Index

ABR, 157	institutional structure of, 48, 50
Accelerated Power Development Reform	power purchase agreements (PPAs),
Programme (APDRP), 69	55
Accountability, 51, 87, 132, 147, 180	review of investment of, 66, 67
360° view of, 8	stakeholder engagement in practice,
mechanism of, 135	84
Administrative Staff College of India	transparency, 84
(ASCI), 102, 107	structure of, 90
Aggregate Technical and Commercial	tariff review process, 53, 70
losses (ATC), 144, 149, 157, 159	Annual revenue requirement (ARR),
Agricultural electricity consumption, 9,	53, 54, 55, 71, 155, 157, 162, 164,
17, 56, 57, 58, 65, 71, 112	165, 178, 183
American regulator, 151	AP Transco, 48, 56, 58, 60, 61, 62,
Andhra Pradesh,	65, 69, 70, 72, 73, 74, 75, 77, 82,
agricultural consumption estimation,	89, 91, 92
48	Appellate Tribunal, 11, 169
electricity reform in, 8, 48	
reform process in, 60	BESCOM, 113, 116, 130
Andhra Pradesh Chambers of	Bhagya Jyoti (BJ), 122
Commerce and Industry, 8, 59, 86	Bhaya Committee report, 49
Andhra Pradesh Electricity Reforms Act	BRPL, 144, 157, 162, 163, 164, 173, 179
(1998), 49	BYPL, 144, 157, 162, 163, 164, 173
ARR process in, 53	
consultants in, 54	Central Electricity Authority, 24, 68,
interaction between regulators, staff,	152, 153, 154
and consultant, 53	Central Electricity Regulatory
consultation process in, 86	Commission (CERC), 27, 127, 151,
cost-to-serve (COS) model of, 50	153

200 Index

Central Power Research Institute Electricity markets, 4 Electricity reform, 33 (CPRI), 63 Electricity Regulatory Commissions Act, Comptroller and Auditor General of India, 150 1998, 3 Consumer Advocacy, 10, 107, 129, 137 Cost-to-serve (COS), 50, 51, 128 Federation of Karnataka Chambers of Commerce and Industry (FKCCI), 130 Financial and Distribution Privatisation Dabhol PPA, 73 Delhi, (FDP), 103 governance framework for Financial Restructuring Plan (FRP), 103, 104, 109, 115 privatisation in, 156 Resident Welfare Associations (RWA) in, 30 177, 178, 181 Gas Authority of India Ltd, 74 Delhi Electricity Reform Act, 147 Generation planning, 9, 15, 22, 72, Delhi Electricity Reforms Ordinance, 78, 123 Delhi Electricity Regulatory Commission High Voltage Distribution System (DERC) (HVDS), 20, 67, 68, 69, 92 Annual Revenue Requirement (ARR) process in, 155 ICRA, 47 directives compliance, 159 Independent Power Producers (IPPs), penalties, 159 23, 72, 73, 75, 123, 124, 125, 135 Performance Standards (Metering Independent regulation and Billing) regulation, 159, 171 US model of, 134 quality of service, 171 Indian Statistical Institute (ISI), 58 selection of commissioner, 151, 152 Industrial Development Bank of India (IDBI), 52 staff on deputation, 153 staff selection in, 153 stakeholder, 174, 180, 184 Karnataka. stakeholder participation, 177 fiscal and governance reforms in, Delhi Transco, 152, 159, 165, 169, 101, 102 177 investment review in, 118, 119 Delhi Vidyut Board (DVB), 143, 144, non-conventional energy project 145, 146, 147, 148, 150, 151, 152, review in, 125 168, 176 privatisation strategy in, 103, 105 DFID, 52, 79 stakeholder participation in, 129 tariff setting in, 121, 123 Electricity Act, 1948 Karnataka Economic Restructuring 6th schedule, 54 Loan (KERL), 103 Electricity Act, 2003, 4, 5, 16, 26, 47, Karnataka Electricity Reforms Act, 1999 (KERA), 101, 102, 103, 105, 105, 108, 109, 110, 122, 126, 128, 127, 131, 135 106, 124, 126, 128, 129, 132, 135 regulatory provisions in, 35 Karnataka Power Transmission Section 94, 16 Company Ltd (KPTCL), 102, 104, Electricity Governance Initiative, 5, 8 106, 109, 111, 113, 115, 116, 118, Electricity market development, 127 120, 121, 122, 124, 125, 131, 133

Index 201

Kirit Jyoti (KJ), 122

Maharashtra Electricity Regulatory Commission (MERC), 16 Medium Term Fiscal Plan (MTFP), 103, 104, 109 MESCOM, 116 MNES, 75 Multi-Year Tariff (MYT), 47, 51, 57, 128, 146 concept of, 50 Mumbai Grahak Panchayat, 17

Naidu, Chandrababu, 49, 51, 71, 117 NDPL, 144, 160, 161, 164, 173 NGOs, 10, 17, 43, 93, 130, 177, 178 Non-conventional energy (NCE), 22, 24, 62, 72, 75, 77, 92, 109, 124, 125, 126

Oil and Natural Gas Corporation, 74 Orissa, 3, 11, 143, 145, 146, 171 Orissa Electricity Regulatory Commission (OERC), 3

Pennsylvania Public Utilities

Commission, 51

PHD Chamber of Commerce and Industry (PHDCCI), 165, 173, 177, 179

Power Purchase Agreements (PPAs), 23, 30, 55, 72, 73, 74, 75, 77, 89, 93, 124

Prayas Energy Group, 4, 5, 156

Price Waterhouse Coopers (PWC), 50

Privatisation, 9, 11, 12, 13, 19, 26, 33, 49, 102, 103, 105, 128, 129, 135, 143, 145, 146, 147, 148, 149, 150, 151, 155, 156, 163, 165, 168, 169, 176, 182

Public participation, 131, 132

impact of, 132 opportunities with, 133

Stakeholder, 2, 4, 5, 6, 7, 8, 9, 11, 17, 20, 21, 24, 25, 27, 28, 29, 30, 31, 32, 36, 38, 40, 41, 42, 43, 147, 151, 162, 168, 173, 174, 175, 177, 178, 179, 180, 183, 184 capacity of, 8, 177 engagement, 29, 174, 180 process, 36 role of, 173 interests of, 49 range of, 29 role of, 8, 9, 29, 41, 92, 184 scrutiny of participation, 11 Stakeholder model of regulation, 42 State Electricity Boards (SEBs), 14, 61, 145

Tannir Bhavi Power Corporation Ltd (TBPCL), 23, 124, 125
Tariff setting, 3, 24, 26, 39, 49, 69, 146, 121
Tata Energy Research Institute, 107
Technical validation sessions (TVS), 17 participation of stakeholders in, 17 structure and objective of, 17
Telecom Regulatory Authority of India (TRAI), 5

UK, 4
Department for International
Development (DFID), 50
US, 107
National Economic Research
Associates (NERA), 50
USAID, 107

World Bank, 3, 11, 12, 13, 49, 50, 89, 102, 103