

Annexure- IV

Energy Balance Table of India from 2012-13 to 2021-22

Table-I : Energy Balance of India for 2012-13 (Final)

All figures in KToE

	Coal #	Crude Oil	Oil Products	Natural Gas	Nuclear	Hydro	Solar, Wind, Others	Electricity	Total
Production	253,773	38,693	0	37,420	8,565	9,790	5,091	0	353,332
Imports	74,275	188,860	16,426	16,203	0	0	0	412	296,176
Exports	-1,661	0	-60,505	0	0	0	0	-13	-62,180
Stock changes	6,274	0	0	0	0	0	0	0	6,274
Total primary energy supply	332,660	227,553	-44,080	53,623	8,565	9,790	5,091	399	593,601
Statistical differences	3,973	15,231	-17,207	966	0	0	0	-1,075	1,889
Main activity producer electricity plants	-194,267	0	-1,696	-14,789	-8,565	-9,780	-4,941	82,946	-151,092
Autoproducer electricity plants	0	0	0	0	0	-10	-151	12,385	12,224
Oil refineries	0	-224,034	221,619	0	0	0	0	0	-2,415
Energy industry own use	0	0	0	-15,883	0	0	0	-5,513	-21,396
Losses	0	-18,751	0	-28	0	0	0	-18,252	-37,030
Final consumption	142,366	0	158,636	23,889	0	0	0	70,890	395,782
Industry	142,366	0	32,835	248	0	0	0	31,475	206,924
Iron and steel	38,213	0	943	0	0	0	0	0	39,156
Chemical and petrochemical	1,505	0	12,581	0	0	0	0	0	14,086
Non-ferrous metals	0	0	249	0	0	0	0	0	249
Machinery	0	0	275	0	0	0	0	0	275
Mining and quarrying	0	0	1,124	0	0	0	0	0	1,124
Paper, pulp and print	1,273	0	0	0	0	0	0	0	1,273
Construction	8,403	0	834	0	0	0	0	0	9,237
Textile and leather	951	0	287	0	0	0	0	0	1,237
Non-specified (industry)	92,022	0	16,543	248	0	0	0	31,475	140,288
Transport	0	0	28,302	5,672	0	0	0	1,213	35,187
Road	0	0	19,373	5,317	0	0	0	0	24,690
Domestic aviation	0	0	5,616	0	0	0	0	0	5,616
Rail	0	0	2,628	0	0	0	0	1,213	3,841
Pipeline transport	0	0	0	356	0	0	0	0	356
Domestic navigation	0	0	685	0	0	0	0	0	685
Non-specified (transport)	0	0	0	0	0	0	0	0	0
Other	0	0	97,499	1,112	0	0	0	38,202	136,814
Residential	0	0	22,624	0	0	0	0	15,798	38,422
Commercial and public services	0	0	37	0	0	0	0	6,260	6,297
Agriculture/forestry	0	0	718	168	0	0	0	12,682	13,567
Non-specified (other)	0	0	74,120	945	0	0	0	3,462	78,527
Non-energy use	0	0	0	16,856	0	0	0	0	16,856
Non-energy use industry/transformation/energy	0	0	0	16,856	0	0	0	0	16,856
Non-energy use in transport	0	0	0	0	0	0	0	0	0
Non-energy use in other	0	0	0	0	0	0	0	0	0
Elect. output in GWh	0	0	0	0	32,866	113,838	59,199	0	205,904
Elec output-main activity producer ele plants	0	0	0	0	32,866	113,720	57,449	0	204,035
Elec output-autoproducer electricity plants	0	0	0	0	0	118	1,750	0	1,869
Final consumption refers to End Use Consumption									
# Includes lignite									

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Table-II: Energy Balance of India for 2013-14 (Final)

All figures in KToE

	Coal #	Crude Oil	Oil Products	Natural Gas	Nuclear	Hydro	Solar, Wind, Others	Electricity	Total
Production	256,931	38,620	0	32,569	8,920	11,608	5,798	0	354,446
Imports	83,250	193,401	16,637	16,374	0	0	0	481	310,144
Exports	-1,474	0	-69,891	0	0	0	0	-142	-71,507
Stock changes	4,481	0	0	0	0	0	0	0	4,481
Total primary energy supply	343,188	232,021	-53,254	48,943	8,920	11,608	5,798	339	597,564
Statistical differences	6,308	13,632	-9,923	1,325	0	0	0	-1,091	10,251
Main activity producer electricity plants	-194,980	0	-1,390	-10,379	-8,920	-11,597	-5,635	88,292	-144,609
Autoproducer electricity plants	0	0	0	0	0	-11	-164	12,813	12,638
Oil refineries	0	-227,391	224,632	0	0	0	0	0	-2,760
Energy industry own use	0	0	0	-15,669	0	0	0	-6,034	-21,703
Losses	0	-18,261	0	-62	0	0	0	-19,137	-37,460
Final consumption	154,516	0	160,065	24,158	0	0	0	75,182	413,921
Industry	154,516	0	31,466	240	0	0	0	33,060	219,282
Iron and steel	37,649	0	771	0	0	0	0	0	38,419
Chemical and petrochemical	1,389	0	11,431	0	0	0	0	0	12,820
Non-ferrous metals	0	0	250	0	0	0	0	0	250
Machinery	0	0	122	0	0	0	0	0	122
Mining and quarrying	0	0	943	0	0	0	0	0	943
Paper, pulp and print	1,297	0	0	0	0	0	0	0	1,297
Construction	8,957	0	390	0	0	0	0	0	9,346
Textile and leather	357	0	104	0	0	0	0	0	460
Non-specified (industry)	104,869	0	17,457	240	0	0	0	33,060	155,625
Transport	0	0	28,023	5,773	0	0	0	1,336	35,133
Road	0	0	18,767	5,431	0	0	0	0	24,198
Domestic aviation	0	0	5,865	0	0	0	0	0	5,865
Rail	0	0	2,724	0	0	0	0	1,336	4,060
Pipeline transport	0	0	0	342	0	0	0	0	342
Domestic navigation	0	0	667	0	0	0	0	0	667
Non-specified (transport)	0	0	0	0	0	0	0	0	0
Other	0	0	100,575	1,083	0	0	0	40,786	142,444
Residential	0	0	23,239	0	0	0	0	17,186	40,426
Commercial and public services	0	0	107	0	0	0	0	6,385	6,492
Agriculture/forestry	0	0	520	180	0	0	0	13,136	13,836
Non-specified (other)	0	0	76,710	903	0	0	0	4,078	81,691
Non-energy use	0	0	0	17,062	0	0	0	0	17,062
Non-energy use industry/transformation/energy	0	0	0	17,062	0	0	0	0	17,062
Non-energy use in transport	0	0	0	0	0	0	0	0	0
Non-energy use in other	0	0	0	0	0	0	0	0	0
Elect. output in GWh	0	0	0	0	34,228	134,977	67,422	0	236,627
Elec output-main activity producer ele plants	0	0	0	0	34,228	134,848	65,520	0	234,595
Elec output-autoproducer electricity plants	0	0	0	0	0	129	1,903	0	2,032

Final consumption refers to End Use Consumption

Includes lignite

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Table-III: Energy Balance of India for 2014-15 (Final)									
<i>All figures in KToE</i>									
	Coal #	Crude Oil	Oil Products	Natural Gas	Nuclear	Hydro	Solar, Wind, Others	Electricity	Total
Production	274,301	38,285	0	30,960	9,408	11,127	6,555	0	370,637
Imports	110,187	193,602	20,887	17,115	0	0	0	431	342,222
Exports	-835	0	-66,210	0	0	0	0	-381	-67,426
Stock changes	-2,742	0	0	0	0	0	0	0	-2,742
Total primary energy supply	380,911	231,887	-45,323	48,075	9,408	11,127	6,555	49	642,690
Statistical differences	7,464	14,323	-11,424	645	0	0	0	-1,255	9,753
Main activity producer electricity plants	-215,967	0	-1,187	-9,861	-9,408	-11,115	-6,326	96,049	-157,815
Autoproducer electricity plants	0	0	0	0	0	-12	-228	13,937	13,696
Oil refineries	0	-228,153	225,063	0	0	0	0	0	-3,090
Energy industry own use	0	0	0	-15,109	0	0	0	-6,559	-21,668
Losses	0	-18,058	0	-93	0	0	0	-20,649	-38,800
Final consumption	172,407	0	167,129	23,657	0	0	0	81,573	444,767
Industry	172,407	0	33,543	490	0	0	0	35,978	242,418
Iron and steel	38,943	0	823	0	0	0	0	0	39,766
Chemical and petrochemical	1,421	0	11,251	0	0	0	0	0	12,672
Non-ferrous metals	0	0	244	0	0	0	0	0	244
Machinery	0	0	112	0	0	0	0	0	112
Mining and quarrying	0	0	1,078	0	0	0	0	0	1,078
Paper, pulp and print	1,015	0	0	0	0	0	0	0	1,015
Construction	6,466	0	433	0	0	0	0	0	6,899
Textile and leather	877	0	127	0	0	0	0	0	1,004
Non-specified (industry)	123,686	0	19,473	490	0	0	0	35,978	179,627
Transport	0	0	31,798	5,304	0	0	0	1,391	38,493
Road	0	0	22,243	4,981	0	0	0	0	27,224
Domestic aviation	0	0	6,098	0	0	0	0	0	6,098
Rail	0	0	2,787	0	0	0	0	1,391	4,178
Pipeline transport	0	0	0	322	0	0	0	0	322
Domestic navigation	0	0	670	0	0	0	0	0	670
Non-specified (transport)	0	0	0	0	0	0	0	0	0
Other	0	0	101,788	1,091	0	0	0	44,204	147,083
Residential	0	0	24,989	0	0	0	0	18,697	43,685
Commercial and public services	0	0	60	0	0	0	0	6,742	6,801
Agriculture/forestry	0	0	655	166	0	0	0	14,527	15,347
Non-specified (other)	0	0	76,085	925	0	0	0	4,239	81,249
Non-energy use	0	0	0	16,772	0	0	0	0	16,772
Non-energy use industry/transformation/energy	0	0	0	16,772	0	0	0	0	16,772
Non-energy use in transport	0	0	0	0	0	0	0	0	0
Non-energy use in other	0	0	0	0	0	0	0	0	0
Elect. output in GWh	0	0	0	0	36,102	129,388	76,220	0	241,710
Elec output-main activity producer ele plants	0	0	0	0	36,102	129,244	73,563	0	238,908
Elec output-autoproducer electricity plants	0	0	0	0	0	145	2,656	0	2,801
Final consumption refers to End Use Consumption									
# Includes lignite									

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Table-IV: Energy Balance of India for 2015-16 (Final)

All figures in KToE

	Coal #	Crude Oil	Oil Products	Natural Gas	Nuclear	Hydro	Solar, Wind, Others	Electricity	Total
Production	285,600	37,754	0	29,665	9,750	10,448	5,833	0	379,050
Imports	107,058	207,313	28,362	19,674	0	0	0	451	362,859
Exports	-1,061	0	-62,952	0	0	0	0	-443	-64,456
Stock changes	-3,836	0	0	0	0	0	0	0	-3,836
Total primary energy supply	387,761	245,067	-34,590	49,339	9,750	10,448	5,833	8	673,617
Statistical differences	4,999	12,106	-14,566	144	0	0	0	-1,264	1,421
Main activity producer electricity plants	-223,875	0	-898	-10,017	-9,750	-10,438	-5,657	100,412	-160,223
Autoproducer electricity plants	0	0	0	0	0	-9	-176	14,480	14,295
Oil refineries	0	-237,987	236,171	0	0	0	0	0	-1,817
Energy industry own use	0	0	0	-13,812	0	0	0	-6,820	-20,632
Losses	0	-19,186	0	-108	0	0	0	-20,714	-40,008
Final consumption	168,885	0	186,117	25,547	0	0	0	86,102	466,651
Industry	168,885	0	41,446	502	0	0	0	36,423	247,256
Iron and steel	34,122	0	962	0	0	0	0	0	35,085
Chemical and petrochemical	1,379	0	12,239	0	0	0	0	0	13,618
Non-ferrous metals	0	0	226	0	0	0	0	0	226
Machinery	0	0	188	0	0	0	0	0	188
Mining and quarrying	0	0	1,276	0	0	0	0	0	1,276
Paper, pulp and print	735	0	0	0	0	0	0	0	735
Construction	4,907	0	732	0	0	0	0	0	5,640
Textile and leather	534	0	113	0	0	0	0	0	647
Non-specified (industry)	127,208	0	25,710	502	0	0	0	36,423	189,843
Transport	0	0	36,562	5,403	0	0	0	1,427	43,392
Road	0	0	26,376	5,026	0	0	0	0	31,402
Domestic aviation	0	0	6,672	0	0	0	0	0	6,672
Rail	0	0	2,821	0	0	0	0	1,427	4,249
Pipeline transport	0	0	0	377	0	0	0	0	377
Domestic navigation	0	0	693	0	0	0	0	0	693
Non-specified (transport)	0	0	0	0	0	0	0	0	0
Other	0	0	108,109	866	0	0	0	48,252	157,227
Residential	0	0	26,012	0	0	0	0	20,543	46,555
Commercial and public services	0	0	63	0	0	0	0	7,399	7,463
Agriculture/forestry	0	0	714	172	0	0	0	14,894	15,780
Non-specified (other)	0	0	81,320	694	0	0	0	5,416	87,430
Non-energy use	0	0	0	18,776	0	0	0	0	18,776
Non-energy use industry/transformation/energy	0	0	0	18,776	0	0	0	0	18,776
Non-energy use in transport	0	0	0	0	0	0	0	0	0
Non-energy use in other	0	0	0	0	0	0	0	0	0
Elect. output in GWh	0	0	0	0	37,414	121,487	67,827	0	226,727
Elec output-main activity producer ele plants	0	0	0	0	37,414	121,377	65,781	0	224,571
Elec output-autoproducer electricity plants	0	0	0	0	0	110	2,046	0	2,156
Final consumption refers to End Use Consumption									
# Includes lignite									

Annexure- IV

Table-V: Energy Balance of India for 2016-17 (Final)

All figures in KToE

	Coal #	Crude Oil	Oil Products	Natural Gas	Nuclear	Hydro	Solar, Wind, Others	Electricity	Total
Production	290,296	36,801	0	29,340	9,881	10,537	7,209	0	384,064
Imports	101,178	218,638	34,412	22,858	0	0	0	483	377,568
Exports	-1,195	0	-68,246	0	0	0	0	-577	-70,018
Stock changes	-7,159	0	0	0	0	0	0	0	-7,159
Total primary energy supply	383,119	255,439	-33,833	52,198	9,881	10,537	7,209	-94	684,456
Statistical differences	8,210	15,832	-18,052	-36	0	0	0	-1,280	4,674
Main activity producer electricity plants	-231,348	0	-816	-10,685	-9,881	-10,524	-7,013	106,241	-164,027
Autoproducer electricity plants	0	0	0	0	0	-12	-196	14,796	14,588
Oil refineries	0	-250,760	248,176	0	0	0	0	0	-2,584
Energy industry own use	0	0	0	-13,777	0	0	0	-6,970	-20,747
Losses	0	-20,511	0	-66	0	0	0	-21,431	-42,008
Final consumption	159,981	0	195,475	27,634	0	0	0	91,262	474,352
Industry	159,981	0	45,881	730	0	0	0	37,858	244,449
Iron and steel	30,282	0	1,146	0	0	0	0	0	31,428
Chemical and petrochemical	1,288	0	12,308	0	0	0	0	0	13,596
Non-ferrous metals	0	0	271	0	0	0	0	0	271
Machinery	0	0	183	0	0	0	0	0	183
Mining and quarrying	0	0	1,335	0	0	0	0	0	1,335
Paper, pulp and print	741	0	0	0	0	0	0	0	741
Construction	3,557	0	741	0	0	0	0	0	4,298
Textile and leather	422	0	107	0	0	0	0	0	530
Non-specified (industry)	123,691	0	29,789	730	0	0	0	37,858	192,067
Transport	0	0	39,347	7,194	0	0	0	1,349	47,890
Road	0	0	28,455	6,761	0	0	0	0	35,216
Domestic aviation	0	0	7,456	0	0	0	0	0	7,456
Rail	0	0	2,742	0	0	0	0	1,349	4,091
Pipeline transport	0	0	0	433	0	0	0	0	433
Domestic navigation	0	0	694	0	0	0	0	0	694
Non-specified (transport)	0	0	0	0	0	0	0	0	0
Other	0	0	110,247	867	0	0	0	52,055	163,170
Residential	0	0	26,486	0	0	0	0	22,001	48,487
Commercial and public services	0	0	77	0	0	0	0	7,725	7,801
Agriculture/forestry	0	0	687	169	0	0	0	16,439	17,294
Non-specified (other)	0	0	82,998	699	0	0	0	5,890	89,587
Non-energy use	0	0	0	18,842	0	0	0	0	18,842
Non-energy use industry/transformation/energy	0	0	0	18,842	0	0	0	0	18,842
Non-energy use in transport	0	0	0	0	0	0	0	0	0
Non-energy use in other	0	0	0	0	0	0	0	0	0
Elect. output in GWh	0	0	0	0	37,916	122,521	83,825	0	244,262
Elec output-main activity producer ele plants	0	0	0	0	37,916	122,378	81,548	0	241,842
Elec output-autoproducer electricity plants	0	0	0	0	0	144	2,277	0	2,421
Final consumption refers to End Use Consumption									
# Includes lignite									

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Table-VI: Energy Balance of India for 2017-18 (Final)

All figures in KToE

	Coal #	Crude Oil	Oil Products	Natural Gas	Nuclear	Hydro	Solar, Wind, Others	Electricity	Total
Production	289,971	36,469	0	30,033	9,993	10,856	8,958	0	386,280
Imports	110,334	225,282	33,920	25,240	0	0	0	436	395,212
Exports	-1,014	0	-69,568	0	0	0	0	-619	-71,201
Stock changes	7,997	0	0	0	0	0	0	0	7,997
Total primary energy supply	407,287	261,751	-35,647	55,273	9,993	10,856	8,958	-183	718,288
Statistical differences	11,439	17,355	-15,525	-1,246	0	0	0	-1,389	10,634
Main activity producer electricity plants	-252,328	0	-745	-11,064	-9,993	-10,847	-8,758	112,097	-181,639
Autoproducer electricity plants	0	0	0	0	0	-10	-200	15,461	15,251
Oil refineries	0	-257,477	259,169	0	0	0	0	0	1,692
Energy industry own use	0	0	0	-14,320	0	0	0	-7,065	-21,385
Losses	0	-21,630	0	-87	0	0	0	-22,306	-44,022
Final consumption	166,397	0	207,252	28,556	0	0	0	96,615	498,820
Industry	166,397	0	48,907	919	0	0	0	40,301	256,524
Iron and steel	35,269	0	1,123	0	0	0	0	0	36,392
Chemical and petrochemical	1,137	0	12,011	0	0	0	0	0	13,147
Non-ferrous metals	0	0	273	0	0	0	0	0	273
Machinery	0	0	176	0	0	0	0	0	176
Mining and quarrying	0	0	1,368	0	0	0	0	0	1,368
Paper, pulp and print	967	0	0	0	0	0	0	0	967
Construction	4,452	0	853	0	0	0	0	0	5,305
Textile and leather	685	0	78	0	0	0	0	0	763
Non-specified (industry)	123,888	0	33,025	919	0	0	0	40,301	198,132
Transport	0	0	43,121	8,353	0	0	0	1,499	52,973
Road	0	0	31,063	7,897	0	0	0	0	38,959
Domestic aviation	0	0	8,134	0	0	0	0	0	8,134
Rail	0	0	2,726	0	0	0	0	1,499	4,226
Pipeline transport	0	0	0	456	0	0	0	0	456
Domestic navigation	0	0	1,199	0	0	0	0	0	1,199
Non-specified (transport)	0	0	0	0	0	0	0	0	0
Other	0	0	115,224	907	0	0	0	54,815	170,946
Residential	0	0	26,599	0	0	0	0	23,525	50,124
Commercial and public services	0	0	96	0	0	0	0	8,063	8,159
Agriculture/forestry	0	0	705	173	0	0	0	17,135	18,014
Non-specified (other)	0	0	87,823	734	0	0	0	6,092	94,649
Non-energy use	0	0	0	18,377	0	0	0	0	18,377
Non-energy use industry/transformation/energy	0	0	0	18,377	0	0	0	0	18,377
Non-energy use in transport	0	0	0	0	0	0	0	0	0
Non-energy use in other	0	0	0	0	0	0	0	0	0
Elect. output in GWh	0	0	0	0	38,346	126,235	104,168	0	268,749
Elec output-main activity producer ele plants	0	0	0	0	38,346	126,123	101,839	0	266,308
Elec output-autoproducer electricity plants	0	0	0	0	0	112	2,328	0	2,441

Final consumption refers to End Use Consumption

Includes lignite

Annexure- IV

Table-VII: Energy Balance of India for 2018-19 (Final)

All figures in KToE

	Coal #	Crude Oil	Oil Products	Natural Gas	Nuclear	Hydro	Solar, Wind, Others	Electricity	Total
Production	310,731	34,956	0	30,239	9,854	11,624	11,217	0	408,621
Imports	123,696	231,480	33,120	26,437	0	0	0	378	415,111
Exports	-898	0	-63,507	0	0	0	0	-728	-65,134
Stock changes	2,900	0	0	0	0	0	0	0	2,900
Total primary energy supply	436,430	266,436	-30,388	56,676	9,854	11,624	11,217	-350	761,499
Statistical differences	18,321	18,353	-20,292	-1,532	0	0	0	-1,484	13,365
Main activity producer electricity plants	-267,302	0	-849	-11,043	-9,854	-11,601	-10,901	117,973	-193,577
Autoproducer electricity plants	0	0	0	0	0	-23	-316	18,324	17,985
Oil refineries	0	-262,863	267,135	0	0	0	0	0	4,272
Energy industry own use	0	0	0	-15,136	0	0	0	-7,171	-22,308
Losses	0	-21,926	0	-86	0	0	0	-23,234	-45,246
Final consumption	187,449	0	215,606	28,879	0	0	0	104,058	535,991
Industry	187,449	0	51,252	999	0	0	0	44,651	284,351
Iron and steel	41,103	0	1,175	0	0	0	0	0	42,279
Chemical and petrochemical	958	0	12,635	0	0	0	0	0	13,592
Non-ferrous metals	0	0	407	0	0	0	0	0	407
Machinery	0	0	192	0	0	0	0	0	192
Mining and quarrying	0	0	1,589	0	0	0	0	0	1,589
Paper, pulp and print	1,014	0	0	0	0	0	0	0	1,014
Construction	5,325	0	1,078	0	0	0	0	0	6,403
Textile and leather	705	0	77	0	0	0	0	0	782
Non-specified (industry)	138,344	0	34,100	999	0	0	0	44,651	218,094
Transport	0	0	46,479	8,966	0	0	0	1,620	57,065
Road	0	0	33,398	8,468	0	0	0	0	41,866
Domestic aviation	0	0	8,845	0	0	0	0	0	8,845
Rail	0	0	2,809	0	0	0	0	1,620	4,429
Pipeline transport	0	0	0	497	0	0	0	0	497
Domestic navigation	0	0	1,427	0	0	0	0	0	1,427
Non-specified (transport)	0	0	0	0	0	0	0	0	0
Other	0	0	117,875	980	0	0	0	57,787	176,642
Residential	0	0	27,755	0	0	0	0	24,789	52,544
Commercial and public services	0	0	97	0	0	0	0	8,448	8,544
Agriculture/forestry	0	0	782	177	0	0	0	18,353	19,312
Non-specified (other)	0	0	89,241	804	0	0	0	6,197	96,241
Non-energy use	0	0	0	17,934	0	0	0	0	17,934
Non-energy use industry/transformation/energy	0	0	0	17,934	0	0	0	0	17,934
Non-energy use in transport	0	0	0	0	0	0	0	0	0
Non-energy use in other	0	0	0	0	0	0	0	0	0
Elect. output in GWh	0	0	0	0	37,813	135,164	130,433	0	303,409
Elec output-main activity producer ele plants	0	0	0	0	37,813	134,894	126,759	0	299,465
Elec output-autoproducer electricity plants	0	0	0	0	0	270	3,674	0	3,944
Final consumption refers to End Use Consumption									
# Includes lignite									

Annexure- IV

Table-VIII: Energy Balance of India for 2019-20 (Final)

All figures in KToE

	Coal #	Crude Oil	Oil Products	Natural Gas	Nuclear	Hydro	Solar, Wind, Others	Electricity	Total
Production	308,652	32,877	0	28,685	12,111	13,426	12,440	0	408,191
Imports	130,997	231,947	43,047	31,171	0	0	0	546	437,708
Exports	-715	0	-68,496	0	0	0	0	-816	-70,027
Stock changes	-13,759	0	0	0	0	0	0	0	-13,759
Total primary energy supply	425,175	264,824	-25,449	59,856	12,111	13,426	12,440	-270	762,113
Statistical differences	21,116	19,290	-24,702	-2,262	0	0	0	-1,527	11,916
Main activity producer electricity plants	-267,636	0	-877	-10,192	-12,111	-13,396	-11,897	118,974	-197,135
Autoproducer electricity plants	0	0	0	0	0	-30	-543	20,603	20,030
Oil refineries	0	-259,982	267,734	0	0	0	0	0	7,752
Energy industry own use	0	0	0	-16,600	0	0	0	-7,164	-23,764
Losses	0	-24,132	0	-62	0	0	0	-23,280	-47,475
Final consumption	178,656	0	216,706	30,740	0	0	0	107,335	533,437
Industry	178,656	0	51,332	644	0	0	0	45,822	276,455
Iron and steel	39,936	0	1,089	0	0	0	0	0	41,024
Chemical and petrochemical	948	0	12,593	0	0	0	0	0	13,541
Non-ferrous metals	0	0	336	0	0	0	0	0	336
Machinery	0	0	165	0	0	0	0	0	165
Mining and quarrying	0	0	1,688	0	0	0	0	0	1,688
Paper, pulp and print	837	0	0	0	0	0	0	0	837
Construction	4,903	0	1,092	0	0	0	0	0	5,995
Textile and leather	82	0	63	0	0	0	0	0	145
Non-specified (industry)	131,949	0	34,306	644	0	0	0	45,822	212,722
Transport	0	0	47,806	10,494	0	0	0	1,647	59,947
Road	0	0	35,135	10,011	0	0	0	0	45,146
Domestic aviation	0	0	8,524	0	0	0	0	0	8,524
Rail	0	0	2,627	0	0	0	0	1,647	4,273
Pipeline transport	0	0	0	483	0	0	0	0	483
Domestic navigation	0	0	1,520	0	0	0	0	0	1,520
Non-specified (transport)	0	0	0	0	0	0	0	0	0
Other	0	0	117,568	973	0	0	0	59,866	178,408
Residential	0	0	28,228	0	0	0	0	26,552	54,780
Commercial and public services	0	0	86	0	0	0	0	9,120	9,206
Agriculture/forestry	0	0	751	184	0	0	0	18,171	19,107
Non-specified (other)	0	0	88,503	789	0	0	0	6,023	95,315
Non-energy use	0	0	0	18,628	0	0	0	0	18,628
Non-energy use industry/transformation/energy	0	0	0	18,628	0	0	0	0	18,628
Non-energy use in transport	0	0	0	0	0	0	0	0	0
Non-energy use in other	0	0	0	0	0	0	0	0	0
Elect. output in GWh	0	0	0	0	46,472	156,117	144,647	0	347,237
Elec output-main activity producer ele plants	0	0	0	0	46,472	155,769	138,337	0	340,579
Elec output-autoproducer electricity plants	0	0	0	0	0	348	6,310	0	6,659
Final consumption refers to End Use Consumption									
# Includes lignite									

Annexure- IV

Table-IX: Energy Balance of India for 2020-21 (Final)

All figures in KToE

	Coal #	Crude Oil	Oil Products	Natural Gas	Nuclear	Hydro	Solar, Wind, Others	Electricity	Total
Production	297,775	31,165	0	26,522	11,214	12,955	13,279	0	392,909
Imports	115,541	200,783	42,915	30,554	0	0	0	821	390,614
Exports	-2,026	0	-59,090	0	0	0	0	-823	-61,939
Stock changes	-11,521	0	0	0	0	0	0	0	-11,521
Total primary energy supply	399,768	231,947	-16,174	57,076	11,214	12,955	13,279	-2	710,062
Statistical differences	16,570	18,012	-23,136	194	0	0	0	-1,285	10,356
Main activity producer electricity plants	-243,521	0	-769	-10,023	-11,214	-12,926	-12,663	118,094	-173,021
Autoproducer electricity plants	0	0	0	0	0	-29	-616	19,335	18,690
Oil refineries	0	-226,652	237,827	0	0	0	0	0	11,175
Energy industry own use	0	0	0	-16,844	0	0	0	-6,921	-23,765
Losses	0	-23,308	0	-62	0	0	0	-23,424	-46,794
Final consumption	172,818	0	197,748	30,341	0	0	0	105,798	506,704
Industry	172,818	0	47,051	513	0	0	0	43,755	264,137
Iron and steel	36,805	0	984	0	0	0	0	0	37,790
Chemical and petrochemical	806	0	12,923	0	0	0	0	0	13,729
Non-ferrous metals	0	0	348	0	0	0	0	0	348
Machinery	0	0	149	0	0	0	0	0	149
Mining and quarrying	0	0	1,792	0	0	0	0	0	1,792
Paper, pulp and print	680	0	0	0	0	0	0	0	680
Construction	3,860	0	1,256	0	0	0	0	0	5,116
Textile and leather	108	0	57	0	0	0	0	0	165
Non-specified (industry)	130,558	0	29,542	513	0	0	0	43,755	204,368
Transport	0	0	38,331	8,944	0	0	0	1,261	48,537
Road	0	0	31,608	8,538	0	0	0	0	40,146
Domestic aviation	0	0	3,941	0	0	0	0	0	3,941
Rail	0	0	1,264	0	0	0	0	1,261	2,526
Pipeline transport	0	0	0	406	0	0	0	0	406
Domestic navigation	0	0	1,517	0	0	0	0	0	1,517
Non-specified (transport)	0	0	0	0	0	0	0	0	0
Other	0	0	112,365	996	0	0	0	60,782	174,143
Residential	0	0	29,963	0	0	0	0	28,450	58,413
Commercial and public services	0	0	68	0	0	0	0	7,478	7,546
Agriculture/forestry	0	0	719	164	0	0	0	19,032	19,915
Non-specified (other)	0	0	81,615	832	0	0	0	5,822	88,269
Non-energy use	0	0	0	19,887	0	0	0	0	19,887
Non-energy use industry/transformation/energy	0	0	0	19,887	0	0	0	0	19,887
Non-energy use in transport	0	0	0	0	0	0	0	0	0
Non-energy use in other	0	0	0	0	0	0	0	0	0
Elect. output in GWh	0	0	0	0	43,029	150,639	154,405	0	348,073
Elec output-main activity producer ele plants	0	0	0	0	43,029	150,300	147,248	0	340,576
Elec output-autoproducer electricity plants	0	0	0	0	0	339	7,158	0	7,497

Final consumption refers to End Use Consumption

Includes lignite

Annexure-IV

Table-X: Energy Balance of India for 2021-22 (Final)

All figures in KToE

	Coal	Lignite	Crude Oil	Oil Products	Natural Gas	Nuclear	Hydro	Solar, Wind, Others	Electricity	Total
Production	312,681	10,828	30,344	0	31,471	12,278	13,071	15,284	0	425,957
Imports	115,989	3	217,054	39,912	28,701	0	0	0	686	402,343
Exports	-886	-4	0	-65,588	0	0	0	0	-795	-67,274
Stock changes	16,917	363	0	0	0	0	0	0	0	17,280
Total primary energy supply	444,701	11,190	247,397	-25,677	60,172	12,278	13,071	15,284	-110	778,307
Statistical differences	688	2	24,500	-26,525	2,128	0	0	0	-1,424	-632
Main activity producer electricity plants	-285,689	-8,837	0	-863	-9,395	-12,278	-13,040	-14,698	127,664	-217,136
Autoproducer electricity plants	0	0	0	0	0	0	-31	-586	18,001	17,384
Oil refineries	0	0	-247,021	259,358	0	0	0	0	0	12,337
Energy industry own use	0	0	0	0	-18,784	0	0	0	-7,461	-26,246
Losses	0	0	-24,876	0	-87	0	0	0	-23,428	-48,392
Final consumption	159,700	2,355	0	206,293	34,033	0	0	0	113,242	515,623
Industry	159,700	2,355	0	45,286	767	0	0	0	47,857	255,964
Iron and steel	37,820	60	0	1,136	0	0	0	0	0	39,016
Chemical and petrochemical	656	0	0	13,507	0	0	0	0	0	14,163
Non-ferrous metals	0	0	0	413	0	0	0	0	0	413
Machinery	0	0	0	164	0	0	0	0	0	164
Mining and quarrying	0	0	0	1,731	0	0	0	0	0	1,731
Paper, pulp and print	625	480	0	0	0	0	0	0	0	1,105
Construction	3,681	612	0	965	0	0	0	0	0	5,258
Textile and leather	40	474	0	280	0	0	0	0	0	794
Non-specified (industry)	116,877	729	0	27,091	767	0	0	0	47,857	193,321
Transport	0	0	0	43,912	11,712	0	0	0	1,886	57,510
Road	0	0	0	35,073	11,262	0	0	0	0	46,335
Domestic aviation	0	0	0	5,338	0	0	0	0	0	5,338
Rail	0	0	0	1,810	0	0	0	0	1,886	3,696
Pipeline transport	0	0	0	0	450	0	0	0	0	450
Domestic navigation	0	0	0	1,691	0	0	0	0	0	1,691
Non-specified (transport)	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	117,096	1,134	0	0	0	63,498	181,728
Residential	0	0	0	30,160	0	0	0	0	29,221	59,381
Commercial and public services	0	0	0	67	0	0	0	0	8,352	8,419
Agriculture/forestry	0	0	0	671	144	0	0	0	19,647	20,462
Non-specified (other)	0	0	0	86,198	990	0	0	0	6,278	93,466
Non-energy use	0	0	0	0	20,421	0	0	0	0	20,421
Non-energy use industry/transformation/energy	0	0	0	0	20,421	0	0	0	0	20,421
Non-energy use in transport	0	0	0	0	0	0	0	0	0	0
Non-energy use in other	0	0	0	0	0	0	0	0	0	0
Elect. output in GWh	0	0	0	0	0	47,112	151,984	177,725	0	376,821
Elec output-main activity producer ele plants	0	0	0	0	0	47,112	151,627	170,912	0	369,652
Elec output-autoproducer electricity plants	0	0	0	0	0	0	357	6,813	0	7,170

Final consumption refers to End Use Consumption