,682.57	2.32%	9,913,701,403.86	9,913,701,403.86
	5,307,856,043.37	4,634,005,916.65	4,634,005,916.65	14.54%	3,378,957,420.71	3,378,957,420.71

2018	2018	(2018 15)	2017
	10,485,977.00		
	2016	3,764,500.00	

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	1,637,681,518.18	2,038,728,402.09	2,291,314,513.24	1,933,493,016.50
	156,596,467.03	181,479,970.63	201,492,555.55	201,294,077.31
	147,361,562.82	170,561,700.90	185,213,164.42	200,258,613.52
	385,100,287.18	168,986,020.00	206,764,855.30	521,116,702.27

CO/H₂

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2018

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45.47

CO

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80,000m 3h

4 105,000m³/h

CO

2019

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79.01

22.47%

44.64

29.78

56.5 37.69%

7.41

105.39%

12.82

2018

113.47

53.08

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41.75%

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65,000m 3h

20,000m 3h

30,000m 3h

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2018

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2017

6840

149.11

1.43% 13.99% 49.66% 5.15% 2.07% 2017

61510.55 2017 28.59%

IPO

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	2018		2017		
	7,901,217,450.01	100%	6,451,799,195.92	100%	22.47%
	2,978,242,722.10	37.69%	2,101,015,843.71	32.56%	41.75%
	224,485,756.13	2.84%	45,587,872.19	0.71%	392.42%
	4,464,398,713.43		3,912,031,378.92	60.63%	14.12%

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10%

	2,978,242,722.10	2,240,145,364.10	24.78%	41.75%	43.32%	-0.82%
	224,485,756.13	195,249,097.36	13.02%	392.42%	699.42%	-33.40%
	4,464,398,713.43	3,415,044,178.34	23.50%	14.12%	10.03%	2.84%
	2,839,591,601.30	2,133,853,621.46	24.85%	52.53%	54.87%	-1.14%
	4,464,398,713.43	3,415,044,178.34	23.50%	14.12%	10.03%	2.84%
	135,754,757.94	105,012,452.71	22.65%	27.44%	17.69%	6.41%
	224,485,756.13	195,249,097.36	13.02%	392.42%	699.42%	-33.40%
	7,116,147,942.39	5,377,479,478.99	24.43%	10.87%	6.45%	1.76%
	550,979,249.27	472,959,160.81	14.16%	1,545.95%	1,366.40%	10.51%

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			2018	2017	
			2,978,242,722.1	2,101,015,843.71	41.75%
			3,430,550,457.25	2,241,253,362	53.06%
			1,272,252,890.51	819,945,155.36	55.16%
			4,464,398,713.43	3,912,031,378.92	14.12%
			4,481,084,983.73	3,896,643,137.6	15.00%
			16,686,270.3		
			224,485,756.13	45,587,872.19	392.42%
			224,485,756.13	45,587,872.19	392.42%

30%



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	2,484,228,986.23
	31.44%
	0.00%

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1		599,537,638.16	7.59%
2		530,251,765.93	6.71%
3		493,501,513.11	6.25%
4		450,250,552.61	5.70%
5		410,687,516.42	5.20%
	--	2,484,228,986.23	31.44%

	1,566,075,790.13
	25.84%
	0.00%

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1		479,253,526.45	7.91%
2		335,292,323.36	5.53%
3		268,235,717.84	4.43%
4		245,666,821.02	4.05%
5		237,627,401.46	3.92%
	--	1,566,075,790.13	25.84%

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		2018	2017		
		122,946,556.83	118,823,533.68	3.47%	
		449,755,322.04	385,056,021.07	16.80%	
		94,618,381.87	127,769,044.48	-25.95%	
		211,027,328.94	137,595,687.73	53.37%	

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		2018	2017	
		844	703	20.06%
		20.85%	17.75%	3.10%
		211,027,328.94	137,595,687.73	53.37%
		2.67%	2.13%	0.54%
		22,152,597.73	20,565,714.32	7.72%
		10.50%	14.82%	-4.32%

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		2018	2017	
		4,684,085,441.03	3,649,661,243.33	28.34%

	1,281,967,864.75	861,650,858.45	48.78%
	707,047,244.61	13,100,563.24	5,297.08%
	1,056,688,834.02	189,761,884.17	456.85%



311,131,600.00

2.81%

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2017 94,238.77 10,949.54

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			21000	2	.80	.54	53	5.93
			9000	186,111,511.9 2	177,105,900 .18	274,847,015 .14	42,126,775. 49	31,605,36 9.87
		[]	28530	543,839,725.1 4	418,480,192 .61	547,773,002 .45	87,098,298. 60	64,770,61 8.45
			5000	177,302,065.0 4	89,118,469. 77	100,825,120 .15	23,092,213. 74	16,666,67 7.06
		1 4	2020 17000	515,538,457.7 4	248,399,893 .93	528,941,387 .43	49,139,501. 87	36,771,25 9.94
				264,879,977.9	258,556,298	389,294,273	54,353,090.	40,159,42

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2018 1 17			http://www.cninfo.com.cn
2018 2 5			http://www.cninfo.com.cn
2018 2 28			

2018	11	13			http://www.cninfo.com.cn
2018	11	14			http://www.cninfo.com.cn
2018	11	21			http://www.cninfo.com.cn
2018	11	23			http://www.cninfo.com.cn
2018	12	19			http://www.cninfo.com.cn
2018	12	20			http://www.cninfo.com.cn

2018 12 14 < 2018 -2020 >
2019 1 3 2019

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2016					
2017	2017 12 31	964,603,777	10	0.75	
		2017			
2018	2018 12 31	964,603,777	10	1.8	
		2018			

2018	173,628,679.86	740,863,070.52	23.44%	0.00	0.00%	173,628,679.86	23.44%
2017	72,345,283.28	360,703,991.38	20.06%	0.00	0.00%	72,345,283.28	20.06%
2016	0.00	-282,618,656.09	0.00%	0.00	0.00%	0.00	0.00%

10						0
10						1.80
10						0
						964603777
						173,628,679.86
						0.00
						173,628,679.86
						931,965,658.93
						100%
						20
2018	2018	12	31	964,603,777	10	1.8
2018						

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			1		2010	
				2	6 10	

				2010 6 10		
			7%			
			12	2017 8 14	2018 8 13	
			36	2017 8 14	2020 8 13	
			12	2017 8 14	2018 8 13	
			12	2017 8 14	2018 8 13	
	- -		12	2017 8 14	2018 8 13	
			12	2017 8 14	2018 8 13	

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1. 2018 (2018 15)

2018 2017

	1,156,340,410.11		2,834,790,682.30
	1,678,450,272.19		
	836,438.36		25,570,164.43
	24,733,726.07		
	4,207,198,690.84		4,207,198,690.84
	378,474,883.84		378,474,883.84
	219,118,045.63		1,240,001,223.91
	1,020,883,178.28		
	25,004,024.46		75,052,539.84
	1,293,627.00		

	48,754,888.38		
	1,945,920.00		1,945,920.00
	522,651,708.80		385,056,021.07
			137,595,687.73
[]			10,485,977.00
[]	10,485,977.00		

10,485,977.00

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2018 1 1

1,945,920.00

1,945,920.00

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						9,458.4		8,688			-		
						4,458.7 2		5,488			-		
						2,262.4		2,450			-		
						1,934.2 4		2,477			-		
						1,792.6 9		3,091.2 4			-		
						1,777.6 9		2,065			-		
						772.06		780			-		
						56.58		80			-		
						0.59		2			-		
						3,399.6 6		3,932.5			-		
						2,307.2 5		2,550			-		
						555.73		726.11			-		
						551.92		687			-		
						348.63		359.83			-		
						333.14		350			-		
						91.06		180			-		

						28.72		50			-		
				--	--	41,256.95	--	45,144.68	--	--	--	--	--

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			227.18		113.59	0.00%	0	113.59
			500.4		250.2	5.00%	25.44	250.2
			9,100		3,800	4.75%	388.28	5,300
			10,000		10,000	4.75%	105.75	0

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	2017 5 26	50,000	2017 7 19	7,775		2021 7 19		
A1		0		A2		0		
A3		50,000		A4		7,775		

	2015 5 29	12,100	2015 7 2	7,300		2018 7 1		
	2015 5 29	12,100	2016 4 6	1,800		2019 4 5		
	2018 3 31	7,000	2018 6 27	5,300		2021 6 26		
	2015 5 30	16,000	2012 9 14	600		2018 8 10		
	2015 5 30	16,000	2012 9 14	1,400		2018 8 10		
	2015 5 30	16,000	2012 9 18	1,400		2018 6 30		
	2015 5 30	16,000	2012 9 9	600		2018 6 30		
	2015 5 30	8,800	2012 7 30	2,700		2018 7 30		
	2015 5 30	8,800	2012 2 26	100		2018 12 30		
	2016 5 14	20,500	2013 4 16	2,000		2018 6 20		
	2016 5 14	20,500	2013 4 16	2,800		2018 12 20		
	2016 5 14	20,500	2013 5 10	1,200		2018 6 20		
	2016 5 14	20,500	2013 5 10	1,200		2018 12 20		
	2016 5 14	20,500	2013 8 8	800		2018 6 20		
	2016 5 14	20,500	2013 8 8	1,000		2018 12 20		
	2016 5 14	13,500	2013 7 11	3,000		2018 5 18		
	2015 12 6	25,300						

	2015 12 6	25,300	2016 9 30	825		2019 3 20		
	2015 12 6	25,300	2016 9 30	825		2019 9 20		
	2015 12 6	25,300	2016 9 30	825		2020 3 20		
	2015 12 6	25,300	2016 9 30	825		2020 9 20		
	2015 12 6	25,300	2016 9 30	825		2021 3 20		
	2015 12 6	25,300	2016 9 30	825		2021 9 20		
	2015 12 6	25,300	2016 9 30	850		2022 3 20		
	2015 12 6	25,300	2016 9 30	850		2022 9 20		
	2015 12 6	25,300	2016 10 1	850		2018 3 20		
	2015 12 6	25,300	2016 10 1	800		2018 9 20		
	2015 12 6	25,300	2016 10 1	850		2019 3 20		

	2015 12 5	13,650	2016 12 23	900		2018 12 21		
	2015 12 5	13,650	2016 12 23	950		2019 6 21		
	2015 12 5	13,650	2016 12 23	950		2019 12 21		

2015 12

	2015 12 5	21,500	2017 2 8	750		2023 1 20		
	2015 12 5	21,500	2017 2 8	750				

()	2017 3 30	20,000	2017 6 16	1,801.74		2020 5 15		
()	2017 3 30	20,000	2018 2 24	105.14		2019 5 18		
()	2017 3 30	20,000	2018 6 13	7,378.09		2020 5 5		

59,200		140,350	0

		4.75%	4,000		2018 6 21	2021 6 18	101.86	101.86					
		4.75%	500		2016 3 18	2019 3 15	24.08	24.08					
		4.75%	300		2016 9 29	2019 9 19	14.45	14.45					
		4.75%	500		2017 1 13	2020 1 6	24.08	24.08					
		4.75%	1,200		2017 5 18	2020 5 8	57.79	57.79					
		4.75%	3,000		2017 8 15	2019 8 5	144.48	144.48					
		4.75%	4,000		2017 10 19	2019 10 11	192.64	192.64					
		4.75%	3,000		2017 11 28	2019 11 27	144.48	144.48					
		4.75%	2,800		2017 11 1	2020 10 30	134.85	134.85					
		4.75%	2,000		2018 5 4	2021 5 4	63.6	63.6					
		4.75%	7,000		2018 7 24	2021 7 23	147.78	147.78					
		4.75%	800		2016 6 24	2019 6 20	38.53	38.53					
		4.75%	700		2016 10 10	2019 9 29	33.71	33.71					
		4.75%	700		2017 3 20	2019 3 8	33.71	33.71					

		4.75%	400		2016 7 22	2019 7 17	19.26	19.26					
		4.90%	10,000		2018 12 7	2024 12 3	32.67	32.67					
		4.75%	3,000		2017 6 19	2020 6 19	144.48	144.48					
		4.75%	1,400		2018 6 19	2021 6 18	36.02	36.02					
			140,350	--	--	--	4,734.39	4,734.39	--		--	--	--

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	COD		1		102 mg/L	500 mg/L	11.23t	24.95t	
			1		7.94 mg/L	25 mg/L	0.87t	1.2475t	
			1		3 mg/m3	240 mg/m3	0.267t	0.38t	

100%

100%

1

	134,844,617	13.98%				-120,048,654	-120,048,654	14,795,963	1.53%
1	0	0.00%							
2	36,100,001	3.74%				-22,816,668	-22,816,668	13,283,333	1.38%
3	98,744,616	4.32%				-97,231,986	-97,231,986	1,512,630	0.16%
	96,727,776	4.11%				-96,727,776	-96,727,776		
	2,016,840	0.21%				-504,210	-504,210	1,512,630	0.16%
4	0	0.00%							
	0	0.00%							
	0	0.00%							
	829,759,160	86.02%				120,048,654	120,048,654	949,807,814	98.47%
1	829,759,160	86.02%				120,048,654	120,048,654	949,807,814	98.47%
2	0	0.00%							
3	0	0.00%							
4	0	0.00%							
	964,603,777	100.00%						964,603,777	100.00%

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2018 8 14

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119,544,444 12.3931%

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	22,816,668	22,816,668	0	0		2018 8 14
	26,388,888	26,388,888	0	0		2018 8 14

/P < 13,283,333 13,283,333 IN CID 191 > > B

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	20,747		23,610	8	0	8	0
5% 10							
		54.40%	524,754,485		13,283,333	511,471,152	
		10.83%	104,461,053			104,461,053	
		2.37%	22,816,668			22,816,668	
		2.29%	22,056,81a				

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		1995 9 25	91330100143085793U	1531 [1992]

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	/			
			113301007766375272	
	000909 600814 : 200771			



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	/			
		1999 11 1	39,070.208. 462	

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				57	2018 30	1	2021 29	1		0	0
				45	2018 30	1	2021 29	1		0	0
				55	2018 30	1	2021 29	1	1,008,420	0	-252,105
				58	2018 30	1	2021 29	1	1,008,420	0	-252,105
				60	2015 6	1	2018 30	1		0	0
				48	2018 30	1	2021 29	1		0	0
				62	2018 30	1	2021 29	1		0	0
				48	2018 30	1	2021 29	1		0	0
				65	2018 30	1	2021 29	1		0	0
				49	2018 30	1	2021 29	1		0	0

62 2015 1 2018
6

				57	2018 30	1 2	2018 11		0		0	
				60	2018 30	1 2	2018 11		0		0	
				55	2018 30	1 29	2021 1		0		0	
				55	2018 30	1 29	2021 1		0		0	
				57	2018 30	1 29	2021 1		0		0	
				49	2018 30	1 29	2021 1		0		0	
				56	2018 11	2 29	2021 1		0		0	
				39	2018 11	2 29	2021 1		0		0	
											0	
	--	--	--	--	--	--	--	2,016,840	0	-504,210	0	1,512,630

			2018	1 30
			2018	1 30
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			2018	1 30
			2018	11 2
			2018	11 2
			2018	11 2

1961 11 1984 7
2001 10 2005 11

1973 9 1992 3 2000 2
2000 3 2011 11

2012 11 2015 6
2015 7 () 2015 9 2016 8
2016 8

2015 12
1963 1 1985 5 1987 1
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2008 3 1977 9 1978 2 1978
1958 12 1982 9 1985 8
3 1981 10 1981 10 1982 9 1994 10 1995 9 1995 9
1985 8 1994 10 1994 10 1995 9 2001 3 2001 10
1998 11 1998 11 2001 3 2005 10 2006 12
2001 10 2005 10 2008 3 2018 1
2006 12 2019 1

1969 11 1991 8 1999 11
1999 11 2001 9
2001 9 2002 5 2002 5 2008 3
2008 3 2013 1 2013 1

2015	3			2014			
2016	2			2016	6		2015 1
1971	11	19		2000	1	2004 12	2004 12
			2005			2011	
2016	5						
1957	11	6				1982 1	2004 2
3			2016 5				2004
1956	12					1977 6	
				2008	3	2018	

2002 12

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			57		99.53	
			45		0	
			55		99.59	
			58		81.79	
			60		0	
			48		0	
			62		12	
			48		12	
			65		12	

			36		25.26	
			44		0	
			57		73.14	
			60		76.03	
			55		84.79	
			55		74.27	
			57		74.06	
			49		78.35	
			56		76.49	
			39		6.91	
	--	--	--	--	967.25	--

1

	1,258
	2,790
	4,048
	4,048
	1,926
	2,111
	136
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	1,844
	878
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	4,048

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2018		65.72%	2018 1 30	2018 1 31	2018

					2018-008 www.cninfo.com.cn)
2017		65.54%	2018 4 24	2018 4 25	2017 2018-038 www.cninfo.com.cn)

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	12	2	10	0	0		1
	12	1	11	0	0		1
	12	1	11	0	0		1

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	2019 3 30		
	(www.cninfo.com.cn)		
	100.00%		
	100.00%		
	1	1	
	2	2	
	3	3	
	1%	10	< 1%
	2%		1%
	2%	2%	
	3%		2%
	2%		
	3%		

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5,697.27				

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2018 12 31

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	1,305,099,683.39	1,225,772,916.83
	2,843,516,759.03	2,834,790,682.30
	1,189,112,544.86	1,156,340,410.11
	1,654,404,214.17	1,678,450,272.19
	752,320,606.67	554,150,169.13
	21,946,136.88	25,570,164.43
	405,183.78	836,438.36
	1,231,966,457.89	979,296,301.98
	27,897,879.11	23,842,879.11
	129,618,841.09	177,166,584.35
	6,312,366,364.06	5,820,589,698.13
	928,765.11	2,102,315.58
	61,864,538.02	60,152,300.42
	95,871,929.69	99,010,144.46
	4,147,600,291.39	4,207,198,690.84
	201,968,451.05	378,474,883.84
	313,303,954.95	328,689,179.79

	61,494,027.28	55,198,538.45
	130,937,332.65	121,497,181.12
	20,485,562.33	16,291,749.94
	5,034,454,852.47	5,268,614,984.44
	11,346,821,216.53	11,089,204,682.57
		311,131,600.00
	1,227,958,428.57	1,240,001,223.91
	1,957,949,105.65	1,779,206,411.83
	124,310,585.09	87,083,714.95
	68,799,368.32	101,240,985.58
	84,187,150.16	75,052,539.84
		25,004,024.46

	765,000.00	1,945,920.00
	2,578,640.00	1,254,000.00
	327,785,856.40	346,334,666.41
	313,972.05	313,972.05
	2,085,443,468.45	1,753,350,558.46
	5,634,286,026.24	6,077,704,954.57
	964,603,777.00	964,603,777.00
	1,616,710,860.56	1,635,921,360.56
	21,959.88	-2,264.17
	83,203,359.04	58,684,749.21
	323,625,735.20	273,713,565.68
	2,319,690,351.69	1,701,084,728.37
	5,307,856,043.37	4,634,005,916.65
	404,679,146.92	377,493,811.35
	5,712,535,190.29	5,011,499,728.00
	11,346,821,216.53	11,089,204,682.57

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	985,456,021.13	1,009,874,085.67

	1,873,181,984.85	1,721,781,039.88
	762,721,816.05	580,394,501.92
	1,110,460,168.80	1,141,386,537.96
	576,573,571.15	383,465,802.59
	14,294,418.61	20,000,797.33
		836,438.36
	692,901,765.47	493,278,886.02
	255,000.00	
	277,000,000.00	182,000,000.00
	23,212,924.85	38,694,795.25
	4,442,875,686.06	3,849,095,406.74
	699,550.41	1,873,100.88
	2,924,020,323.52	2,785,655,587.62
	95,871,929.69	99,010,144.46
	738,843,423.10	774,439,473.12
	23,843,420.76	18,779,332.42
	91,834,684.34	103,835,711.87
	61,494,027.28	55,198,538.45
	63,600,000.00	63,600,000.00
	1,126,500,000.00	956,500,000.00
	5,126,707,359.10	4,858,891,888.82
	9,569,583,045.16	8,707,987,295.56
		311,131,600.00

	921,994,334.43	859,788,315.81
	1,741,902,595.81	1,431,747,106.15
	85,593,573.43	51,327,960.51
	5,766,159.47	5,816,711.09
	1,206,974,928.37	860,350,954.83
	22,425,769.94	23,414,370.01
		400,000,000.00
	3,962,231,591.51	3,920,162,648.39
	400,000,000.00	
	1,000,000,000.00	1,000,000,000.00
	495,000.00	495,000.00
	116,225,538.17	125,857,368.57
	1,516,720,538.17	1,126,352,368.57
	5,478,952,129.68	5,046,515,016.96
	964,603,777.00	964,603,777.00

	302,632,780.48	252,720,610.96
		555,101,410.94
		3,661,472,278.60
		8,707,987,295.56
		6,451,799,195.92
		6,451,799,195.92

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-	-2,881,543.03	1,710,833.35
	961,441,651.94	529,042,098.23
	7,808,239.91	10,796,208.94
	10,204,397.81	8,517,448.93
	959,045,494.04	531,320,858.24
	164,343,110.48	149,327,947.72
	794,702,383.56	381,992,910.52
	794,702,383.56	381,992,910.52
	740,863,070.52	360,703,991.38
	53,839,313.04	21,288,919.14
	47,498.14	30,828.13
	24,224.05	15,722.34
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	24,224.05	15,722.34
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	23,274.09	15,105.79
	794,749,881.70	382,023,738.65
	740,887,294.57	360,719,713.72
	53,862,587.13	21,304,024.93
	0.77	0.41
	0.77	0.41

	2,506,829,805.35	1,716,034,087.16
	2,043,319,911.95	1,400,965,221.47
	11,907,057.78	19,515,218.71
	40,465,174.16	32,346,693.17
	221,865,471.06	190,024,900.29
	91,515,189.36	74,630,819.36
	73,103,395.32	90,075,259.83
	85,220,211.86	99,732,562.87
	14,282,551.67	6,904,317.93
	-86,587,230.69	52,891,903.49
	26,934,153.61	38,972,543.10
	359,229,710.19	136,289,369.15
	-27,189.17	261,632.58
-	1,890,560.19	
	499,295,260.40	30,845,983.09
	555,420.73	2,899,695.31
	728,985.94	124,057.22
	499,121,695.19	33,621,621.18
		-450,000.00
	499,121,695.19	34,071,621.18
	499,121,695.19	34,071,621.18
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	4,484,386,068.61	3,537,917,135.16
	35,325,241.53	18,719,905.48
	164,374,130.89	93,024,202.69
	4,684,085,441.03	3,649,661,243.33
	1,953,785,084.44	1,649,164,484.08
	588,795,751.33	514,876,827.16

	529,932,055.79	434,430,096.97
	329,604,684.72	189,538,976.67
	3,402,117,576.28	2,788,010,384.88
	1,281,967,864.75	861,650,858.45
	7,282,987.64	3,349,299.25
	12,964,256.97	9,751,263.99
	686,800,000.00	
	707,047,244.61	13,100,563.24
	398,938,834.02	86,961,884.17
	750,000.00	
	657,000,000.00	102,800,000.00
	1,056,688,834.02	189,761,884.17
	-349,641,589.41	-176,661,320.93
	5,913,688.40	944,162,226.47
	5,913,688.40	
	533,268,000.00	595,154,600.00
	539,181,688.40	1,539,316,826.47
	1,138,901,600.00	1,445,521,640.00
	205,747,011.21	158,501,994.76
	24,610,139.35	
	20,346,420.00	44,478,270.28
	1,364,995,031.21	1,648,501,905.04
	-825,813,342.81	-109,185,078.57
	2,131,911.13	556,575.42
	108,644,843.66	576,361,034.37
	1,035,031,109.80	458,670,075.43

	1,143,675,953.46	1,035,031,109.80
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	2,441,464,821.88	1,734,227,175.63
	13,673,484.47	7,912,659.61
	125,483,284.52	60,992,069.06
	2,580,621,590.87	1,803,131,904.30
	1,847,002,870.60	1,279,257,799.24
	235,529,190.40	203,595,432.98
	30,528,038.73	63,622,722.43
	176,132,312.50	138,198,667.27
	2,289,192,412.23	1,684,674,621.92
	291,429,178.64	118,457,282.38
	330,554,834.86	482,000,000.00
	240,674,167.21	132,624,074.56
	93,100.00	26,634.44
	686,800,000.00	
	1,258,122,102.07	614,650,709.00
	47,339,032.47	37,984,008.38
	714,064,371.60	642,000,000.00
	586,800,000.00	100,000,000.00
	1,348,203,404.07	779,984,008.38
	-90,081,302.00	-165,333,299.38
		944,162,226.47
	480,268,000.00	416,154,600.00
	4,294,709,556.27	3,220,097,667.89

	4,774,977,556.27	4,580,414,494.36
	791,399,600.00	905,023,000.00
	158,554,089.61	103,050,156.05
	3,949,096,435.32	2,963,317,464.76
	4,899,050,124.93	3,971,390,620.81
	-124,072,568.66	609,023,873.55
	2,024,157.69	-1,418,331.42
	79,299,465.67	560,729,525.13
	839,672,931.96	278,943,406.83
	918,972,397.63	839,672,931.96

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	964,60				1,635,9		-2,264.1	58,684,	273,713		1,701,0	
	3,777.				21,360.		7	749.21	,565.68		84,728.	377,493
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1												5,913,6 88.40	5,913,6 88.40
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	-57,058, 524.38								-57,058, 524.38
					3,407,1 62.12		-3,407,1 62.12	-1,566, 157.15	-1,566,1 57.15
					3,407,1 62.12		-3,407,1 62.12		
								-16,018, ,424.32	-16,018, 424.32
								14,452, 267.17	14,452, 267.17

	964,603,777.00				1,884,073,640.14			4,972,839.56	252,720,610.96	555,101,410.94	3,661,472,278.60
	964,603,777.00				1,884,073,640.14			4,972,839.56	252,720,610.96	555,101,410.94	3,661,472,278.60
								2,382,219.37	49,912,169.52	376,864,247.99	429,158,636.88
										499,121,695.19	499,121,695.19
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									49,912,169.52	-122,257,447.20	-72,345,277.68
1									49,912,169.52	-49,912,169.52	
2										-72,345,277.68	-72,345,277.68
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										34,071,621.18	34,071,621.18
	132,827,777.00				809,559,957.29						942,387,734.29
1	132,827,777.00				809,559,957.29						942,387,734.29
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									3,407,162.12	-3,407,162.12	
1									3,407,162.12	-3,407,162.12	
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								796,430.72			796,430.72
1								2,898,331.71			2,898,331.71
2								-2,101,900.99			-2,101,900.99

	964,603,				1,884,073			4,972,839	252,720,6	555,101	3,661,472
	777.00				,640.14			.56	10.96	,410.94	,278.60

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	1,156,340,410.11		2,834,790,682.30
	1,678,450,272.19		
	836,438.36		25,570,164.43
	24,733,726.07		

	4,207,198,690.84		4,207,198,690.84
	378,474,883.84		378,474,883.84
	219,118,045.63		1,240,001,223.91
	1,020,883,178.28		
	25,004,024.46		75,052,539.84
	1,293,627.00		
	48,754,888.38		
	1,945,920.00		1,945,920.00
	522,651,708.80		385,056,021.07
			137,595,687.73
[]			10,485,977.00
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	57,899.40	85,631.14
	1,143,618,054.06	1,034,945,478.66
	161,423,729.93	190,741,807.03
	1,305,099,683.39	1,225,772,916.83
	62,657,932.70	27,338,674.71

	75,836,313.69	74,838,457.03
	9,360,000.00	11,700,000.00
	6,027,416.24	4,203,350.00
	70,200,000.00	100,000,000.00
	161,423,729.93	190,741,807.03

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	1,189,112,544.86	1,156,340,410.11

	1,200,000.00	11,599,003.20
	1,189,112,544.86	1,156,340,410.11

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	1,291,707,258.28	
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1	1,145,946,712.03	45,837,868.50	4.00%
1 2	270,911,483.78	21,672,918.72	8.00%
2 3	152,958,930.77	30,591,786.17	20.00%
3 4	293,427,033.62	146,713,516.81	50.00%
4 5	71,952,288.36	35,976,144.19	50.00%
5	213,499,261.31	213,499,261.31	100.00%
	2,148,695,709.87	494,291,495.70	23.00%

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		(%)	
	189,603,285.77	8.82	67,039,712.79
	142,345,543.20	6.62	5,693,821.72
	112,654,441.42	5.24	4,506,177.66
	106,672,342.00	4.96	4,266,893.68

	89,326,500.50	4.15	3,573,060.02
	640,602,112.89	29.79	85,079,665.87

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1	728,481,562.95	96.84%	487,524,191.36	87.98%
1 2	15,947,162.80	2.12%	60,299,549.29	10.88%
2 3	4,019,767.54	0.53%	2,673,248.49	0.48%
3	3,872,113.38	0.51%	3,653,179.99	0.66%
	752,320,606.67	--	554,150,169.13	--

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()	3,206,977.40	
MAN Energy Solutions SE	2,777,656.05	
SAMSON AG	2,714,212.72	
	2,064,000.00	
	10,762,846.17	

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	405,183.78	836,438.36
	21,540,953.10	24,733,726.07
	21,946,136.88	25,570,164.43

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	27,246,7 97.12	100.00%	5,705,84 4.02	20.94%	21,540,95 3.10	32,164, 567.47	100.00%	7,430,841 .40	23.10%	24,733,726. 07
	27,246,7 97.12	100.00%	5,705,84 4.02	20.94%	21,540,95 3.10	32,164, 567.47	100.00%	7,430,841 .40	23.10%	24,733,726. 07

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	18,853,184.04	23,825,938.25
	6,341,910.46	5,085,045.36
	929,650.70	2,031,078.27
	1,122,051.92	1,222,505.59
	27,246,797.12	32,164,567.47

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		2,000,000.00	1 3-4 5	7.34%	990,000.00
		1,500,000.00	2-3	5.51%	300,000.00
		1,400,000.00	1-2	5.14%	112,000.00
		1,200,000.00	1-2	4.40%	96,000.00
		1,100,044.00	1	4.04%	44,001.76
	--	7,200,044.00	--	26.43%	1,542,001.76

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	27,642,879.11	35,499,351.00		2019 12 31
	255,000.00	255,000.00		2019 12 31
	27,897,879.11	35,754,351.00		--

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	127,076,929.64	176,456,773.60
	2,228,784.65	160,958.20
	206,080.86	292,620.37
	107,045.94	256,232.18
	129,618,841.09	177,166,584.35

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	928,765.11		928,765.11	2,102,315.58		2,102,315.58
	928,765.11		928,765.11	2,102,315.58		2,102,315.58
	928,765.11		928,765.11	2,102,315.58		2,102,315.58

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	229,214.70			229,214.70					0.17%	
			,173,550.47							
	699,550.41			699,550.41					5.00%	
	2,102,315.58									

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	17,259,59			1,669,513			400,000.0		18,529,10	
	2.09			.60			0		5.69	
	18,032,09			-1,340,26					16,691,82	
	2.25			5.45					6.80	
	3,741,754			-851,930.					2,889,824	
	.80			67					.13	
	1,375,839			237,051.7					1,612,891	
	.42			6					.18	
	11,152,08			365,998.0			1,047,597		10,470,48	
	6.73			2			.00		7.75	
				-1,173,55		1,173,550				
				0.47		.47				
		750,000.0							750,000.0	
		0							0	
	60,152,30	750,000.0		1,236,284		1,173,550	1,447,597		61,864,53	
	0.42	0		.13		.47	.00		8.02	
	60,152,30	750,000.0		1,236,284		1,173,550	1,447,597		61,864,53	
	0.42	0		.13		.47	.00		8.02	

20.21%

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1.	85,988,997.42	16,193,964.29		102,182,961.71
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4.	85,988,997.42	16,193,964.29		102,182,961.71
1.	2,722,984.92	449,832.33		3,172,817.25
2.	2,722,984.95	415,229.82		3,138,214.77
1	2,722,984.95	415,229.82		3,138,214.77
3.				
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2				
4.	5,445,969.87	865,062.15		6,311,032.02
1.				
2.				
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3				
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2				
4.				
1.	80,543,027.55	15,328,902.14		95,871,929.69
2.	83,266,012.50	15,744,131.96		99,010,144.46

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16

	4,147,600,291.39	4,207,198,690.84
	4,147,600,291.39	4,207,198,690.84

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1.	2,011,556,228.51	4,451,286,184.55	10,486,264.81	62,339,071.62	82,077,612.95	6,617,745,362.44
2.	96,291,024.72	376,610,591.66	401,196.28	4,423,274.37	9,996,581.04	487,722,668.07
1	3,102,186.34	11,211,366.50	401,196.28	4,322,207.17	6,549,939.62	25,586,895.91
2	83,344,564.47	349,542,116.26		101,067.20	3,446,641.42	436,434,389.35
3						
4		15,857,108.90				15,857,108.90
5	9,844,273.91					9,844,273.91
3.	4,964,910.90	35,665,807.70	54,530.76	5,731,834.05	4,723,761.87	51,140,845.28
1	2,621,055.63	24,798,533.79	54,530.76	3,278,798.05	4,723,761.87	35,476,680.10
2	2,343,855.27	10,867,273.91				13,211,129.18
3				2,453,036.00		2,453,036.00
4.	2,102,882,342.33	4,792,230,968.51	10,832,930.33	61,030,511.94	87,350,432.12	7,054,327,185.23
1.	371,835,344.16	1,924,281,870.18	9,938,363.16	38,215,291.67	60,030,002.39	2,404,300,871.56
2.	84,339,240.04	432,339,149.47	625,115.85	5,648,811.94	7,999,090.34	530,951,407.64

1	80,178,730.28	432,339,149.47	625,115.85	5,648,811.94	7,999,090.34	526,790,897.88
2	4,160,509.76					4,160,509.76
3.	1,227,751.60	26,076,534.13	39,870.30	3,822,604.95	4,325,177.40	35,491,938.38
1	1,227,751.60	21,916,024.37	39,870.30	1,912,497.61	4,325,177.40	29,421,321.28
2		4,160,509.76				4,160,509.76
3				1,910,107.34		1,910,107.34
4.	454,946,832.60	2,330,544,485.52	10,523,608.71	40,041,498.66	63,703,915.33	2,899,760,340.82
1.		6,245,800.04				6,245,800.04
2.		1,199,668.58		287,928.66		1,487,597.24
1		1,199,668.58		287,928.66		1,487,597.24

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	57,937,817.44	
	37,661,611.11	
	25,500,907.43	
	17,882,094.51	
	16,972,317.11	
	13,605,302.48	
	3,830,339.90	
	3,639,537.43	
	2,611,011.09	
	2,055,202.50	
	1,770,869.82	
	183,467,010.82	

1,219.64477.59

54.14122.95

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17

	201,968,451.05	378,474,883.84
	201,968,451.05	378,474,883.84

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36000Nm ³ /h	107,027,789.24	31,469,809.52	75,557,979.72	107,027,789.24	6,469,635.74	100,558,153.50
20000Nm ³ /h	40,289,861.86		40,289,861.86			
	13,451,374.78		13,451,374.78	237,735.85		237,735.85
	9,591,221.72		9,591,221.72			
	8,213,139.58		8,213,139.58	3,247,694.43		3,247,694.43
60000Nm ³ /h	8,028,390.26		8,028,390.26			
	6,259,031.27		6,259,031.27	2,577,099.92		2,577,099.92
	5,614,114.09		5,614,114.09			
	2,219,168.08		2,219,168.08	2,224,446.42		2,224,446.42
	1,965,048.54		1,965,048.54			
80000Nm ³ /h	568,628.76		568,628.76			

65000Nm3/h	477,505.04		477,505.04			
				9,233,128.22		9,233,128.22
				19,486,987.95		19,486,987.95
40000Nm3/h				213,590,550.97		213,590,550.97
38000Nm3/h				859,609.81		859,609.81
	29,732,987.35		29,732,987.35	26,459,476.77		26,459,476.77
	233,438,260.57	31,469,809.52	201,968,451.05	384,944,519.58	6,469,635.74	378,474,883.84

	2,850.00		9,591,22 1.72			9,591,22 1.72	33.65%	80.00				
	911.13	3,247,69 4.43	5,547,09 4.12	581,648. 97		8,213,13 9.58	90.14%	90.00				

1,420.00	9,233,12 8.22	715,113. 28	9,948,24 1.50			70.06%	100.00				
2,200.00	19,486,9 87.95		19,486,9 87.95			97.35%	100.00				
31,500.0 0	213,590, 550.97	10,725,2 65.64	224,315, 816.61			71.21%	100.00	10,260,6 06.40	1,928,41 8.37		

	26,459,4 76.77	27,054,4 64.64	23,780,9 54.06		29,732,9 87.35						

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1.	289,833,237.52			77,412,672.27	5,096,434.92	70,000,000.00	442,342,344.71
2.	1,810,357.40			2,876,398.63			4,686,756.03
1	1,810,357.40			22,612.07			1,832,969.47
2				2,853,786.56			2,853,786.56
3							

1.	34,760,755.95			55,443,689.49	3,323,719.48	20,125,000.00	113,653,164.92
2.	6,337,081.69			9,138,465.06	633,127.80	3,500,000.00	19,608,674.55
1	6,337,081.69			9,138,465.06	633,127.80	3,500,000.00	19,608,674.55
3.				16,061,530.30			16,061,530.30
1				16,061,530.30			16,061,530.30
4.	41,097,837.64			48,520,624.25	3,956,847.28	23,625,000.00	117,200,309.17
1.							
2.							
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3.							
1							
4.							
1.	250,545,757.28			15,243,610.03	1,139,587.64	46,375,000.00	313,303,954.95
2.	255,072,481.57			21,968,982.78	1,772,715.44	49,875,000.00	328,689,179.79

0.66%

	950,020.00	
	857,469.61	
	1,807,489.61	

21

	46,345,485.11	13,404,933.05			13,970,452.92		45,779,965.24
	7,956,995.91	4,179,612.21			1,886,655.98		10,249,952.14
	896,057.43	3,408,299.27					4,304,356.70
		752,575.80					752,575.80
()		407,177.40					407,177.40
	55,198,538.45	22,152,597.73			15,857,108.90		61,494,027.28

- 1)2014 62018 12
- 3192%
- 2)2014 102018 12
- 3181%
- 3)2017 42018 12 31
- 43%
- 4)2018 12018 12 31
- 14%
- 5)(2018 92018
- 12 311%

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	709,499,214.85	130,937,332.65	771,177,764.57	121,497,181.12
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	2,093,146.99	313,972.05	2,093,146.99	313,972.05
	2,093,146.99	313,972.05	2,093,146.99	313,972.05

3

		130,937,332.65		121,497,181.12
		313,972.05		313,972.05

4

	512,103,804.05	585,981,837.11
	294,476,428.92	317,857,992.55
	806,580,232.97	903,839,829.66

5

2018		19,592,978.83	
2019	11,276,992.71	20,480,391.29	
2020	51,754,980.57	74,086,670.43	
2021	40,621,064.37	85,969,048.67	
2022	98,247,703.07	117,728,903.33	
2023	92,575,688.20		
	294,476,428.92	317,857,992.55	--

25



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29

	218,253,088.23	219,118,045.63
	1,009,705,340.34	1,020,883,178.28
	1,227,958,428.57	1,240,001,223.91

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	218,253,088.23	219,118,045.63
	218,253,088.23	219,118,045.63

0.00

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	982,302,195.84	967,136,179.13
	27,403,144.50	53,746,999.15
	1,009,705,340.34	1,020,883,178.28

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	59,363,115.60	
	39,703,577.50	
	29,180,200.00	
	128,246,893.10	--

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	1,957,949,105.65	1,779,206,411.83
	1,957,949,105.65	1,779,206,411.83

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	174,656,000.00	
	88,453,033.00	
	63,700,000.00	
	44,883,000.00	
	44,191,801.74	
	26,196,386.77	
	442,080,221.51	--

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	81,677,783.84	562,050,460.86	524,767,731.02	118,960,513.68
-	3,397,665.33	63,733,174.27	63,535,600.18	3,595,239.42
	2,008,265.78	136,686.07	390,119.86	1,754,831.99
	87,083,714.95	625,920,321.20	588,693,451.06	124,310,585.09

2

1	70,344,003.50	459,523,811.52	420,560,131.03	109,307,683.99
2	5,006,342.91	26,570,218.25	25,841,216.93	5,735,344.23
3	4,610,441.02	31,802,020.30	33,768,524.75	2,643,936.57
	3,686,026.83	26,267,449.02	27,838,940.16	2,114,535.69
	577,697.73	2,621,583.19	2,964,527.42	234,753.50
	346,716.46	2,912,988.09	2,965,057.17	294,647.38
4	141,467.60	35,615,811.74	35,595,996.74	161,282.60
5	1,575,528.81	8,538,599.05	9,001,861.57	1,112,266.29
	81,677,783.84	562,050,460.86	524,767,731.02	118,960,513.68

3

1	2,522,142.03	49,468,861.57	48,661,986.77	3,329,016.83
2	608,718.69	2,082,834.47	2,650,843.92	40,709.24
3	266,804.61	12,181,478.23	12,222,769.49	225,513.35
	3,397,665.33	63,733,174.27	63,535,600.18	3,595,239.42

32

	16,518,897.13	22,991,919.61
	39,585,302.21	63,459,273.51
	2,144,933.04	3,678,390.75
	1,508,444.39	2,309,246.14
	653,847.94	1,069,409.38
	406,620.82	693,140.27
	5,243,415.12	4,161,588.79

	2,516,942.29	2,492,707.46
	182,849.45	385,309.67
	38,115.93	
	68,799,368.32	101,240,985.58

33

	22,995,198.09	25,004,024.46
	1,293,627.00	1,293,627.00
	59,898,325.07	48,754,888.38
	84,187,150.16	75,052,539.84

1

	1,149,983.67	980,747.37
	21,845,214.42	22,621,926.77
		1,401,350.32
	22,995,198.09	25,004,024.46

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	1,293,627.00	1,293,627.00
	1,293,627.00	1,293,627.00

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	21,163,151.61	18,299,651.38
	1,200,000.00	4,464,024.49
	20,576,062.10	8,798,037.91
	180,000.00	2,327,633.77
	12,924,981.13	12,924,981.13
	3,854,130.23	1,940,559.70
	59,898,325.07	48,754,888.38

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	84,502,000.00	729,502,000.00
	1,135,920.00	1,135,920.00
	85,637,920.00	730,637,920.00

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16 MTN004	100.00	2016-9-8	5	200,000,0 00.00	200,000,0 00.00		9,000,000 .00				200,000,0 00.00
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	1,254,000.00	1,254,000.00	
	1,324,640.00		
	2,578,640.00	1,254,000.00	--

42

	115,425,530.20	13,399,193.95	16,859,435.32		

								/
	22,248,000.00		3,708,000.00				18,540,000.00	
80000Nm3/h	10,876,000.26		5,437,999.92				5,438,000.34	
	16,800,000.00						16,800,000.00	
14,920	12,992,000.00		1,160,000.00				11,832,000.00	
	16,627,673.71		1,678,000.08				14,949,673.63	
	6,669,028.36	2,610,000.00	742,908.80				8,536,119.56	
	3,190,717.95		333,333.33				2,857,384.62	
	5,681,713.75		614,239.31				5,067,474.44	
2017	4,170,512.81		1,442,369.31				2,728,143.50	
	3,066,977.00	930,971.00					3,997,948.00	
36000Nm3/h	2,105,000.00						2,105,000.00	

17500Nm ² /h	1,698,000.00		283,000.00				1,415,000.00	
	1,666,062.30		38,447.64				1,627,614.66	

1,466,496.34

	230,909,136.21	148,779.00	15,037,347.64	200,000.00	215,820,567.57	
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1			2011	123		
					20,029.28	
(	)	348.86				19,529.28
			348.86		280	
	4,327.11		14,573.31			
14.88			20		14,568.19	
	4,840,297.08				2018	12 31
	121,007,427.13					
2					348.86	
113,740.20					2018	12 31
2,331,672.51						
3				2009		388
	2013			32,326.69		10,083,310.36
				2018	12 31	92,481,467.93

43

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44

		+					
	964,603,777.00						964,603,777.00

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46

	1,624,212,010.10		19,210,500.00	1,605,001,510.10
	11,709,350.46			11,709,350.46
	1,635,921,360.56		19,210,500.00	1,616,710,860.56

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48

	-2,264.17	47,498.13			24,224.05	23,274.09	21,959.88
	-2,264.17	47,498.13			24,224.05	23,274.09	21,959.88
	-2,264.17	47,498.13			24,224.05	23,274.09	21,959.88

49

	58,684,749.21	54,593,625.46	30,075,015.63	83,203,359.04
	58,684,749.21			

50

	273,713,565.68	49,912,169.52		323,625,735.20
	273,713,565.68	49,912,169.52		323,625,735.20

49,912,169.52

10%

51

	1,701,084,728.37	1,343,787,899.11
	1,701,084,728.37	
	740,863,070.52	360,703,991.38
	49,912,169.52	3,407,162.12
	72,345,277.68	
	2,319,690,351.69	1,701,084,728.37

1) 0.00

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3) 0.00

4) 0.00

5) 0.00

52

	7,667,127,191.66	5,850,438,639.80	6,058,635,094.82	4,691,170,878.16
	234,090,258.35	211,035,963.12	393,164,101.10	391,709,032.56
	7,901,217,450.01	6,061,474,602.92	6,451,799,195.92	5,082,879,910.72

53

	17,533,101.25	20,047,396.85
	7,844,923.47	8,839,084.30
	15,214,492.85	15,870,107.49
	5,117,016.55	7,622,708.22
	594,789.43	123,588.79
	3,751,701.73	4,784,616.78
	5,161,237.42	5,866,597.16
	2,068,819.68	
	57,286,082.38	63,154,099.59

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	7,726,486.19	7,507,332.97
	15,598,765.62	12,491,730.50
	6,965,102.39	1,304,506.92
	2,670,300.21	2,384,116.56
	16,156,226.38	16,288,143.88
	32,581,555.80	18,287,631.82
	449,755,322.04	385,056,021.07

56

	91,780,115.71	63,231,378.18
	92,839,643.01	58,692,212.09
	13,015,478.88	8,513,918.19
	5,349,465.67	647,676.23
	8,042,625.67	6,510,503.04
	211,027,328.94	137,595,687.73

57

	104,854,349.44	131,088,006.63
	17,069,600.28	8,211,320.38
	-1,705,967.79	-6,149,650.51
	4,842,106.39	5,083,437.46
	3,697,494.11	5,958,571.28
	94,618,381.87	127,769,044.48

58

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	-58,816,031.30	71,023,526.43
	27,617,481.76	1,110,382.43
	1,487,597.24	
	25,000,173.78	6,469,635.74
	-4,710,778.52	78,603,544.60

59

	31,896,782.96	32,924,341.30
	22,370,174.33	35,778,935.35
	54,266,957.29	68,703,276.65

60

	1,236,284.13	698,130.93
		12,503.25
	1,236,284.13	710,634.18

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62

	-2,881,543.03	1,710,833.35
	-2,881,543.03	1,710,833.35

63

	4,376,332.14	1,816,933.82	4,376,332.14
	1,399,290.76	8,166,473.01	1,399,290.76
	1,510,137.00		1,510,137.00
	522,480.01	812,802.11	522,480.01
	7,808,239.91	10,796,208.94	7,808,239.91

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	135,000.00	128,146.30	135,000.00
	7,340,869.81	5,304,376.83	7,340,869.81
	1,724,723.20	160,658.23	1,724,723.20
	521,969.78		521,969.78
	243,668.88		243,668.88
	9,000.00		9,000.00
		250,000.00	
	229,166.14	2,674,267.57	229,166.14
	10,204,397.81	8,517,448.93	10,204,397.81

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	173,783,262.01	151,333,052.34
	-9,440,151.53	-2,005,104.62
	164,343,110.48	149,327,947.72

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	959,045,494.04
/	143,856,824.13
	47,226,589.70
	-352,780.51
	-2,209,920.05
	3,326,130.19
	-24,811,180.61
	7,298,435.55
	-9,391,416.81
	-599,571.11
	164,343,110.48

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	35,918,147.28	46,217,812.35
	17,069,600.28	7,374,882.02
	99,256,413.36	23,089,064.02
	9,466,497.25	13,134,261.15
	2,663,472.72	3,208,183.15
	164,374,130.89	93,024,202.69

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	657,000,000.00	102,800,000.00
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	1,135,920.00	1,135,920.00
	19,210,500.00	40,679,522.50
		1,550,000.00
		1,112,827.78
	20,346,420.00	44,478,270.28

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	794,702,383.56	381,992,910.52
	-4,710,778.52	78,603,544.60
	529,513,882.83	513,549,984.25
	20,023,904.37	19,810,521.43
	2,881,543.03	-1,710,833.35
	214,586.20	160,658.23
	98,128,669.81	131,579,532.27
	-1,236,284.13	-710,634.18
	-9,440,151.53	-2,005,104.62

	-248,119,606.31	-171,388,260.96
	-220,748,710.91	-750,382,728.46
	295,013,908.36	651,669,769.64
	25,744,517.99	10,481,499.08
	1,281,967,864.75	861,650,858.45
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	1,143,675,953.46	1,035,031,109.80
	1,035,031,109.80	458,670,075.43
	108,644,843.66	576,361,034.37

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	1,143,675,953.46	1,035,031,109.80
	57,899.40	85,631.14

	1,143,618,054.06	1,034,945,478.66
	1,143,675,953.46	1,035,031,109.80

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	75,836,313.69	74,838,457.03
	6,027,416.24	4,203,350.00
	9,360,000.00	11,700,000.00
	70,200,000.00	100,000,000.00
	161,423,729.93	190,741,807.03

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218,158.76

285,172.80

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	161,423,729.93	
	400,889,576.41	
	21,269,364.11	
	583,582,670.45	--

286,454,873.53

17,569,513.53

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	3,898,826.56	6.8632	26,758,425.52
	4,574,759.11	7.8473	35,899,507.18

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	934,837.40	6.8632	6,415,976.05
	825,004.26	7.8473	6,474,055.93
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			5,073,437.15
	152,889.12	6.8632	1,049,308.60
	512,804.22	7.8473	4,024,128.55

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	230,909,136.21	148,779.00	15,037,347.64	200,000.00	215,820,567.57
	22,248,000.00		3,708,000.00		18,540,000.00
	16,800,000.00				16,800,000.00
	16,627,673.71		1,678,000.08		14,949,673.63
14,920	12,992,000.00		1,160,000.00		11,832,000.00
	774,201.68	8,537,222.95	581,702.16		8,729,722.47
	6,669,028.36	2,610,000.00	742,908.80		8,536,119.56
80000Nm 7h	10,876,000.26		5,437,999.92		5,438,000.34
	5,681,713.75		614,239.31		5,067,474.44
	3,066,977.00	930,971.00			3,997,948.00
	3,190,717.95		333,333.33		2,857,384.62
2017	4,170,512.81		1,442,369.31		2,728,143.50
36000Nm 7h	2,105,000.00				2,105,000.00
	1,666,062.30		38,447.64		1,627,614.66
17500Nm 7h	1,698,000.00		283,000.00		1,415,000.00
	1,482,176.47		160,235.29		1,321,941.18
	1,466,496.34		158,540.15		1,307,956.19
		1,321,000.00	22,016.67		1,298,983.33
	1,367,541.69		142,866.68		1,224,675.01
	1,069,230.20		115,592.45		953,637.75
	846,697.68		91,534.88		755,162.80
	450,000.00		48,648.65		401,351.35
	177,500.00		100,000.00		77,500.00
	346,334,666.41	13,547,972.95	31,896,782.96	200,000.00	327,785,856.40

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		2013
		2013 72
14,920		2011
		2011 1952

80000Nm 7h		
2017		
36000Nm 7h		36000Nm 7h
17500Nm 7h		2014 2014 844
		2008 2008 789

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	13,700,000.00		2018 2018 56
	2,967,330.32		
	1,000,000.00		2018 () 2018 116
	500,000.00		2016 52
	400,000.00		
	352,608.29		
	350,000.00		2017 2018 45
	306,741.33		
	300,000.00		2018 () 2018 241

	260,000.00		<	
			>	2017
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	250,000.00			
2017	240,036.00			
	224,410.10			
	200,000.00			

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		2018-7-25	10,000,000.00	100.00%
		2018-3-2	50,000,000.00	100.00%
		2018-9-29	8,000,000.00	100.00%

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		2018-12-5	3,687,160.75	325,976.57

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				100.00%		
				73.33%		
				100.00%		
				51.00%		

				51.00%		
				51.00%		
				60.00%	26.67%	
				100.00%		
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				100.00%		
				80.00%		

				100.00%		
				100.00%		
				100.00%		
				100.00%		
				74.13%		
				84.00%	16.00%	
				100.00%		
				100.00%		
				100.00%		

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	26.67%	9,780,758.48	6,000,000.00	79,518,188.12
	49.00%	1,858,953.91		22,611,722.72
	49.00%	8,123,077.15	2,610,139.35	34,715,972.88
	25.87%	3,558,525.51		32,898,432.23
	13.33%	6,321,807.34	2,400,000.00	37,250,656.16
	30.00%	9,481,610.96	13,500,000.00	53,131,770.06
	10.00%	3,494,068.18		5,931,647.20
	33.33%	-654,338.69		-5,562,367.11
	10.00%	1,562,577.92		11,078,455.70
	30.00%	12,047,826.98	7,500,000.00	77,566,889.47
	40.00%	-9,327,340.04		3,300,733.37

	30.00%	3,234,770.79		19,031,128.97
	20.00%	5,436,831.88		29,650,314.73
	10.00%	24,369.76		3,057,277.29
	49.00%	-1,263,915.61		498,325.13

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	258,807, 746.46	141,048, 134.07	399,855, 880.53	88,597.7 53.90	13,086.0 00.00	101,683, 753.90	214,705, 985.51	150,506, 601.87	365,212, 587.38	67,583.2 47.47	14,246.0 00.00	81,829.2 47.47
	149,736, 403.95	30,486.9 92.92	180,223, 396.87	133,671, 801.76	412,090. 24	134,083, 892.00	107,219, 879.14	32,369.9 48.81	139,589, 827.95	91,639.4 57.40	3,875.82 2.92	95,515.2 80.32
	63,156.4 28.44	19,110.9 18.45	82,267.3 46.89	11,418.9 77.06		11,418.9 77.06	51,163.6 32.98	21,088.0 38.75	72,251.6 71.73	12,939.1 97.91		12,939.1 97.91
	162,201, 799.22	124,392, 154.21	286,593, 953.43	7,057.66 7.61	77,500.0 0	7,135.16 7.61	150,292, 316.02	103,667, 373.91	253,959, 689.93	3,748.81 5.50	177,500. 00	3,926.31 5.50
	105,817, 395.98	80,294.1 15.94	186,111, 511.92	9,005.61 1.74		9,005.61 1.74	102,388, 944.74	97,320.6 19.58	199,709, 564.32	9,688.48 6.21		9,688.48 6.21
	54,834.6 70.30	199,019, 577.10	253,854, 247.40	129,537, 775.28	65,000.0 00.00	194,537, 775.28	55,027.7 18.38	221,281, 312.86	276,309, 031.24	99,585.2 43.45	153,000, 000.00	252,585, 243.45
	32,077.1 09.94		32,077.1 09.94	35,763.8 68.73	13,000.0 00.00	48,763.8 68.73	27,987.9 41.27		27,987.9 41.27	20,711.6 83.99	22,000.0 00.00	42,711.6 83.99
	25,320.7 38.44	163,500, 871.49	188,821, 609.93	6,622.05 2.91	71,415.0 00.00	78,037.0 52.91	18,599.2 41.17	180,700, 848.13	199,300, 089.30	131,759, 174.23	16,698.0 00.00	148,457, 174.23
	28,800.9 96.89	236,078, 981.02	264,879, 977.91	6,323.67 9.67		6,323.67 9.67	56,506.4 20.48	197,676, 668.48	254,183, 088.96	10,786.2 13.98		10,786.2 13.98
	17,703.1 87.22	134,460, 670.29	152,163, 857.51	23,513.3 87.08	111,000, 000.00	134,513, 387.08	29,541.2 17.82	152,469, 196.50	182,010, 414.32	25,041.5 93.79	116,000, 000.00	141,041, 593.79
	18,748.6 99.09	62,157.5 54.06	80,906.2 53.15	17,469.1 56.58		17,469.1 56.58	18,282.3 55.19	71,173.6 54.90	89,456.0 10.09	8,411.48 2.82	30,000.0 00.00	38,411.4 82.82

	94,822,564.80	365,127,368.15	459,949,932.95	111,698,359.31	200,000,000.00	311,698,359.31	45,891,010.64	349,688,336.67	395,579,347.31	105,818,908.13	170,000,000.00	275,818,908.13
	30,944,411.41	40,317.13	30,984,728.54	407,995.82		407,995.82	30,771,128.76	41,104.96	30,812,233.72	479,198.60		479,198.60
	1,739,422.24		1,739,422.24	722,432.18		722,432.18	1,090,652.76	635.18	1,091,287.94	631,536.41		631,536.41
	139,709,898.34	25,186,841.09	164,896,739.43	37,426,073.79	301,312.57	37,727,386.36	126,781,966.79	25,932,944.81	152,714,911.60	38,522,989.77	695,417.85	39,218,407.62

	240,847,437.05	36,677,844.30	36,677,844.30	35,364,989.82	207,673,693.88	25,043,787.58	25,043,787.58	20,138,683.00
	144,125,312.84	3,953,512.01	3,953,512.01	4,440,692.97	126,131,056.73	1,969,111.47	1,969,111.47	2,829,440.35
	88,023,312.77	16,577,708.47	16,577,708.47	7,306,437.85	55,340,795.31	8,988,897.17	8,988,897.17	13,822,659.44
	302,091,640.11	47,425,411.39	47,425,411.39	20,055,118.10	258,677,064.96	32,433,563.52	32,433,563.52	11,335,367.65
	274,847,015.14	31,605,369.87	31,605,369.87	25,275,503.42	249,465,092.36	26,892,921.00	26,892,921.00	2,004,786.89
	114,836,962.13	34,940,681.81	34,940,681.81	41,401,989.72	9,637,967.33	-28,252,916.37	-28,252,916.37	-10,932,289.43
		-1,963,016.07	-1,963,016.07	-32,726.43		-5,373,672.80	-5,373,672.80	-808,796.78
	149,781,803.87	15,625,779.22	15,625,779.22	19,142,721.41	99,186,096.70	1,755,010.13	1,755,010.13	16,291,837.23
	389,294,273.80	40,159,423.26	40,159,423.26	63,401,739.47	387,179,129.27	38,846,350.17	38,846,350.17	52,475,127.95
	411,445.20	-23,318,350.10	-23,318,350.10	10,447,029.69	204,663.51	-24,060,214.71	-24,060,214.71	-7,484,553.55
	83,263,079.28	10,782,569.30	10,782,569.30	21,551,710.57	85,944,233.49	9,806,498.94	9,806,498.94	12,714,231.33
	371,449,792.98	27,184,159.42	27,184,159.42	-9,742,788.12	333,327,126.50	16,926,791.44	16,926,791.44	47,208,442.31
	4,338,707.43	243,697.60	243,697.60	205,923.13	2,512,170.35	10,310.70	10,310.70	-142,069.33
	134,805.21	-2,579,419.61	-2,579,419.61	-3,594,262.05	2,635,456.24	172,988.27	172,988.27	-2,358,468.03

	168,175,060. 40	13,755,413.6 4	13,755,413.6 4	3,993,260.55	125,318,945. 61	9,509,589.93	9,509,589.93	6,767,007.40

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	61,864,538.02	60,152,300.42
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--	1,236,284.13	698,130.93
--	1,236,284.13	698,130.93

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2018 12 31	29.79%(2017
12 31 26.31%)	
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		1	1-2	2	
	1,156,340,410.11				1,156,340,410.11
	1,156,340,410.11				1,156,340,410.11

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			1	1-3	3
	1,227,958,428.57	1,227,958,428.57	1,227,958,428.57		
	84,187,150.16	84,187,150.16	84,187,150.16		
	85,637,920.00	87,258,070.68	87,258,070.68		
	754,000,000.00	839,392,888.39		680,249,981.56	159,142,906.83
	1,000,000,000.00	1,097,393,150.69		1,097,393,150.69	
	765,000.00	765,000.00	765,000.00		
	3,152,548,498.73	3,336,954,688.49	1,400,168,649.41	1,777,643,132.25	159,142,906.83

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			1	1-3	3
	311,131,600.00	313,993,869.04	313,993,869.04		
	1,240,001,223.91	1,240,001,223.91	1,240,001,223.91		
	75,052,539.84	75,052,539.84	75,052,539.84		
	730,637,920.00	753,565,085.99	753,565,085.99		
	403,502,000.00	520,000,795.55		133,327,256.67	386,673,538.88
	1,000,000,000.00	1,148,765,833.33		569,790,833.33	578,975,000.00
	1,945,920.00	1,945,920.00		1,945,920.00	
	3,762,271,203.75	4,053,325,267.66	2,382,612,718.78	705,064,010.00	965,648,538.88

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2018 12 31 836,000,000.00 (2017 12 31
1,133,248,260.00) 50

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		910,616.49	36,999.06
		287,185.90	
		76,161,236.37	44,719,570.44

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		2,181,742.72	2,162,087.39
		3,181,818.18	3,264,144.14
		393,762.73	390,215.25
		5,757,323.63	5,816,446.78

		455,123.82	

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	133,000,000.00	2016 9 30	2022 9 30	
	86,000,000.00	2016 12 21	2023 12 21	
	164,000,000.00	2017 2 8	2025 1 23	
	101,353,300.00	2017 6 16	2020 6 30	
	53,000,000.00	2018 3 31	2021 6 26	
	537,353,300.00			

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	2,502,000.00	2010 4 16	2019 12 31	
	53,000,000.00	2018 6 27	2021 6 21	
	1,135,920.00	2010 1 1	2019 12 31	
		2016 3 22	2018 3 22	
	56,637,920.00			

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	9,672,500.00	6,833,600.00

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	95,991.52	93,727.36
	73,898.64	71,634.48
	60,126.24	58,616.80
	46,870.48	45,361.04
	36,014.08	35,259.36
	31,357.44	30,602.72
	24,411.12	22,524.32
	368,669.52	357,726.08

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	1,004,154.00	1,004,154.00
	767,550.60	767,550.60
	628,066.80	628,066.80
	486,028.20	486,028.20
	377,791.20	377,791.20
	327,881.40	327,881.40
	241,340.40	241,340.40
	3,832,812.60	3,832,812.60

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	92,264.15	
	24,779.09	1,056.60
	16,927.50	396.23
	16,774.37	594.34
	9,761.22	
	4,979.10	
	4,707.79	11,688.68
	1,821.52	
	441.50	132.08
	211.32	
	132.08	66.04

		6,371,834.76	254,873.39	4,102,951.17	169,169.77
		3,268,269.20	130,730.77	2,953,808.94	131,655.99
		2,878,072.60	115,122.90	11,143,351.75	190,862.74
		602,705.07	24,108.20	1,438,143.75	57,525.75
		17,583,825.66	783,509.19	10,908,795.82	455,871.83
		892,244.81	45,483.10	1,263,003.82	50,997.97
		5,816,786.03	1,517,706.88	4,524,380.39	

		79,222,423.24	59,700,128.10
		1,937,062.34	2,204,448.34
		2,000.00	2,000.00
		2,000.00	10,000.00
		1,000.00	8,800.00
		2,000.00	8,000.00
		1,000.00	17,000.00
		1,000.00	4,300.00
			14,000.00
		1,946,062.34	2,268,548.34

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1. 2017 12 18
80,000m³/h 2.05
2018 12 31 5,000 80,000m³/h

2. 2018 12 14

65,000m³/h
20,000m³/h
30,000m³/h
62,500
20,000m³/h
12,000
65,000m³/h
30,000m³/h
35,500
15,000

3. 2018 12 31

90,087.29 68,237.82 21,849.47

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2017 4 25

70,000m³/h
70,000m³/h

2 40000m³/h

2 40000m³/h

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	4,781,591,063.68	4,614,397,000.51	277,395,912.94	-2,006,256,785.47	7,667,127,191.66
	3,945,849,723.53	3,707,990,637.89	241,953,354.54	-2,045,355,076.16	5,850,438,639.80
	12,296,654,376.46	5,223,853,609.00	430,357,882.81	-6,604,044,651.74	11,346,821,216.53
	6,788,746,345.40	2,003,447,943.31	340,301,178.80	-3,498,209,441.27	5,634,286,026.24

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90%

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2019 1 9

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	762,721,816.05	580,394,501.92
	1,110,460,168.80	1,141,386,537.96
	1,873,181,984.85	1,721,781,039.88

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	762,621,816.05	580,394,501.92
	100,000.00	
	762,721,816.05	580,394,501.92

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	439,263,483.93	

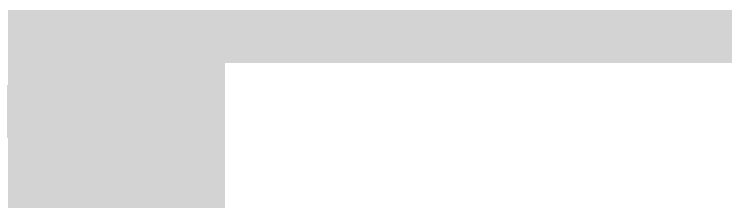
	439,263,483.93	
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-102,622,243.98	0.00
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	106,672,342.00		4,266,893.68
	105,757,861.10	7.01	4,230,314.44
	90,666,616.00	6.01	18,519,078.41
		5.88	3,551,131.22
	3,000.00	5.28	32,697,701.28
	471,495,100.59	31.25	63,265,119.03

		836,438.36
	14,294,418.61	19,164,358.97
	14,294,418.61	20,000,797.33

		836,438.36
		836,438.36

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1	7,419,624.99	296,785.00	4.00%
1 2	4,949,500.00	395,960.00	8.00%
2 3	2,266,418.28	453,283.66	20.00%
3 4	896,008.00	448,004.00	50.00%
4 5	713,800.00	356,900.00	50.00%
5	2,137,688.09	2,137,688.09	100.00%
	18,383,039.36	4,088,620.75	22.24%

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		2,000,000.00	1 5 3-4	10.88%	990,000.00
		1,500,000.00	2-3	8.16%	300,000.00
		1,400,000.00	1-2	7.62%	112,000.00
		1,200,000.00	1-2	6.53%	96,000.00
		1,100,044.00	1	5.98%	44,001.76
	--	7,200,044.00	--	39.17%	1,542,001.76

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	2,875,969,982.42		2,875,969,982.42	2,737,584,010.82		2,737,584,010.82
	48,050,341.10		48,050,341.10	48,071,576.80		48,071,576.80
	2,924,020,323.52		2,924,020,323.52	2,785,655,587.62		2,785,655,587.62

1

	81,490,000.00			81,490,000.00		

	10,200,000.00			10,200,000.00		
	21,935,785.33			21,935,785.33		
	13,583,378.25			13,583,378.25		
	336,003,378.56			336,003,378.56		
	31,645,148.61			31,645,148.61		
	9,302,747.94	18,000,000.00		27,302,747.94		
	40,210,500.00	19,210,500.00		59,421,000.00		
	99,686,279.72			99,686,279.72		
	50,664,676.70			50,664,676.70		
	5,024,247.37			5,024,247.37		
	9,288,420.05			9,288,420.05		
	25,840,000.00			25,840,000.00		
	36,000,000.00			36,000,000.00		
				211,496,718.29		
				70,000,000.00		
	18,000,000.00			18,000,000.00		
	50,000,000.00			50,000,000.00		
	285,300,000.00			285,300,000.00		
	63,000,000.00			63,000,000.00		
	5,775,000.00			5,775,000.00		
	20,000,000.00			20,000,000.00		
	72,000,000.00			72,000,000.00		
	10,000,000.00			10,000,000.00		
	54,000,000.00	39,600,000.00		93,600,000.00		

	6.80			7		.47	.00			1.10	
	48,071,57 6.80									48,050,34 1.10	

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	2,407,684,641.91	2,022,959,045.33	1,632,147,641.12	1,383,168,769.56
	99,145,163.44	20,360,866.62	83,886,446.04	17,796,451.91
	2,506,829,805.35	2,043,319,911.95	1,716,034,087.16	1,400,965,221.47

5

	305,066,675.65	84,138,043.00
	-27,189.17	261,632.58
		2,533,103.23
		12,503.25
	54,190,223.71	49,344,087.09
	359,229,710.19	136,289,369.15

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	-3,096,129.23	
	54,266,957.29	
	-2,181,571.70	
	9,480,771.29	
	2,040,456.21	
	37,468,028.86	--

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	14.93%	0.77	0.77
	14.17%	0.73	0.73

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