



North East Air Link Project

Improvement of Air Connectivity in North Eastern Region



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In this presentation

- **NER Air Connectivity: a quick view**
- **'As is' scenario (15th May 2007)**
- **Trend indicators**
- **'To be' scenario**

NER Air Connectivity: a quick view



Sector (NER-NER; NER-Kolkata)	Monday				Tuesday				Wednesday				Thursday				Friday				Saturday				Sunday				Total weekly	
	IA	CD	Oth	Tot	IA	CD	Oth	Tot	IA	CD	Oth	Tot	IA	CD	Oth	Tot	IA	CD	Oth	Tot	IA	CD	Oth	Tot	IA	CD	Oth	Tot		
Agartala - Guwahati	1	2	3				1	1			1	1	2				1	1	2							1	1	1	10	
Agartala - Silchar		1		1																										1
Agartala - Kolkata	2	5	7		1	1	3	5	0	2	5	7	1	1	4	6	0	1	4	5	1	1	4	6	1	1	3	5	41	
Aizwal - Guwahati	1	1		2			1	1	1	1	1	2		1	1	1	1	1	2		1	1	1	1	1	1	1	2	11	
Aizwal - Imphal	1			1								1	1	1	1						1	1	1	1					4	
Aizwal - Kolkata	1		1	2	1			1	2	1		1	2	1		1	2	1		1	2	1		1	2	1		1	14	
Dibrugarh - Guwahati		2	2				1	1	1			2	2			1	1			2	2			1	1			2	11	
Dibrugarh - Kolkata		1	1				1	1	1			1	1			1	1	2		1	1	2		1	1	1	1	2	9	
Dimapur - Guwahati																														2
Dimapur - Imphal		1	1				1	1	1			1	1			1	1			1	1			1	1			1	7	
Dimapur - Kolkata		1	1				1	1	1			1	1			1	1			1	1			1	1			1	7	
Tezpur - Jorhat							1	1	1																		1	1	2	
Tezpur - Kolkata							1	1	1			1	1	1													1	1	3	
Silchar - Agartala		1		1							1	1	1						1	1	1								3	
Silchar - Guwahati							1	1	1					1	1	1				1	1	1			1	1	1	1	4	
Silchar - Imphal			1	1			1	1	1			1	1			1	1			1	1	1			1	1	1	1	7	
Silchar - Kolkata		2	1	3		1	1	2		2	1	3		1	1	2		2	1	3		1	1	2		2	1	3	18	
Shillong - Jorhat		1		1							1	1	1																1	
Shillong - Tezpur		1		1							1	1	1																1	
Shillong - Kolkata		1		1							1	1	1																2	
Lilabari - Guwahati							1	1							1	1								1	1				2	
Jorhat - Guwahati															1	1								1	1				2	
Jorhat - Kolkata															1	1								1	1				2	
Imphal - Aizwal					1			1				1		1						1		1			1				3	
Imphal - Dimapur			1	1			1	1			1	1		1	1				1	1		1	1		1	1		1	7	
Imphal - Guwahati			3	3			4	4	1		3	4		3	3				3	3		4	4	1		2	3	24		
Imphal - Silchar		1	1	2			1	1	2			1	1	2			1	1	2		1	1	2		1	1	2	2	14	
Imphal - Kolkata		1		2	3		1		3	4		1		2	3		1		3	4		1		2	3		1	2	24	
Guwahati - Agartala		1	3	4			1	2	3		1	2	3		1	1	2		2	2		2	2		1	2	2	3	19	
Guwahati - Aizwal		1					1		1		1		1		1		1		1		1		1		1		1	1	7	
Guwahati - Bagdogra			2	3							2	2			2	3			1	1								1	9	
Guwahati - Dibrugarh			2	2				1	1			2	2			1	1			2	2			1	1		2	2	11	
Guwahati - Dimapur							1																1	1				1	2	
Guwahati - Imphal			3	3			4	4	1		3	4		3	3				3	3		4	4	1		2	3	24		
Guwahati - Jorhat								1	1						1	1											1	1	2	
Guwahati - Lilabari												1	1	2												1	1	1	4	
Guwahati - Silchar		1		1	1		1	1	1		1	1	1		1	1		1	1		1	1		1	1	1	1	1	7	
Guwahati - Kolkata		1	2	11	14		1	2	11	14		1	2	11	14		1	2	9	12	1	2	10	13	1	2	10	13	93	
Bagdogra - Guwahati							1		2	3			1		2	3			1		2	3		1		2	3	1	10	
Bagdogra - Kolkata			1	1			1	1	2			1	1	1	2				1	1	1	2		1	1	1	2	1	10	
TOTAL	6	16	44	66	7	15	42	64	7	16	42	65	7	12	40	59	6	12	40	58	7	12	42	61	8	15	38	61	434	

Connectivity 'as is' (NER-NER; NER-Kolkata)



Airlines	% share	No.
Private Airlines	66	288
Alliance Air	23	98
Indian Airlines	11	48
434 weekly flights*		

* Based on published schedule on internet as on 15th May 2007

Sector (NER-Kolkata)	Weekly flights
Agartala - Kolkata	41
Aizwal - Kolkata	14
Dibrugarh - Kolkata	9
Dimapur - Kolkata	7
Tezpur - Kolkata	3
Silchar - Kolkata	18
Shillong - Kolkata	2
Jorhat - Kolkata	2
Imphal - Kolkata	24
Guwahati - Kolkata	93
Bagdogra - Kolkata	10
TOTAL	223

Sector (NER-NER)	weekly flights
Agartala - Guwahati	10
Agartala - Silchar	1
Aizwal - Guwahati	11
Aizwal - Imphal	4
Dibrugarh - Guwahati	11
Dimapur - Guwahati	2
Dimapur - Imphal	7
Tezpur - Jorhat	2
Silchar - Agartala	3
Silchar - Guwahati	4
Silchar - Imphal	7
Shillong - Jorhat	1
Shillong - Tezpur	1
Lilabari - Guwahati	2
Jorhat - Guwahati	2
Imphal - Aizwal	3
Imphal - Dimapur	7
Imphal - Guwahati	24
Imphal - Silchar	14
Guwahati - Agartala	19
Guwahati - Aizwal	7
Guwahati - Bagdogra	9
Guwahati - Dibrugarh	11
Guwahati - Dimapur	2
Guwahati - Imphal	24
Guwahati - Jorhat	2
Guwahati - Lilabari	4
Guwahati - Shillong	0
Guwahati - Silchar	7
Bagdogra - Guwahati	10
TOTAL	211

NER-Kolkata: salient points

- 11 airports connected to Kolkata (except Lilabari)
- Private Airlines on all (except Tezpur, Jorhat & Shillong)
- 223 weekly flights to Kolkata
 - Ex-Guwahati: 93 (42%) → private airlines: 77%
 - Ex-Agartala: 41(18%) → private airlines: 68%

Airlines	% share	No.
Private Airlines	68	151
Alliance Air	20	44
Indian Airlines	12	28

Intra-region: salient points

- 29 intra-region sectors (Private in 20)
- 16 city pairs (Private in 8)
- Only private airlines on some sectors
- 211 weekly flights
 - Between non-Guwahati & non-Agartala locations
 - 47 flights (22% of total) → 28 (60%) by private airlines
 - To/from Guwahati: 164 (78 %)
 - To/from Agartala: 33 (16%)

Dibrugarh - Guwahati
 Guwahati - Dibrugarh
 Dimapur - Imphal
 Imphal - Dimapur
 Jorhat - Guwahati
 Imphal - Guwahati

Airlines	% share	No.
Private Airlines	65	137
Alliance Air	26	54
Indian Airlines	9	20

Sample fares (03 Jun – 10 Jun)

■ Agartala - Guwahati

- Kingfisher: Rs. 4930/ Rs. 2075
- Jet Airways: Rs. 4595/ Rs. 2200
- Indian Airlines: Rs. 4450/ Rs. 1750

■ Imphal - Guwahati

- Air Deccan: Rs. 1184/ Rs. 1184
- Kingfisher: Rs. 5495/ Rs. 2075
- Jet Airways: Rs. 5110/ Rs. 2500
- Indian Airlines: Rs. 4960/ Rs. 1350

■ Aizawl - Kolkata

- Air Deccan: Rs. 1449/ Rs. 1449
- Indian Airlines: Rs. 5840/ Rs. 2905

Trend indicators

- Key anchor is Guwahati; Agartala emerging



Hub & spoke model

- Poor connectivity among non-Guwahati/non-Agartala locations



Small aircrafts

- Substantial share of private airlines (>65%)
- Private airlines only sectors also there



Catalyze higher presence

- 44 intra-region (Tezpur/Jorhat/Shillong – Kolkata → no private airlines) out of 98 Alliance Air flights (excl. Kolkata-NER)



Subsidy optimization



Air Connectivity 'to be'

- Air Connectivity → a basic necessity in NER
- Intra-region connectivity → higher attention
- More city pairs to be developed
- Hub & spoke model
 - Hub(s) in the region → Guwahati and Agartala
- Effective connectivity/schedule
 - Travel to/from within/outside NER same day/next
- Pricing
 - Budget airline/ Choice of Aircraft/Cost optimization

NEC playing a catalytic role → self sustainable model



Thank You

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