

# INDEX

## A

access pricing 137  
administrative convenience 89  
Asian financial crisis 51, 280, 281,  
310  
average cost pricing 73, 76, 78, 79,  
80, 81, 82, 83  
Averch-Johnson effect 131

## B

Bank Act 62, 68, 69  
Basic Act 89, 105, 109, 111  
basic services 233, 234, 238, 240,  
345  
big bang 5, 12, 20, 43, 51, 55, 56  
bilateral contracts 191, 270  
BOJ (Bank of Japan) 61, 66, 67, 68  
bond market 51, 53, 54  
bottleneck monopoly 29, 31, 32,  
34, 37  
British Airways 129, 140, 148, 150,  
153, 155, 164, 165, 167, 169  
British Gas 123, 126, 127, 128,  
138, 140, 148, 153, 154, 155,  
157, 158, 164, 167, 186, 188,  
189, 194  
British Telecom 123, 126, 130,  
131, 136, 153, 154, 156, 163,  
166, 168, 169, 189  
business environment 272, 274,  
278, 280, 290, 293, 303, 304,  
305, 308, 309, 310  
byline of regulation 93, 100

## C

capitalization 254, 256, 265, 337,  
338  
capital-to-asset ratio 59, 68  
CAR (capital adequacy requirement)  
59  
CAR (Commission for  
Administrative Reform) 95,  
97, 103, 111  
CDEA 95  
cellular mobile telephones 228, 233  
CIODG 91  
coal 123, 124, 125, 153, 154, 155,  
173, 178, 179, 180, 181, 182,  
184, 186, 187, 188, 190, 191,  
193, 194, 195  
coefficients 153, 314, 326, 340,  
344  
combined-cycle gas turbine 179  
comparators 139  
compensation pricing 73, 77, 79,  
80, 81, 82, 83, 84, 85  
competition policies 8, 11  
competition-restrictive regulations  
53  
concerned parties 109, 113  
congestion effect 75, 84  
consumer's surplus 75, 77, 79, 81,  
82, 83, 84, 85  
contracts for differences 175  
convoy-guard 11, 55, 56  
core regulations 101, 110, 113  
corporate bond 54  
critical mass 72  
cross subsidization 35, 258  
cross-holding 12

**D**

- demand-supply adjustment clause  
38, 48
- Department of Telecommunications  
225
- deposit insurance organization 59,  
63, 66
- deregulation barriers 113, 118, 119
- deregulatory organizations 96
- determinants of telephone lines per  
capita 314, 329
- disclosure items 62
- divestiture 32, 33, 35, 40, 41, 42,  
47, 48, 147, 169, 205, 206, 207,  
209, 210, 211, 212, 268
- divestiture of NTT 30, 33, 34, 38,  
39, 42, 48
- divestiture proceeds 209, 210, 212
- Doko Reform 5, 8

**E**

- economic reform 95, 108, 119, 214,  
272, 274, 280, 303, 304, 307,  
310, 312, 320, 332, 338
- economic stimulus package 93, 99
- efficiency 1, 2, 3, 17, 19, 23, 30,  
33, 41, 42, 44, 45, 46, 76, 80,  
84, 87, 104, 105, 124, 127, 139,  
147, 150, 157, 158, 159, 160,  
161, 162, 166, 171, 172, 179,  
205, 213, 226, 242, 247, 248,  
249, 253, 256, 257, 261, 265,  
266, 267, 275, 335, 337, 338
- electricity pool 148, 175, 178, 190
- electricity supply 11, 72, 147, 165,  
166, 167, 170, 176, 188, 194,  
195, 196
- electricity trading arrangements  
190
- emission targets 181
- EPB (Economic Planning Board)  
91, 92, 95, 97, 99, 116

- ex-ante* regulation 7, 59
- ex-post* regulation 44
- ex-post* settlement 57, 58, 191

**F**

- FBA 62
- financing of telecom investment  
224
- fiscal deficit 1, 2, 53, 210, 277,  
281, 304, 305, 308, 315
- fiscal discipline 275
- Five-Year Economic and Social  
Development Plan 90, 115,  
119
- foreign exchange crisis 87, 108,  
115
- FSA 51, 63, 65, 66, 67

**G**

- generation 127, 129, 147, 171, 172,  
173, 174, 178, 179, 182, 183,  
184, 186, 189, 190, 193, 194,  
195, 224, 226, 231, 261, 266,  
267, 268, 276, 289, 302, 308,  
309, 311, 337
- Government of the People 108
- government-led development  
strategy 88
- gradualism 20, 39, 55
- growth performance 197, 198

**I**

- incentive regulation 33, 38, 242,  
253, 254, 255, 258, 260, 270,  
317, 323, 329, 330, 331
- independent power producers (IPPs)  
11, 266
- industry structure 140, 193, 194,  
243, 244, 253, 254, 256, 257,  
262
- information asymmetry 138, 250,

352 INDEX

255

information disclosure 4, 5, 138  
infrastructure industries 242, 243,  
245, 249, 257, 283  
innovation 8, 35, 37, 43, 188, 193,  
243, 247, 248, 254, 257, 260,  
265, 308, 315, 328  
interconnection charges 34, 37, 42,  
43, 44  
interconnection rule 23, 33, 34, 38,  
40, 42, 43, 48  
inter-library network service 24  
Internet Service Providers 232, 236  
ISDN (Integrated Service Digital  
Network) 18, 44, 45, 46

J

JNR (Japan National Railways) 5,  
8, 14, 15, 16, 17, 18  
JNR Settlement Corporation 15, 17,  
19

L

labor union 2, 3, 16, 19, 91  
Latin American  
Telecommunications 315  
learning capacity 20  
Local NCCs 33, 35, 37  
long-distance tariff 240  
LRIC (long-run incremental cost)  
43, 44

M

managerial discretion 127  
manufacturing sector 115, 197,  
198, 199, 200, 201, 203, 212,  
219, 229  
market power 72, 147, 148, 149,  
156, 165, 190, 193, 201, 202,  
219, 268  
mergers and takeovers 220

Mixed Productivity Method 45  
MNR (Movimiento Nacionalista  
Revolucionario) 341, 342, 343,  
345  
MOF (Ministry of Finance) 11, 12,  
50, 55, 57, 58, 59, 60, 61, 62,  
63, 65, 66, 67, 68, 69  
monopoly pricing 73, 75, 76, 78,  
80, 81, 82, 83, 84, 85  
moratorium 182, 238  
multi-firm studies 150, 155

N

NCCs (New Common Carriers) 18,  
25, 34, 36, 40, 42, 43, 47  
negative effects 87, 190  
network externality 29, 40  
network growth 73, 75, 78, 80, 81,  
82, 83, 84  
New Bank of Japan Act 61  
New Economy Plan 94, 95, 96, 97,  
98, 107, 114, 119  
New Telecom Policy 233  
NGC 174, 175, 176, 192, 194, 196  
NTT (Nippon Telegraph and  
Telephone Corporation) 11,  
15, 17, 18, 19, 20, 25, 26, 29,  
30, 31, 32, 33, 34, 35, 36, 37,  
38, 39, 40, 41, 42, 43, 44, 45,  
47, 48, 49, 85  
numerical goal 113

O

OFFER 149, 163, 167  
OFGAS 149, 158, 163  
OFTEL 41, 45, 131, 149, 161, 163,  
167  
OFWAT 136, 138, 139, 149, 163,  
168  
oligopoly 1, 2, 4, 19  
OPRAF 149, 163, 164, 168  
origin of corruption 111

ORR 139, 149, 163, 167, 168

## P

path-dependency 72  
 philosophical orientation 344, 346  
 political advantage 126, 162  
 political affiliation 338, 339, 341, 345  
 post-check system 109  
 PPD (Plan for the Promotion of Deregulation) 5, 7, 8  
 price cap regulation 44, 137, 253  
 price rebalancing 136  
 price regulation 30, 71, 72, 73, 76, 83, 85, 107, 158, 271  
 principle of collateral 54  
 prior screening 96, 98, 105, 109  
 private industrial investment intentions 202  
 private monopoly 338  
 privatization of NTT 18  
 PSBR 125, 127, 128  
 public offer 123, 125  
 public sector enterprise reforms 197, 204

## Q

quality of service 37, 158, 223, 228, 238, 253, 341, 344

## R

rail industry 123, 124, 125, 149, 159, 160, 164  
 rate rebalancing 243, 255, 256  
 re-balancing 26  
 regional integration 279, 290, 303  
 registration 90, 101, 105, 106, 226  
 regression 343  
 regulatory agencies 249, 252, 277, 323, 328  
 regulatory discretion 138, 250

regulatory framework 149, 315, 316, 321, 323, 324, 333  
 regulatory goals 255, 263  
 regulatory impact analysis 105, 106, 109  
 regulatory instruments 262, 265  
 regulatory lag 137, 138, 254, 265  
 relief merger 59, 66  
 restructuring 5, 18, 30, 31, 32, 47, 48, 67, 112, 115, 127, 131, 140, 156, 163, 166, 167, 170, 171, 172, 173, 175, 176, 178, 180, 185, 193, 196, 205, 242, 243, 244, 246, 248, 249, 256, 258, 261, 267, 269, 271  
 restructuring policies 205  
 ROR (rate of return) 254, 265, 270  
 RRC (Regulatory Reform Committee) 105, 106, 107, 110, 111, 113, 114  
 RPI-X 131, 132, 137, 139, 149, 161

## S

safety-nets 58, 59, 63  
 Securities Exchange Act 62, 68  
 self-reinforcing growth 75  
 share ownership 125, 126, 128, 162  
 sick industrial firms 203  
 SIRESE (Sistema de Regulación Sectorial) 338, 343, 345, 346  
 social safety net 205  
 software exports 232  
 state monopoly 338  
 stranded investment 267  
 sunset clause 105, 106, 110  
 supply competition 158, 172, 176, 183, 188  
 survival of the fittest 2, 255  
 sustainability of prices 343  
 system marginal price 175

**T**

Telecom Regulatory Authority of  
India 231, 237  
teledensity 228  
TFP (Total Factor Productivity) 45  
three-firm concentration ratio  
trade unions 16, 39  
two-dimensional regular lattice 73,  
74

**U**

US electricity market 260  
US regulation 258  
underpricing 163, 213  
uniform pricing 73, 76, 77, 78, 80,  
81, 82, 83, 84  
universal service 2, 3, 19, 23, 35,  
43, 45, 46, 47, 48, 49, 76, 232,  
243, 258

universal service fund 47

**V**

value added services 228, 229, 233,  
235, 240, 242

**W**

waiting line 226  
water industry 125, 158, 159, 165,  
166  
Wimbledon effect 2, 3, 20

**X**

X-value 45

**Y**

yardstick pricing 11